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15 of 17 Course IDs for *ACTG* in the Business and Social Sciences Division have SLO's. 2010-2011

Course ID	Title	SLO's
ACTG 1A	FINANCIAL ACCOUNTING I	<p><b>SLO 1.</b> Explain financial accounting terminology, concepts, principles, and frameworks. [SLO1a: Theory].</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking</p> <p><b>SLO 2.</b> Perform related calculations and demonstrate the ability to use methods and /or procedures to solve financial accounting problems. [SLO1b: Application]</p> <p><b>ILO 2.</b> 3. Computation</p>
ACTG 1B	FINANCIAL ACCOUNTING II	<p><b>SLO 1.</b> Explain financial accounting terminology, concepts, principles, and frameworks. [SLO1a: Theory].</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking</p> <p><b>SLO 2.</b> Perform related calculations and demonstrate the ability to use methods and /or procedures to solve financial accounting problems. [SLO1b: Application]</p> <p><b>ILO 2.</b> 3. Computation</p>
ACTG 1C	MANAGERIAL ACCOUNTING	<p><b>SLO 1.</b> Explain managerial accounting terminology, concepts, principles, and frameworks. [SLO1a: Theory].</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking</p> <p><b>SLO 2.</b> Perform related calculations and demonstrate the ability to use methods and /or procedures to solve managerial accounting problems. [SLO1b: Application]</p> <p><b>ILO 2.</b> 3. Computation</p>
ACTG 51A	INTERMEDIATE ACCOUNTING I	<p><b>SLO 1.</b> Explain intermediate financial accounting terminology, concepts, principles, and frameworks.[SLO1a: Theory].</p> <p><b>SLO 2.</b> Perform related calculations and demonstrate the ability to use methods and /or procedures to solve intermediate financial accounting problems [SLO1b: Application]</p>
ACTG 51B	INTERMEDIATE ACCOUNTING II	<p><b>SLO 1.</b> Explain intermediate financial accounting terminology, concepts, principles, and frameworks.</p> <p><b>SLO 2.</b> Perform related calculations and demonstrate the ability to use methods and /or procedures to solve intermediate financial accounting problems</p>
ACTG 51C	INTERMEDIATE ACCOUNTING III	<p><b>SLO 1.</b> describe what is financial accounting (intermediate), including its ethics and various career paths, and its role in business, domestically and internationally [SLO1a: Context].</p>

ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

SLO 2. explain financial accounting terminology, principles, concepts, methods, and /or procedures – at intermediate level [SLO1b: Theory]

ILO 2. 3. Computation

ACTG 58 AUDITING No SLOs on file.

ACTG 60 ACCOUNTING FOR SMALL BUSINESS

SLO 1. discuss career paths and the role of accounting in small business [SLO1: Context].

SLO 2. perform basic accounting transactional computations and reporting procedures [SLO3: Application].

ACTG 64A COMPUTERIZED ACCOUNTING PRACTICE USING QUICKBOOKS

SLO 1. Apply accounting principles and procedures by data entry of business transactions into a computerized accounting program.

ILO 1. 2. Creative, critical and analytical thinking 3. Computation

SLO 2. Integrate knowledge of accounting principles and a computerized accounting program into various financial statements and reports.

ILO 2. 1. Communication

ACTG 64B COMPUTERIZED ACCOUNTING PRACTICE USING EXCEL

SLO 1. Apply accounting principles and procedures by data entry of business transactions into a computerized spreadsheet program.

ILO 1. 2. Creative, critical and analytical thinking 3. Computation

SLO 2. Integrate knowledge of various accounting principles and the spreadsheet program into various accounting work papers and financial reports.

ILO 2. 1. Communication

ACTG 65 PAYROLL & BUSINESS TAX ACCOUNTING

SLO 1. Explain current federal payroll tax accounting rules and procedures.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking

SLO 2. Perform related calculations and demonstrate the ability to apply rules and /or procedures to solve payroll tax accounting problems.

ILO 2. 3. Computation

ACTG 66 COST ACCOUNTING

SLO 1. Explain cost accounting terminology, principles, and concepts.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking

SLO 2. Explain different cost accounting methods and /or procedures.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

SLO 3. Demonstrate the ability to apply the different costing methods and /or procedures to solve cost accounting problems. Examples: Variable Costing , Absorption Costing

ILO 3. 2. Creative, critical and analytical thinking 3. Computation

ACTG 67 TAX ACCOUNTING

SLO 1. Identify basics of Federal and California income tax law as it relates to individuals and small businesses.

ILO 1. 2. Creative, critical and analytical thinking

SLO 2. Demonstrate practical knowledge of income tax form preparation and tax compliance process as these relate to individuals.

ILO 2. 1. Communication 3. Computation 4. Community/global consciousness and responsibility

ACTG 68A ADVANCED TAX ACCOUNTING I

- SLO 1.** Identify basics of Federal and California income tax law as it relates to Sole Proprietorships and Partnerships.
- ILO 1.** 2. Creative, critical and analytical thinking
- SLO 2.** Demonstrate practical knowledge of income tax form preparation and tax compliance process as these relate to sole proprietorships and partnerships.
- ILO 2.** 3. Computation

**ACTG 68B ADVANCED TAX ACCOUNTING II**

- SLO 1.** Identify basics of Federal income tax law as it relates to Corporations and Fiduciaries.
- ILO 1.** 2. Creative, critical and analytical thinking
- SLO 2.** Demonstrate practical knowledge of income tax form preparation and tax compliance process as these relate to corporations and fiduciaries.
- ILO 2.** 3. Computation

**ACTG 68C ADVANCED TAX ACCOUNTING III**

- SLO 1.** Achieve passing SEE score of 70% (may slightly deviate as the "scaled scoring" grading system is currently used by the SEE facilitator) while demonstrating a solid understanding of fundamentals of Federal income tax law as it relates to Sole Proprietorships and Partnerships.
- ILO 1.** 2. Creative, critical and analytical thinking 3. Computation
- SLO 2.** Demonstrate practical knowledge of income tax form preparation and tax compliance process as these relate to sole proprietorships and partnerships.
- ILO 2.** 3. Computation 4. Community/global consciousness and responsibility

**ACTG 75 ACCOUNTING FOR GOVERNMENT & NOT-FOR-PROFIT No SLOs on file.**

**1 of 1 Course IDs for *ADVT* in the Business and Social Sciences Division have SLO's. 2010-2011**

Course ID	Title	SLO's
ADVT 57	PRINCIPLES OF ADVERTISING	
	<b>SLO 1.</b> Students will demonstrate an understanding and appropriate use of advertising terms and concepts in the written component of the term project.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Students will critically analyze, evaluate and interpret advertising information for their term projects.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	<b>SLO 3.</b> Students will demonstrate advertising concepts and strategies in their term projects and oral presentations.	
	<b>ILO 3.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	

**1 of 1 Course IDs for *AHS* in the Biological and Health Sciences Division have SLO's. 2010-2011**

Course ID	Title	SLO's
AHS 200	ORIENTATION TO HEALTH CARE CAREERS	
	<b>SLO 1.</b> Recite and apply medical terminology for all body systems.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking	
	<b>SLO 2.</b> Recognize professional and ethical behavior and traits of a health care workers.	

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

14 of 24 Course IDs for *ALAP* in the Adaptive Learning Division have SLO's.

2010-2011

Course ID	Title	SLO's
ALAP 52	INTRODUCTION TO CONCEPTS OF PHYSICAL FITNESS FOR THE DISABLED	No SLOs on file.
ALAP 52X	INTRODUCTION TO CONCEPTS OF PHYSICAL FITNESS FOR THE DISABLED	<p>SLO 1. After completing this course, students will demonstrate their understanding of how certain hereditary predispositions as well as specific unhealthy lifestyle and nutritional choices can lead to heart disease, stroke, diabetes and other life-threatening conditions.</p> <p>SLO 2. After completing this course, students will demonstrate their mastery of CPR, first aid and other interventions when responding to medical emergencies such as heart attack, stroke and cardiac arrest.</p>
ALAP 52Y	INTRODUCTION TO CONCEPTS OF PHYSICAL FITNESS FOR THE DISABLED	<p>SLO 1. After completing this course, students will demonstrate their understanding of how certain hereditary predispositions as well as specific unhealthy lifestyle and nutritional choices can lead to heart disease, stroke, diabetes and other life-threatening conditions.</p> <p>SLO 2. After completing this course, students will demonstrate their mastery of CPR, first aid and other interventions when responding to medical emergencies such as heart attack, stroke and cardiac arrest.</p>
ALAP 60	GENERAL CONDITIONING FOR THE DISABLED	<p>SLO 1. Students will be able to identify two of the three primary fitness components.</p> <p>SLO 2. Students will be able to identify and discuss how this class has improved their health and well being.</p>
ALAP 60X	GENERAL CONDITIONING FOR THE DISABLED	<p>SLO 1. Students will be able to explain and demonstrate at least two exercises to increase: flexibility, muscular endurance, muscular strength, cardiovascular fitness and/or balance.</p> <p>ILO 1. 2. Creative, critical and analytical thinking</p> <p>SLO 2. Student will be able to explain the long term/lasting outcomes of staying engaged in well rounded fitness/wellness program.</p> <p>ILO 2. 2. Creative, critical and analytical thinking</p>
ALAP 61	RESISTIVE EXERCISE FOR THE DISABLED	No SLOs on file.
ALAP 61X	RESISTIVE EXERCISE FOR THE DISABLED	No SLOs on file.
ALAP 62	INDIVIDUALIZED EXERCISE FOR THE DISABLED	No SLOs on file.
ALAP 62X	INDIVIDUALIZED EXERCISE FOR THE DISABLED	<p>SLO 1. Students will be able to explain and demonstrate at least two exercises to increase: flexibility, muscular endurance, muscular strength, cardiovascular fitness and/or balance.</p> <p>SLO 2. Student will be able to explain the long term/lasting outcomes of staying engaged in a well rounded fitness/wellness program.</p>
ALAP 63	POSTURAL FITNESS FOR THE DISABLED	No SLOs on file.
ALAP 63X	POSTURAL FITNESS FOR THE DISABLED	<p>SLO 1. Students will be able to explain and demonstrate at least two exercises to increase: flexibility, muscular endurance, muscular strength, cardiovascular fitness and/or balance.</p> <p>SLO 2. Student will be able to explain the long term/lasting outcomes of staying engaged in a well rounded fitness/wellness program.</p>

ALAP 64	AEROBIC DANCE FOR THE DISABLED	No SLOs on file.
ALAP 64X	AEROBIC DANCE FOR THE DISABLED	
	SLO 1. Students will be able to explain and demonstrate at least two exercises to increase: flexibility, muscular endurance, muscular strength, cardiovascular fitness and/or balance.	
	SLO 2. Students will be able to explain the long term/lasting outcomes of staying engaged in a well rounded fitness/wellness program.	
ALAP 66	FUNCTIONAL FITNESS FOR THE DISABLED	No SLOs on file.
ALAP 66X	FUNCTIONAL FITNESS FOR THE DISABLED	
	SLO 1. Students will be able to explain and demonstrate at least two exercises to increase: flexibility, muscular endurance, muscular strength, cardiovascular fitness and/or balance.	
	SLO 2. Students will be able to explain the long term/lasting outcomes of staying engaged in a well rounded fitness/wellness program.	
ALAP 67	BALANCE & FUNCTIONAL MOVEMENT FOR THE DISABLED	No SLOs on file.
ALAP 67X	BALANCE & FUNCTIONAL MOVEMENT FOR THE PHYSICALLY DISABLED	
	SLO 1. Students will be able to identify two of the three primary fitness components.	
	SLO 2. Students will be able to identify and discuss how this class has improved their health and well being.	
	SLO 1. Students will be able to explain and demonstrate at least two exercises to increase: flexibility, muscular endurance, muscular strength, cardiovascular fitness and/or balance.	
	SLO 2. Students will be able to explain the long term/lasting outcomes of staying engaged in a well rounded fitness/wellness program.	
ALAP 68	FUNCTIONAL TRAINING FOR THE ADAPTIVE ENDURANCE ATHLETE	
ALAP 70	ADAPTIVE AQUATICS FOR THE DISABLED	No SLOs on file.
ALAP 70X	ADAPTIVE AQUATICS FOR THE DISABLED	
	SLO 1. Student will be able to explain and demonstrate at least two exercises to increase: flexibility, muscular endurance, muscular strength, cardiovascular fitness and/or balance.	
	SLO 2. Students will be able to explain the long term/lasting outcomes of staying engaged in a well rounded fitness/wellness program.	
ALAP 71	AQUACIZE FOR THE DISABLED	No SLOs on file.
ALAP 71X	AQUACIZE FOR THE DISABLED	
	SLO 1. Students will be able to explain and demonstrate at least two exercises to increase: flexibility, muscular endurance, muscular strength, cardiovascular fitness and/or balance.	
	SLO 2. Students will be able to explain the long term/lasting outcomes of staying engaged in a well rounded fitness/wellness program.	
ALAP 80	TEAM SPORTS FOR THE DISABLED	No SLOs on file.
ALAP 80X	TEAM SPORTS FOR THE DISABLED	
	SLO 1. Students will learn proper technique and skills associated with a specific sport.	
	SLO 2. Students will learn the rules and regulations for specific sport activity.	

1 of 1 Course IDs for ALCA in the Adaptive Learning Division have SLO's.

2010-2011

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Course ID	Title	SLO's
ALCA 201	COMPUTER ACCESS EVALUATION	

- SLO 1. Self advocate by effectively communicating technology needs to instructors and/or employers.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking
- SLO 2. Select and use appropriate assistive computer technology to achieve academic goals and objectives.
- ILO 2. 2. Creative, critical and analytical thinking

35 of 70 Course IDs for *ALCB* in the Adaptive Learning Division have SLO's.

2010-2011

Course ID	Title	SLO's
ALCB 201	BEGINNING LIP READING	<p>SLO 1. Students will be able to recognize the visibly similar characteristics of the phonemes /m/, /p/ and /b/ when observing a speaker articulating these phonemes.</p> <p>SLO 2. Student will be able to recognize the number of syllables in a word.</p>
ALCB 202	INTERMEDIATE LIP READING & MANAGING YOUR HEARING LOSS	<p>SLO 1. Student will be able to watch a silent speaker reading a paragraph of 6-10 sentences in conversational speech and derive some accurate information about the topic from visual cues alone.</p> <p>SLO 2. After participating in this course, students will be able to identify stress pattern in a sentence.</p>
ALCB 203	ADVANCED LIP READING & MANAGING YOUR HEARING LOSS	<p>SLO 1. Students will watch and listen to reader as she/he reads connected discourse on a single topic. Some of the text will be read aloud so that audible and visible cues will both be present. Intermittently, voicing will be eliminated by the reader so that students will have to follow the unvoiced portions of the text using visual cues alone.. They would have to combine what they already understood and what the predicted the silent words would be with their observations of visible phonemes in the silent word.</p> <p>SLO 2. Students be able to identify questions asked in a conversation.</p>
ALCB 222	JOB SEARCH SKILLS	<p>SLO 1. A. identify marketable skills and define a realistic job objective ILO 1. 2. Creative, critical and analytical thinking</p> <p>SLO 2. B. prepare a master application and resume ILO 2. 1. Communication 2. Creative, critical and analytical thinking</p> <p>SLO 3. C. identify a minimum of five sources for hard job leads ILO 3. 2. Creative, critical and analytical thinking</p> <p>SLO 4. D. successfully complete the interview session ILO 4. 1. Communication 2. Creative, critical and analytical thinking</p> <p>SLO 5. E. access a minimum of two job sites using the Internet ILO 5. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>
ALCB 223	CAREER RESOURCES	<p>SLO 1. A. develop an organized job search plan ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p> <p>SLO 2. B. use telephone to research job leads and obtain interviews ILO 2. 1. Communication 3. Computation</p> <p>SLO 3. C. maintain a daily contact sheet with 10 hard leads per week ILO 3. 2. Creative, critical and analytical thinking 3. Computation</p>

- SLO 4. D. demonstrate the use of the fax machine to contact employers  
ILO 4. 2. Creative, critical and analytical thinking 3. Computation
- SLO 5. E. use the Dictionary of Occupational Titles to create skills and qualifications for resume  
ILO 5. 2. Creative, critical and analytical thinking
- SLO 6. F. demonstrate uses of the Internet to locate job openings and post resume  
ILO 6. 2. Creative, critical and analytical thinking 3. Computation

## ALCB 224 EMPLOYMENT ISSUES

- SLO 1. Understand budget based on long and short term expenses.  
ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation
- SLO 2. Recognize discrimination and harassment in the workplace.  
ILO 2. 1. Communication 4. Community/global consciousness and responsibility

ALCB 229 WORK ADJUSTMENT FOR THE DISABLED No SLOs on file.

ALCB 230 INTRODUCTION TO THE COMPUTER FOR THE DISABLED No SLOs on file.

ALCB 231 CAREER PLANNING &amp; PERSONAL ASSESSMENT No SLOs on file.

## ALCB 403 CHANGING GENERATIONS

- SLO 1. Students will demonstrate an ability to relate to the thought and traditions of another generation.
- SLO 2. Students will demonstrate productive interactions with a person of another generation.

## ALCB 403X CHANGING GENERATIONS

- SLO 1. Student will be able to demonstrate an ability to relate to the thoughts and traditions of another generation with increased proficiency.
- SLO 2. Students will demonstrate productive interactions with a person of another generation with increased proficiency.

ALCB 403Y CHANGING GENERATIONS No SLOs on file.

## ALCB 406 WORLD NEWS DISCUSSION

- SLO 1. Demonstrate a basic ability to draw comparisons between current world news events and events from the past.
- SLO 2. State the importance of world news events from the perspective of experience and longevity.

## ALCB 406X WORLD NEWS DISCUSSION

- SLO 1. Demonstrate a basic ability to draw comparisons between current world news events and events from the past with increased proficiency.
- SLO 2. State the importance of world news events from the perspective of experience and longevity with increased proficiency.

## ALCB 406Y WORLD NEWS DISCUSSION

- SLO 1. Demonstrate a basic ability to draw comparisons betweenb current world news events and events from the past with increased proficiency.
- SLO 2. State the importance of world news events from the perspective of experience and longevity with increased proficiency.

## ALCB 407 SOCIAL CHANGE

- SLO 1. Demonstrate an ability to discuss social change, noting similarities and differences.
- SLO 2. Demonstrate an ability to engage interpersonally in communication in a group setting.

ALCB 407X SOCIAL CHANGE No SLOs on file.

## ALCB 407Y SOCIAL CHANGE

- SLO 1. Demonstrate an ability to discuss social change, noting similarities and differences.
- SLO 2. Demonstrate an ability to engage interpersonally in communication in a group setting.

ALCB 408 ART APPRECIATION No SLOs on file.



ALCB 408X	ART APPRECIATION	No SLOs on file.
ALCB 408Y	ART APPRECIATION	
	SLO 1. Student will demonstrate an increased knowledge and appreciation of the diversity of art styles.	
	SLO 2. Student will increase their ability to appreciate and identify the work of different artists.	
ALCB 409	MUSIC APPRECIATION	No SLOs on file.
ALCB 409X	MUSIC APPRECIATION	No SLOs on file.
ALCB 409Y	MUSIC APPRECIATION	
	SLO 1. Participating students will demonstrate a broader and more informed awareness of diversity in music.	
	SLO 2. Participating students will demonstrate increased listening sensitivity and auditory acuity through exposure to music reinforced by lecture and discussion.	
ALCB 411	HEALTH ISSUES	
	SLO 1. The student will assess their past health behaviors and explain how the intervention of this class has influenced their current behaviors.	
	SLO 2. The student will compare and contrast preconceived ideas about health, wellness, fitness and aging to the current research in these areas.	
ALCB 411X	HEALTH ISSUES	
	SLO 1. Participating students will demonstrate their understanding of the debilitating effects that illness and poor health have upon self-image and relationships.	
	SLO 2. Participating students will identify useful coping strategies for dealing with illness.	
ALCB 411Y	HEALTH ISSUES	
	SLO 1. Participating students will demonstrate their understanding of the debilitating effects that illness and poor health have upon self-image and relationships.	
	SLO 2. Participating students will identify useful coping strategies for dealing with illness.	
ALCB 413	RELAXATION TECHNIQUES	
	SLO 1. Participating students will examine different manifestations of stress and describe their impacts on mental and physical health.	
	SLO 2. Participating students will demonstrate their application of relaxation techniques to reduce stress and alleviate tension.	
ALCB 413X	RELAXATION TECHNIQUES	No SLOs on file.
ALCB 413Y	RELAXATION TECHNIQUES	
	SLO 1. Participating students will examine different manifestations of stress and describe their impacts on mental and physical health.	
	SLO 2. Participating students will demonstrate their application of relaxation techniques to reduce stress and alleviate tension.	
ALCB 414	STRESS MANAGEMENT	No SLOs on file.
ALCB 414X	STRESS MANAGEMENT	No SLOs on file.
ALCB 414Y	STRESS MANAGEMENT	No SLOs on file.
ALCB 421	AROUND THE WORLD IN TRAVEL STUDY	No SLOs on file.
ALCB 421X	AROUND THE WORLD IN TRAVEL STUDY	No SLOs on file.
ALCB 421Y	AROUND THE WORLD IN TRAVEL STUDY	
	SLO 1. Participating students will demonstrate the ability to recall and recount their own personal travel experiences and/or recall and relate to the travel experiences of others.	
	SLO 2. Participating students will demonstrate the ability to listen to, validate and discuss travel experiences recollected by others.	
ALCB 431	ANALYSIS OF CURRENT EVENTS	



**SLO 1.** Participating students will show evidence of understanding the basic news elements – the what, when, where, how and why -- associated with key events as they occur weekly on the local, national and international scene.

**SLO 2.** Participating students will demonstrate their ability to compare and contrast current news events substantively with past news events.

ALCB 431X ANALYSIS OF CURRENT EVENTS

**SLO 1.** Increase knowledge of local, national and international news events with increased proficiency.

**SLO 2.** Compare and contrast current news events with past news events with increased proficiency.

ALCB 431Y ANALYSIS OF CURRENT EVENTS

**SLO 1.** Increase knowledge of local, national and international news events with increased proficiency.

**SLO 2.** Compare and contrast current news events with past news events with increased proficiency.

ALCB 431Z ANALYSIS OF CURRENT EVENTS

**SLO 1.** Increase knowledge of local, national and international news events, with increased proficiency.

**SLO 2.** Compare and contrast current news events with past news events, with increased proficiency.

ALCB 451 DRAWING & PAINTING

No SLOs on file.

ALCB 451X DRAWING & PAINTING

No SLOs on file.

ALCB 451Y DRAWING & PAINTING

**SLO 1.** Participating students will show evidence of increased creative exploration and capacity for self-expression through drawing and painting.

**SLO 2.** Participating students will show evidence of the acquisition and/or improvement of skills and techniques specific to drawing and painting.

ALCB 451Z DRAWING & PAINTING

No SLOs on file.

ALCB 455 MUSIC & MOVEMENT

**SLO 1.** Participating students will demonstrate the ability to respond kinesthetically to music.

**SLO 2.** Participating students will demonstrate the ability to identify characteristics of music used in music exercise.

ALCB 455X MUSIC & MOVEMENT FOR THE DISABLED

ALCB 455Y MUSIC & MOVEMENT

No SLOs on file.

ALCB 455Z MUSIC & MOVEMENT

No SLOs on file.

ALCB 456 CRAFTS

**SLO 1.** Participating students will demonstrate increased proficiency in using craft-related materials as a means of self-expression.

**SLO 2.** Participating students will show evidence of acquiring and/or developing techniques that enable them to produce crafted art objects.

ALCB 456X CRAFTS

No SLOs on file.

ALCB 456Y CRAFTS

No SLOs on file.

ALCB 456Z CRAFTS

No SLOs on file.

ALCB 462 VERBAL EXPRESSION

**SLO 1.** Participating students will demonstrate greater proficiency in conveying thoughts and feelings verbally in social, family and workplace settings.

**SLO 2.** Participating students will demonstrate improvement in listening skills by recalling information in conversation, displaying patience and social etiquette, showing tolerance and respect for diversity, and recognizing and responding appropriately to social and nonverbal cues.

ALCB 462X	VERBAL EXPRESSION	No SLOs on file.
ALCB 462Y	VERBAL EXPRESSION	
	<p><b>SLO 1.</b> Participating students will demonstrate greater proficiency in conveying thoughts and feelings verbally in social, family and workplace settings.</p> <p><b>SLO 2.</b> Participating students will demonstrate improvement in listening skills by recalling information in conversation, displaying patience and social etiquette, showing tolerance and respect for diversity, and recognizing and responding appropriately to social and nonverbal cues.</p>	
ALCB 462Z	VERBAL EXPRESSION	No SLOs on file.
ALCB 463	CREATIVE WRITING	No SLOs on file.
ALCB 463X	CREATIVE WRITING	No SLOs on file.
ALCB 463Y	CREATIVE WRITING	No SLOs on file.
ALCB 464	POETRY & LITERATURE	
	<p><b>SLO 1.</b> Participating students will show evidence that, through critical reading of selected texts, reinforced by lecture, discussion and in-class writing, they have attained a broader understanding of poetry and literature's diversity and expressive power.</p> <p><b>SLO 2.</b> Participating students will demonstrate their understanding of one or more critical terms useful in analyzing poetry and literature (e.g., rhyme, meter, metaphor, diction, plot, point of view, character development, dialogue, and genre).</p>	
ALCB 464X	POETRY & LITERATURE	No SLOs on file.
ALCB 464Y	POETRY & LITERATURE	No SLOs on file.
ALCB 465	CREATIVE SELF-EXPRESSION	
	<p><b>SLO 1.</b> Participating students will demonstrate an understanding of how adapted forms of artistic expression can enhance creativity and self-expression.</p> <p><b>SLO 2.</b> Participating students will demonstrate their ability to utilize a creative medium for self-expression (e.g., drama, music, art or writing).</p>	
ALCB 465X	CREATIVE SELF-EXPRESSION	No SLOs on file.
ALCB 465Y	CREATIVE SELF-EXPRESSION	No SLOs on file.
ALCB 465Z	CREATIVE SELF-EXPRESSION	No SLOs on file.
ALCB 481	EXERCISE FOR THE OLDER DISABLED ADULT	No SLOs on file.
ALCB 481X	EXERCISE FOR THE OLDER DISABLED ADULT	
	<p><b>SLO 1.</b> Participating students will achieve improvements in their personal fitness levels in one or more of the following categories: proprioception (body awareness), balance, movement efficiency, strength, endurance, flexibility, range of motion, and aerobic capacity.</p> <p><b>SLO 2.</b> Participating students will demonstrate their understanding of the connections between exercise, health and well-being.</p>	
ALCB 481Y	EXERCISE FOR THE OLDER DISABLED ADULT	
	<p><b>SLO 1.</b> Participating students will achieve improvements in their personal fitness levels in one or more of the following categories: proprioception (body awareness), balance, movement efficiency, strength, endurance, flexibility, range of motion, and aerobic capacity.</p> <p><b>SLO 2.</b> Participating students will demonstrate their understanding of the connections between exercise, health and well-being.</p>	
ALCB 481Z	EXERCISE FOR THE OLDER DISABLED ADULT	No SLOs on file.

5 of 7 Course IDs for *ALLD* in the Adaptive Learning Division have SLO's.

2010-2011

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Course ID	Title	SLO's
ALLD 206	PARAGRAPH REMEDIATION	
	<p><b>SLO 1.</b> - Identify particular learning style, strengths, and weaknesses using writing assessment and learning styles inventory</p>	

- SLO 2.** - Identify particular learning style, strengths, and weaknesses using writing assessment and learning styles inventory  
 - Develop writing strategies and compensatory techniques focusing on structure, content and analysis.

**ALLD 207 BASIC MATH REMEDIATION**

- SLO 1.** Identify their particular learning style, strengths and weaknesses teacher observation notes and learning styles assessment results.  
**ILO 1.** 2. Creative, critical and analytical thinking  
**SLO 2.** - Develop and apply compensatory strategies, effective study skills and test taking methods.  
**ILO 2.** 2. Creative, critical and analytical thinking  
**SLO 3.** Demonstrate basic fundamentals in arithmetic such as addition, subtraction, multiplication and division.  
**ILO 3.** 2. Creative, critical and analytical thinking 3. Computation  
**SLO 4.** Check in with Math Instructors to maintain constant communication.  
**ILO 4.** 1. Communication

**ALLD 207X BASIC MATH REMEDIATION**

No SLOs on file.

**ALLD 210 UNDERSTANDING LEARNING DIFFERENCES**

- SLO 1.** Identify different parts of the brain and their functions, and how it relates to memory, cognition, and emotions.  
**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility  
**SLO 2.** Evaluate individual learning preferences, strengths, weaknesses, and interests.  
**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**ALLD 211 ENHANCING COLLEGE SUCCESS**

- SLO 1.** Describe their strengths and weaknesses based on personal history  
**SLO 2.** Describe 2 long term goals and formulate a plan to accomplish them  
**SLO 3.** Visit a college campus and describe how it may or may not enhance student's future goals.

**ALLD 211S ENHANCING COLLEGE SUCCESS**

No SLOs on file.

**ALLD 212 STUDENT SUCCESS STRATEGIES**

No SLOs on file.

20 of 21 Course IDs for *ALTW* in the Adaptive Learning Division have SLO's.

2010-2011

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Course ID	Title	SLO's
ALTW 201	BASIC ENGLISH FOR THE DISABLED STUDENT	
	<b>SLO 1.</b> A. compose a sentence that is grammatically correct and punctuated correctly.	
	<b>ILO 1.</b> 3. Computation	
	<b>SLO 2.</b> B. Plan and compose simple paragraphs.	
	<b>ILO 2.</b> 3. Computation	
	<b>SLO 3.</b> C. Examine the ability to apply basic English skills through practical applications.	
	<b>ILO 3.</b> 2. Creative, critical and analytical thinking	
ALTW 202	BASIC MATH SKILLS FOR THE DISABLED STUDENT	
	<b>SLO 1.</b> A. Solve basic math function and money handling problems.	
	<b>ILO 1.</b> 3. Computation	
	<b>SLO 2.</b> B. Sort money and make change.	
	<b>ILO 2.</b> 3. Computation	

- ALTW 203      LEARNING STYLES & STRATEGIES FOR THE DISABLED STUDENT
- SLO 1. A. Examine his/her learning style and patterns
  - ILO 1. 2. Creative, critical and analytical thinking
  - SLO 2. B. Formulate personal values and attributes
  - ILO 2. 4. Community/global consciousness and responsibility
  - SLO 3. C. Examine and understand work style and developmental needs
  - ILO 3. 2. Creative, critical and analytical thinking
  - SLO 4. D. Create his /her personal profile
  - ILO 4. 2. Creative, critical and analytical thinking
- ALTW 204      COMMUNICATION SKILLS FOR THE DISABLED STUDENT
- SLO 1. A. Examine appropriate assertive skills to start and end conversations.
  - ILO 1. 1. Communication
  - SLO 2. B. Assess the role of non-verbal body language in the communication process.
  - ILO 2. 1. Communication
- ALTW 205      OFFICE SKILLS FOR THE DISABLED STUDENT
- SLO 1. A. Compare the different filing systems
  - ILO 1. 2. Creative, critical and analytical thinking
  - SLO 2. B. Examine and appraise e-mail procedures such as sending an attachment.
  - ILO 2. 2. Creative, critical and analytical thinking 3. Computation
  - SLO 3. C. Investigate the Postal Service and basic mail handling procedures.
  - ILO 3. 2. Creative, critical and analytical thinking 3. Computation
- ALTW 206      BEGINNING WORD PROCESSING FOR THE DISABLED STUDENT
- SLO 1. Demonstrate ability to save files to and retrieve files from a flash drive
  - SLO 2. Produce and format a Word document
- ALTW 207      RESOURCES IN THE COMMUNITY FOR THE DISABLED STUDENT
- SLO 1. A. Appraise and access community support systems
  - ILO 1. 2. Creative, critical and analytical thinking
  - SLO 2. B. Compare types of public transit.
  - ILO 2. 2. Creative, critical and analytical thinking 3. Computation
  - SLO 3. C. Examine the public & private resources in the community
  - ILO 3. 2. Creative, critical and analytical thinking 3. Computation
- ALTW 208      JOB TRAINING/INTERNSHIP FOR THE DISABLED STUDENT
- SLO 1. A. Examine vocational choices
  - SLO 2. B. Apply "on-the -job" training on Foothill Campus
  - ILO 2. 3. Computation 4. Community/global consciousness and responsibility
  - SLO 3. C. Build from work evaluations from supervisors from performance of job responsibilities at work site
  - ILO 3. 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- ALTW 209      SOCIAL SKILLS FOR THE DISABLED STUDENT
- SLO 1. A. Examine what improved self-esteem is.
  - ILO 1. 1. Communication 2. Creative, critical and analytical thinking
  - SLO 2. B. Assess what appropriate social skills are.
  - ILO 2. 1. Communication 2. Creative, critical and analytical thinking
  - SLO 3. C. Analyze what appropriate behavior in professional and work situations is.

SLO 4. D. differentiate between good and bad interactions between peers, family members and others.

ILO 4. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

ALTW 210 OFFICE APPLICATIONS FOR THE DISABLED STUDENT

SLO 1. A. Build the ability to complete assigned offices tasks

ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

SLO 2. B. Examine and formulate the use office etiquette in performing clerical functions.

ILO 2. 2. Creative, critical and analytical thinking 3. Computation

SLO 3. C. Apply oral communication and telecommunication skills.

ILO 3. 1. Communication 2. Creative, critical and analytical thinking

SLO 4. D. Apply the ability to use fax, telephone, copy machines and internet.

ILO 4. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

ALTW 211 INTRODUCTION TO EXCEL FOR THE DISABLED STUDENT

SLO 1. Produce simple data entry tasks such as creating a spreadsheet, entering data and editing data in a spreadsheet

SLO 2. Use Excel to add, subtract, multiply and divide.

ALTW 212 JOB SEARCH SKILLS: THE RESUME FOR THE DISABLED STUDENT

SLO 1. A. Assess skills and justify a realistic job objective

ILO 1. 2. Creative, critical and analytical thinking 3. Computation

SLO 2. B. Examine and develop personal information.

ILO 2. 2. Creative, critical and analytical thinking

SLO 3. C. Create a "working" resume on the computer

ILO 3. 3. Computation

SLO 4. D. Compose a sample job application.

ILO 4. 3. Computation

ALTW 213 WORK ATTITUDES & BEHAVIOR FOR THE DISABLED STUDENT

SLO 1. A. Compares and examines appropriate work behavior

ILO 1. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

SLO 2. B. Analyzes and examines responding to criticism and job evaluations.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

SLO 3. C. Examines and identifies their fears and expectations as they relate to work.

ILO 3. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

ALTW 214 JOB SEARCH SKILLS: THE INTERVIEW FOR THE DISABLED STUDENT

SLO 1. A. Examine and become familiar with most frequently asked interview questions

ILO 1. 2. Creative, critical and analytical thinking

SLO 2. B. Apply good interviewing techniques

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

SLO 3. C. Build and compose education, experience and skills into an interview

ILO 3. 1. Communication 2. Creative, critical and analytical thinking

SLO 4. D. Differentiate between easy and difficult questions are during an interview.

ALTW 215 TRANSITION TO WORK FOR THE DISABLED STUDENT

SLO 1. A. Create a personal informational portfolio/folder

ILO 1. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

SLO 2. B. Justify realistic job goals

- ILO 2. 2. Creative, critical and analytical thinking  
 SLO 3. C. Formulate tools for job preparation and job search  
 ILO 3. 2. Creative, critical and analytical thinking

ALTW 216            DISABILITY & THE LAW FOR THE DISABLED STUDENT

- SLO 1. A. Examines and assesses their disability and learns about the disabilities of others  
 ILO 1. 2. Creative, critical and analytical thinking  
 SLO 2. B. Appraises basic citizens' rights and responsibilities  
 ILO 2. 2. Creative, critical and analytical thinking  
 SLO 3. C. Examines and assesses the importance of the Americans with Disability Act/accommodations  
 ILO 3. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

ALTW 217            INTERMEDIATE COMPUTER APPLICATIONS FOR THE  
 DISABLED STUDENT

No SLOs on file.

ALTW 218            CURRENT EVENTS FOR THE DISABLED STUDENT

- SLO 1. A. Constructs three different sources of news information.  
 ILO 1. 2. Creative, critical and analytical thinking 3. Computation  
 SLO 2. B. Analyzes the advantages and disadvantages of receiving news through the media.  
 ILO 2. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility  
 SLO 3. C. Examines specific types of information in a newspaper.  
 ILO 3. 2. Creative, critical and analytical thinking 3. Computation  
 SLO 4. D. Applies the methods on how to use a television guide in order to find current events programming.  
 ILO 4. 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

ALTW 219            USING THE INTERNET FOR THE DISABLED STUDENT

- SLO 1. A. understand about the Internet and the World Wide Web and how it evolved  
 SLO 2. B. define Internet vocabulary, terminology and etiquette.  
 SLO 3. C. describe Internet hardware and software  
 SLO 4. D. demonstrate how to access the specific information  
 SLO 5. E. understand and practice Internet etiquette

ALTW 401            ELIGIBILITY ASSESSMENT FOR THE DISABLED STUDENT

- SLO 1. Perform reading and math at levels appropriate to complete the TTW assignments.  
 SLO 2. Work independently.

ALTW 402            TRANSITION TO WORK ORIENTATION

No SLOs on file.

12 of 24 Course IDs for *ANTH* in the Business and Social Sciences Division            2010-2011  
 have SLO's.

Course ID	Title	SLO's
ANTH 1	INTRODUCTION TO PHYSICAL ANTHROPOLOGY	
	SLO 1. Students will practice and apply understandings of evolution.	
	SLO 2. Students will learn how to critically analyze and interpret physical anthropological data.	
	SLO 3. Students will apply anthropological principles for solving human problems on the local, regional and world scales.	
ANTH 1L	PHYSICAL ANTHROPOLOGY LABORATORY	
	SLO 1. Students will practice and apply understandings of evolution in a laboratory setting.	

SLO 2. Students will learn how to critically analyze and interpret physical anthropological data.

SLO 3. Students will apply anthropological principles for solving human problems on the local, regional and world scales.

ANTH 2A CULTURAL ANTHROPOLOGY

SLO 1. Students will practice cultural relativism and apply understandings of global diversity.

SLO 2. Students will learn how to critically analyze and interpret ethnographic data.

SLO 3. Students will apply anthropological principles for solving human problems on the local, regional and world scales.

ANTH 2B PATTERNS OF CULTURE

SLO 1. Students will practice cultural relativism and apply understandings of global diversity to investigations of current society.

SLO 2. Students will learn how to critically analyze and interpret ethnographic data acquired as part of in-depth field research.

SLO 3. Students will apply anthropological principles for solving human problems on the local, regional and world scales.

ANTH 3 PREHISTORY: THE SEARCH FOR LOST CIVILIZATIONS

SLO 1. Students will practice and apply understandings of the development of civilizations.

SLO 2. Students will learn how to critically analyze and interpret archaeological data.

SLO 3. Students will apply anthropological principles for solving human problems on the local, regional and world scales.

ANTH 4 FIRST PEOPLES OF NORTH AMERICA

SLO 1. Students will practice and apply understandings of North American indigenous groups' persistent lifestyles, cultural continuities and changes, and current impacts upon national economics, history, popular culture, and political systems.

SLO 2. Students will learn how to critically analyze and interpret historical data about Native Americans.

SLO 3. Students will apply anthropological principles for solving human problems on the local, regional and world scales.

ANTH 5 MAGIC, SCIENCE & RELIGION

SLO 1. Students will practice and apply understandings of the ways in which people have attempted to gain mastery over the natural and supernatural worlds.

SLO 2. Students will learn how to critically analyze and interpret ethnographic data.

SLO 3. Students will apply anthropological principles for solving human problems on the local, regional and world scales.

ANTH 6 PEOPLES OF AFRICA

SLO 1. Students will practice and apply understandings of historical and contemporary cultural diversity of Africa emphasizing its social, political and economic organizational structures.

SLO 2. Students will learn how to critically analyze and interpret ethnographic data on the African Diaspora.

SLO 3. Students will apply anthropological principles for solving human problems on the local, regional and world scales.

ANTH 8 INTRODUCTION TO ARCHAEOLOGY

SLO 1. Students will practice and apply understandings of archaeological method and theory.

SLO 2. Students will learn how to critically analyze and interpret archaeological data gathered from fieldwork.

SLO 3. Students will apply anthropological principles for solving human problems on the local, regional and world scales.

ANTH 8L ARCHAEOLOGY LABORATORY

No SLOs on file.

ANTH 8LX ARCHAEOLOGY LABORATORY

No SLOs on file.



ANTH 8LY	ARCHAEOLOGY LABORATORY	No SLOs on file.
ANTH 11	ARCHAEOLOGICAL FIELD METHODS	No SLOs on file.
ANTH 11B	ARCHAEOLOGY SURVEY	No SLOs on file.
ANTH 12	APPLIED ANTHROPOLOGY	
	<p><b>SLO 1.</b> Students will practice cultural relativism and apply understandings of global diversity in a practical and applied form.</p> <p><b>ILO 1.</b> 4. Community/global consciousness and responsibility</p> <p><b>SLO 2.</b> Students will learn how to critically analyze and interpret anthropology data so that it can be used to apply to real-world issues.</p> <p><b>ILO 2.</b> 2. Creative, critical and analytical thinking 3. Computation</p> <p><b>SLO 3.</b> Students will apply anthropological principles for solving human problems on the local, regional and world scales.</p> <p><b>ILO 3.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>	
ANTH 20	NATIVE PEOPLES OF CALIFORNIA	No SLOs on file.
ANTH 22	THE AZTEC, MAYA & THEIR PREDECESSORS	No SLOs on file.
ANTH 34H	HONORS INSTITUTE SEMINAR IN ANTHROPOLOGY	No SLOs on file.
ANTH 35	DEPARTMENT HONORS PROJECTS IN ANTHROPOLOGY	No SLOs on file.
ANTH 36	SPECIAL PROJECTS IN ANTHROPOLOGY	
	<p><b>SLO 1.</b> Students will practice and apply understandings of a special project in anthropology.</p> <p><b>SLO 2.</b> Students will learn how to critically analyze and interpret anthropological data.</p> <p><b>SLO 3.</b> Students will apply anthropological principles for solving human problems on the local, regional and world scales.</p>	
ANTH 36X	SPECIAL PROJECTS IN ANTHROPOLOGY	No SLOs on file.
ANTH 36Y	SPECIAL PROJECTS IN ANTHROPOLOGY	No SLOs on file.
ANTH 36Z	SPECIAL PROJECTS IN ANTHROPOLOGY	No SLOs on file.
ANTH 50	MEDICAL ANTHROPOLOGY: METHODS & PRACTICE	
	<p><b>SLO 1.</b> Students will practice and apply understandings of an evolutionary perspective to changing relationships between human societies, ecologies and illness.</p> <p><b>SLO 2.</b> Students will learn how to critically analyze and interpret methods and practice of medical anthropology.</p> <p><b>SLO 3.</b> Students will apply anthropological principles for solving human problems on the local, regional and world scales.</p>	

1 of 20 Course IDs for *APEL* in the Computers, Technology & Information Systems Division have SLO's.

2010-2011

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Course ID	Title	SLO's
APEL 112	RESIDENTIAL ELECTRICAL AIR CONDITIONING & REFRIGERATION; TELEPHONE SYSTEMS	
	<p><b>SLO 1.</b> Demonstrate the proper procedure to test for power in an air condition system</p> <p><b>SLO 2.</b> Identify the parts in a Telephone system</p>	
APEL 113	RESIDENTIAL ELECTRICAL SYSTEMS: BASIC SECURITY, SOLAR POWER, HOME AUTOMATION & LIFE SAFETY	No SLOs on file.
APEL 120	ORIENTATION TO THE ELECTRICAL TRADE	No SLOs on file.
APEL 121	ELECTRON THEORY; BASIC BLUEPRINT READING; DC THEORY; NATIONAL ELECTRICAL CODE INTRODUCTION	No SLOs on file.
APEL 122	CODEOLOGY; TEST EQUIPMENT; PIPE BENDING; BLUEPRINTS	No SLOs on file.
APEL 123	AC THEORY; TRANSFORMERS; INTERMEDIATE NATIONAL ELECTRICAL CODE	No SLOs on file.

APEL 124	DC/AC THEORY REVIEW; ELECTRONICS; INDUSTRIAL BLUEPRINTS	No SLOs on file.
APEL 125	NEC GROUNDING; OVERCURRENT PROTECTION; TRANSFORMER CONNECTIONS	No SLOs on file.
APEL 126	MOTORS; MOTOR CONTROL; LIGHTING PROTECTION	No SLOs on file.
APEL 127	DIGITAL ELECTRONICS; MOTOR SPEED CONTROL; ADVANCED NATIONAL ELECTRICAL CODE	No SLOs on file.
APEL 127A	DIGITAL ELECTRONICS; MOTOR SPEED CONTROL	No SLOs on file.
APEL 128	PROGRAMMABLE LOGIC CONTROLLERS; LOW VOLTAGE SYSTEMS & HIGH VOLTAGE SYSTEMS	No SLOs on file.
APEL 129	NATIONAL ELECTRICAL CODE REVIEW	No SLOs on file.
APEL 129A	ELECTRICAL SYSTEMS	No SLOs on file.
APEL 129B	BASIC ESTIMATING/TAKE-OFF & ELECTRICAL SAFETY-RELATED WORK PRACTICES	No SLOs on file.
APEL 130	OSHA SAFETY & HEALTH	No SLOs on file.
APEL 135	RESIDENTIAL ELECTRICAL ORIENTATION; SAFETY & CODE INTRODUCTION	No SLOs on file.
APEL 136	RESIDENTIAL ELECTRICAL D/C THEORY; BLUEPRINT READING	No SLOs on file.
APEL 137	RESIDENTIAL ELECTRICAL A/C THEORY & CIRCUITRY	No SLOs on file.
APEL 138	RESIDENTIAL WIRING LAYOUT & INSTALLATION	No SLOs on file.

0 of 16 Course IDs for *APIW* in the Computers, Technology & Information Systems Division have SLO's.

2010-2011

1 of 24 Course IDs for *APPR* in the Computers, Technology & Information Systems Division have SLO's.

2010-2011

Course ID	Title	SLO's
APPR 111	BASIC MATH, SCIENCE & ELECTRICITY SLO 1. Perform mathematical operations SLO 2. Calculate piping off-sets SLO 3. Calculate pipe fitting allowances in pipe measurements	
APPR 117A	CUTTING & WELDING FOR PLUMBERS	No SLOs on file.
APPR 132C	MECHANICAL SYSTEMS	No SLOs on file.
APPR 139A	REMEDIAL CONSTRUCTION TRADE MATH	No SLOs on file.
APPR 150	BASIC THEORY, USE OF TOOLS, JOB SAFETY & HEALTH	No SLOs on file.
APPR 151	THEORY & PRACTICE OF GAS WELDING, COPPER, CAST IRON, BRAZING, PLASTIC HOT AIR WELDING, VICTALIC, FLANGE, & FLAME CUTTING	No SLOs on file.
APPR 161	AIR CONDITIONING, PNEUMATIC CONTROLS, INSTRUMENTATION & PROCESS CONTROLS	No SLOs on file.
APPR 163	REFRIGERATION ASSEMBLY & REPAIR	No SLOs on file.
APPR 164	TRANSIT; SOLAR; SPECIAL PURPOSE INSTALLATIONS; SERVICE WORK & HUMAN RELATIONSHIP; HYDRONIC HEATING & COOLING	No SLOs on file.
APPR 165	APPRENTICESHIP ENERGY MANAGEMENT	No SLOs on file.
APPR 178	STRUCTURAL II	No SLOs on file.
APPR 183A	BASIC ELECTRICITY FOR SHEET METAL & AIR CONDITIONING SERVICE	No SLOs on file.
APPR 183B	ADVANCED ELECTRICITY FOR SHEET METAL & AIR CONDITIONING SERVICE	No SLOs on file.

APPR 184A	AIR CONDITIONING; COMMERCIAL SYSTEMS; HEATING (FOURTH YEAR SERVICE)	No SLOs on file.
APPR 184B	COMMERCIAL SYSTEMS; HEAT LOADS; PIPING (FOURTH YEAR SERVICE)	No SLOs on file.
APPR 185A	BASIC REFRIDGERATION FOR SHEET METAL AIR CONDITIONING SERVICE	No SLOs on file.
APPR 185B	ADVANCED REFRIGERATION FOR SHEET METAL AIR CONDITIONING SERVICE	No SLOs on file.
APPR 186A	PROPERTIES OF AIR DISTRIBUTION FOR SHEET METAL AIR CONDITIONING SERVICE	No SLOs on file.
APPR 186B	REFRIDGERATION THEORY FOR SHEET METAL AIR CONDITIONING SERVICE	No SLOs on file.
APPR 187	INDUSTRIAL FIRST AID & CPR TRAINING	No SLOs on file.
APPR 188A	ORIENTATION; SAFETY & BEGINNING RESIDENTIAL SHEET METAL INSTALLATION (SPECIALIST 1A)	No SLOs on file.
APPR 188B	RESIDENTIAL COMPONENTS IDENTIFICATION & INSTALLATION (SPECIALIST 1B)	No SLOs on file.
APPR 189A	RESIDENTIAL SYSTEMS; DUCT & HVAC SYSTEMS (SPECIALIST 2A)	No SLOs on file.
APPR 189B	PLANS & ARCHITECTURAL APPLICATIONS FOR RESIDENTIAL SHEET METAL (SPECIALIST 2B)	No SLOs on file.

0 of 62 Course IDs for *APPT* in the Computers, Technology & Information Systems Division have SLO's. 2010-2011

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0 of 47 Course IDs for *APRT* in the Computers, Technology & Information Systems Division have SLO's. 2010-2011

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0 of 6 Course IDs for *APSC* in the Computers, Technology & Information Systems Division have SLO's. 2010-2011

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0 of 37 Course IDs for *APSM* in the Computers, Technology & Information Systems Division have SLO's. 2010-2011

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51 of 78 Course IDs for *ART* in the Fine Arts and Communication Division have SLO's. 2010-2011

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Course ID	Title	SLO's
ART 1	INTRODUCTION TO ART	
	SLO 1. Evaluate and interpret in writing artwork produced in a variety of media (e.g., photography, printmaking, painting, and performance, etc.) by a selection of contemporary artists (e.g., Lorna Simpson, Guillermo Gomez-Pena, Hung Liu, etc.) whose work exemplifies the creativity of multicultural America.	
	SLO 2. Analyze and describe a single actual work of art in an in-depth essay utilizing specific art historical methodology, which focuses on the role of the viewer in creating meaning in a work of art.	

ART 2A	HISTORY OF ART: HISTORY OF WESTERN ART FROM PREHISTORY THROUGH EARLY CHRISTIANITY
	<p><b>SLO 1.</b> The student will be able to identify and name art from the broad variety of cultures covered by the course based on a comprehensive knowledge of style, function, and meaning.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p> <p><b>SLO 2.</b> Analyze the impact of the environment and social norms on the production of art and formulate specific conclusions based on this interplay of nature and culture.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>
ART 2AH	HONORS ART HISTORY: HISTORY OF WESTERN ART FROM PREHISTORY THROUGH EARLY CHRISTIANITY
	<p><b>SLO 1.</b> Demonstrate, in written form, a thorough understanding of Classical Athenian art within the context of the complex social and political milieu of the fifth century BC.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p> <p><b>SLO 2.</b> Explain the possible meaning(s) of Paleolithic cave paintings taking into account the latest published literature on ritual and trance.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>
ART 2B	HISTORY OF WESTERN ART FROM THE MIDDLE AGES TO THE RENAISSANCE
	<p><b>SLO 1.</b> Demonstrate the ability to assemble and use an appropriate bibliography (works cited page) for the required term paper.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility</p> <p><b>SLO 2.</b> Explain in written form the relationship between commerce, nascent capitalism, a growing mercantile class, and artistic production in the 15th and 16th centuries in Italy.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>
ART 2BH	HONORS HISTORY OF WESTERN ART FROM THE MIDDLE AGES TO THE RENAISSANCE
	<p><b>SLO 1.</b> Analyze and describe specific works of art with reference to their social, political, and theological context.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p> <p><b>SLO 2.</b> Assess, in written form, the impact of the Germanic and Celtic culture on the formulation of a new western Christian art in the early middle ages.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>
ART 2C	HISTORY OF WESTERN ART FROM THE BAROQUE TO POST IMPRESSIONISM
	<p><b>SLO 1.</b> Critically assess, in written form, the impact of industrial development on both the production and consumption of art.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p> <p><b>SLO 2.</b> Discuss and interpret Italian Baroque art within the context of Counter Reformation ideology, the voyages of global exploration, and the scientific discoveries of the 16th century.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>

- ART 2CH HONORS HISTORY OF WESTERN ART FROM THE BAROQUE TO POST IMPRESSIONISM
- SLO 1. Identify and name the major art historical periods from the 16th to the 19th century.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2. Contrast the varied artistic responses to the Industrial revolution with specific reference to meaning and subtext.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- ART 2D AFRICAN, OCEANIC & NATIVE AMERICAN ART
- SLO 1. Identify and analyze within their socio-historical contexts a variety of art objects and related traditions from Africa (e.g., Nigeria, Ghana, Mali, etc.), Oceania (e.g., New Guinea, Hawaii, Rapa Nui, etc.) and Native North America (e.g., Pueblo, Inuit, Northwest Coast, etc.)
- SLO 2. Evaluate and examine the role of ethnic/cultural heritage in your own life and in contemporary American society as a whole, based on an understanding of African, Oceanic, and Native American traditions (such as personal adornment, ancestor commemoration, etc.) discussed in Art 2D.
- ART 2E A HISTORY OF WOMEN IN ART
- SLO 1. Utilizing a chronological and thematic approach, students will evaluate and discuss the culturally diverse arts produced by women in the history of art, from the Middle Ages to the present.
- SLO 2. Analyze in written form, the influences on art produced by women of such issues as gender, race, socio-economic and political conditions, increasing urbanization and conceptions of nature.
- ART 3 MODERN ART & CONTEMPORARY THOUGHT
- SLO 1. Identify and assess the dominant styles (Cubism, Surrealism, etc.) in modern art based on their impact twentieth-century culture.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2. Develop a rationale for Pop Art using a methodology focusing on social and economic changes in twentieth-century America.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- ART 4A DRAWING I
- SLO 1. Students will be able to render a still life in a direction of light using multiple tonal values with charcoal.
- ILO 1. 3. Computation
- SLO 2. Students will be able to communicate, discuss and identify the personal and cultural differences in a class critique
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking
- ART 4AS DRAWING I
- SLO 1. Students will be able to render a still life in a direction of light using multiple tonal values with charcoal.
- ILO 1. 3. Computation
- SLO 2. Students will be able to communicate, discuss and identify the personal and cultural differences in a class critique.
- ILO 2. 2. Creative, critical and analytical thinking 3. Computation
- ART 4AT DRAWING I
- SLO 1. Students will be able to render a still life in a direction of light using multiple tonal values with charcoal.
- ILO 1. 3. Computation

**SLO 2.** Students will be able to communicate, discuss and identify the personal and cultural differences in a class critique

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**ART 4B DRAWING II**

**SLO 1.** Students will be able to render a complex still life in a direction of light with color pastels

**ILO 1.** 2. Creative, critical and analytical thinking 3. Computation

**SLO 2.** Students will be able to communicate, discuss and identify the personal and cultural differences in a verbal or written class critique

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation

**ART 4BS DRAWING II**

**SLO 1.** Students will be able to render a complex still life in a direction of light with color pastels

**ILO 1.** 2. Creative, critical and analytical thinking 3. Computation

**SLO 2.** Students will be able to communicate, discuss and identify the personal and cultural differences in a verbal or written class critique

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation

**ART 4BT DRAWING II**

**SLO 1.** Students will be able to render a complex still life in a direction of light with color pastels

**ILO 1.** 3. Computation

**SLO 2.** Students will be able to communicate, discuss and identify the personal and cultural differences in a verbal or written class critique

**ILO 2.** 3. Computation

**ART 4C DRAWING III**

**SLO 1.** Students will be able to create a series of drawings that express a personal point of view, a theme, or personal content

**ILO 1.** 2. Creative, critical and analytical thinking 3. Computation

**SLO 2.** Students will be able to communicate, discuss and identify the personal and cultural differences in a class critique

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**ART 4CS DRAWING III**

**SLO 1.** Students will be able to create a series of drawings that express a personal point of view, a theme, or personal content

**ILO 1.** 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Students will be able to communicate, discuss and identify the personal and cultural differences in a class critique

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**ART 4CT DRAWING III**

**SLO 1.** Students will be able to create a series of drawings that express a personal point of view, a theme, or personal content

**ILO 1.** 2. Creative, critical and analytical thinking 3. Computation

**SLO 2.** Students will be able to communicate, discuss and identify the personal and cultural differences in a class critique

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**ART 4D FIGURE DRAWING**

**SLO 1.** Students will be able to measure the correct proportion in a figure drawing

**ILO 1.** 3. Computation

SLO 2. Students will be able to use a variety of lines in a figure drawing

ILO 2. 3. Computation

ART 4DS                      FIGURE DRAWING

SLO 1. Students will be able to measure the correct proportion in a figure drawing

ILO 1. 3. Computation

SLO 2. Students will be able to use a variety of lines in a figure drawing

ILO 2. 3. Computation

ART 4DT                      FIGURE DRAWING

SLO 1. Students will be able to measure the correct proportion in a figure drawing.

ILO 1. 3. Computation

SLO 2. Students will be able to use a variety of lines in a figure drawing.

ILO 2. 3. Computation

ART 4E                        PORTRAIT DRAWING

SLO 1. Students will be able to measure and sketch facial proportions

ILO 1. 3. Computation

SLO 2. Students will be able to use portrait drawing terminology in a class discussion or class critique

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

ART 4ES                      PORTRAIT DRAWING

SLO 1. Students will be able to measure and sketch facial proportions.

ILO 1. 3. Computation

SLO 2. Students will be able to use portrait drawing terminology in a class discussion or class critique.

ILO 2. 3. Computation

ART 4ET                      PORTRAIT DRAWING

SLO 1. Students will be able to measure and sketch facial proportions.

ILO 1. 3. Computation

SLO 2. Students will be able to use portrait drawing terminology in a class discussion or class critique.

ILO 2. 3. Computation

ART 4F                        LANDSCAPE DRAWING

SLO 1. Students will be able to accurately sketch landscapes in the preliminary planning steps

ILO 1. 2. Creative, critical and analytical thinking 3. Computation

SLO 2. Students will be able to measure proportions by hand-eye coordination and pencil and arm length.

ILO 2. 2. Creative, critical and analytical thinking 3. Computation

ART 5A                        BASIC TWO-DIMENSIONAL DESIGN

SLO 1. Students will be able to use design elements effectively

ILO 1. 2. Creative, critical and analytical thinking 3. Computation

SLO 2. Students will be able to use design principles effectively

ILO 2. 2. Creative, critical and analytical thinking 3. Computation

ART 5AS                      BASIC TWO-DIMENSIONAL DESIGN

SLO 1. Students will be able to use design elements effectively

ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

SLO 2. Students will be able to use design principles effectively

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation



ART 5AT	BASIC TWO-DIMENSIONAL DESIGN	
	SLO 1. Students will be able to use design elements effectively	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	SLO 2. Students will be able to use design elements effectively	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
ART 5B	THREE-DIMENSIONAL DESIGN	No SLOs on file.
ART 5L	DESIGN LABORATORY	No SLOs on file.
ART 6	COLLAGE & COMPOSITION	
	SLO 1. A. Instructional Objective: TECHNICAL EXPERTISE (for assessment choose from the following: )	
	Students shall be able to demonstrate technical expertise in the use of media including some of the following: charcoal, pastels, pencil, ink, or other drawing, especially color media.	
	Teachers provide a wide variety of assignments via a lecture/demonstration depending upon the lesson involved. Lecture – lab classes consist of lecture and supervised student application The majority of the lesson is studio practice and performance during which time students develop activities proscribed, including:	
	1. Students draw or alter found materials for use in collage.	
	2. Students plan compositions that utilize line, contour, value, space, texture, and color.	
	3. Students review and practice organizing principles: scale, balance, proportion, unity with variety, movement, directional forces, emphasis and subordination, et. Al.	
	4. Students use new media and practice craftsmanship in using crayons, pencils paint and brush, cut paper, glue techniques, et al.	
	5. Students analyze structural elements in work of the 'masters' from both past and present.	
	6. Students display work in a professional manner through mounting, matting or other methods.	
	7. Students assemble a portfolio of work demonstrating growth throughout the quarter.	
	SLO 2. B. Instructional Objective: CATEGORIZATION AND IMPLEMENTATION OF THEORY (for assessment choose from the following: )	
	1. Students arrange art works according the elements of point, line, shape , value, color, texture, and mass, and the principles of harmony , variety, balance, proportion, dominance, movement, economy, space.	
	2. Students concentrate on forming hidden structures that support the idea or content of the work.	
	3. Students structure and compare random order and formal arrangements.	
	4. Students identify appropriate compositional devices for different types of content.	
	5. Students practice and produce works that recognize art's organizing principles: scale, balance, proportion, unity with variety, movement, directional forces, emphasis and subordination, et. al.	
	SLO 3. C. Instructional Objective: CRITICAL THINKING (for assessment choose from the following: )	
	1. Students shall be able to evaluate works and distinguish strengths or weaknesses.	
	a) In classroom critique sessions they shall be able to identify successful or problem	

areas and be able to pose solutions for areas that aren't "working."

b) Students shall use appropriate art terminology in both written and verbal presentations.

c) Students shall be able to self-critique their own work.

2. Students shall be able to identify and discuss the interplay between form and content.

3. Students shall be able to utilize steps in the creative process and apply them to new work.

**SLO 4.** D. Instructional Objective: EXPRESSIVE, BEHAVIORAL, AND COMMUNICATION  
(for assessment choose from the following: )

1. Students demonstrate willingness to hear constructive feedback.

2. Student willingness to respond to others during critique sessions.

3. Student values cultural or stylistic differences in another 's artwork

#### ART 8 BASIC PERSPECTIVE DRAWING

**SLO 1.** The student can draw from nature representing volume according to the principles of perspective

**ILO 1.** 2. Creative, critical and analytical thinking 3. Computation

**SLO 2.** The student can understand one point, two point and three point perspective views from nature

**ILO 2.** 2. Creative, critical and analytical thinking 3. Computation

**SLO 3.** The students can use tools and drawing aids to prepare perspective drawings

**ILO 3.** 3. Computation

**SLO 4.** The student can analyze perspective in nature

**ILO 4.** 2. Creative, critical and analytical thinking

#### ART 9 TRADITIONAL ART MATERIALS

**SLO 1.** Student will be able to identify a variety of materials and media traditionally used by artists: oil paints, encaustic, pastels, oil paint, tempera, fresco.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Students will be able to calculate, process, mix and make traditional art material such as oil, encaustic, pastels, tempera paint and oil paint.

**ILO 2.** 3. Computation

#### ART 12 INTRODUCTION TO ASIAN ART

**SLO 1.** Analyze Buddhist iconography and recognize specific aspects/attributes of the Buddha when he is portrayed in art.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Demonstrate the ability to assemble a suitable bibliography to support the required research paper.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

#### ART 13 INTRODUCTION TO ISLAMIC ART

**SLO 1.** Recognize and name the major periods in Islamic culture (e.g. Umayyad, Ottoman, etc.) based on stylistic attributes as well as specific thematic indicators.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Demonstrate and discuss the impact of mystic Sufi theology on the architecture of the Ottoman Empire in the 16th and 17th centuries.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

#### ART 14 AMERICAN ART

- SLO 1.** Utilizing “social history” as a methodological approach to the study of American art, students will identify and assess the significant artistic contributions of a variety of culturally distinct groups (e.g., Native American, European American, African American, Chicano/Latino, and Asian American) in the development of American art from prehistory to the present.
- SLO 2.** Identify and discuss a variety of defining art historical (and cultural) movements (e.g., Harlem Renaissance, Photo-Secession, etc.) and styles (e.g., Postmodern, Abstract Expressionist, etc.) in the formation and development of American art.

**ART 19A PAINTING I**

**SLO 1. TECHNICAL**

Student shall be able to competently employ and manipulate oil paints, oil paint mediums, and paint brushes. Students shall demonstrate observational capacities and hand eye coordination by painting from life. Students shall be able to employ paint tools such as brushes to achieve a variety of technical results: blending, flat paint application, edge definition, textures.

**ILO 1.** 2. Creative, critical and analytical thinking 3. Computation

**SLO 2. EVALUATION**

Student shall compile all works created during the term in order to assess technical growth. Student shall consolidate a portfolio style binder with documented works, personal statement, and written reflection of each painting.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation

ART 19AS	PAINTING I	No SLOs on file.
ART 19AT	PAINTING I	No SLOs on file.
ART 19B	PAINTING II	No SLOs on file.
ART 19BS	PAINTING II	No SLOs on file.
ART 19BT	PAINTING II	No SLOs on file.
ART 19C	PAINTING III	No SLOs on file.
ART 19CS	PAINTING III	No SLOs on file.
ART 19CT	PAINTING III	No SLOs on file.
ART 19L	PAINTING LABORATORY	No SLOs on file.
ART 20A	COLOR I	No SLOs on file.
ART 20B	COLOR II	No SLOs on file.
ART 35X	HONORS SPECIAL PROJECTS IN ART	No SLOs on file.
ART 36	HISTORY OF GRAPHIC DESIGN	

**SLO 1.** Analyze visual communication in historical and cultural context.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Interpret images, symbols and typography.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

ART 44	CERAMIC SCULPTURE	No SLOs on file.
ART 44L	CERAMICS LABORATORY	No SLOs on file.
ART 45A	BEGINNING CERAMICS HANDBUILDING	

**SLO 1.** The student will be able to demonstrate technical competency and understand the various processes in hand-building construction and clay materials including coil, slab, wafer and pinch methods.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** The student will be able to integrate diverse cultural, historical, and contemporary styles and iconography effectively when applying carving, slip, and glaze decoration and patterns. The student will also show technical competency in glazing these works by implementing the various glazing and finishing techniques demonstrated in class.

**ILO 2.** 2. Creative, critical and analytical thinking

**SLO 3.** The student will be able to demonstrate increased visual awareness by presenting and discussing three dimensional ceramic projects.

## ILO 3. 2. Creative, critical and analytical thinking

ART 45AL	CERAMICS LABORATORY	No SLOs on file.
ART 45B	BEGINNING CERAMICS POTTER'S WHEEL	
	SLO 1. The student will be able to demonstrate technical competency in basic wheel throwing techniques including centering, opening, gathering, collaring, pulling, and shaping methods. Students will also demonstrate proper construction and joining techniques when applying handles, knobs, and sculptural additions to their wheel thrown projects.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. The student will be able to demonstrate technical competency in finishing and trimming assigned works. A variety of trimming and finishing tools will be utilized throughout the course. Students will also grasp the historical significance of ceramic vessels, and gain basic knowledge of where clay comes from and how it is processed for use in the ceramics lab.	
	ILO 2. 2. Creative, critical and analytical thinking	
	SLO 3. The student will demonstrate technical competency in glazing these works by implementing glazing techniques demonstrated in class.	
	ILO 3. 2. Creative, critical and analytical thinking	
	SLO 4. The student will be able to demonstrate increased visual awareness by presenting and discussing three-dimensional ceramic projects.	
	ILO 4. 2. Creative, critical and analytical thinking	
ART 45BL	CERAMICS LABORATORY	No SLOs on file.
ART 45C	ADVANCED CERAMICS	
	SLO 1. The student will be able to demonstrate advanced technical competency in hand-building techniques including coil, slab, wafer and pinch methods. Proper joining methods will be stressed.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. The student will be able to demonstrate advanced technical competency in wheel throwing techniques including centering, opening, gathering, collaring, pulling, and advanced shaping methods.	
	ILO 2. 2. Creative, critical and analytical thinking	
	SLO 3. Students will be able to demonstrate technical competency in combining wheel-thrown and hand-built forms that adheres to the students visual references or conceptual ideas.	
	ILO 3. 2. Creative, critical and analytical thinking	
	SLO 4. Students will understand basic kiln loading and firing principals.	
	ILO 4. 2. Creative, critical and analytical thinking	
ART 45CL	CERAMICS LABORATORY	No SLOs on file.
ART 45F	LOW-TEMPERATURE CERAMIC FIRING & GLAZING TECHNIQUES	No SLOs on file.
ART 45FL	CERAMICS LABORATORY	No SLOs on file.
ART 45L	CERAMICS LABORATORY	No SLOs on file.
ART 45LX	CERAMICS LABORATORY	No SLOs on file.
ART 46B	POTTER'S WHEEL II	No SLOs on file.
ART 47	WATERCOLOR	
	SLO 1. Students can create art using transparent watercolor on various types of paper	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	SLO 2. Students can use artists materials to create watercolor paintings	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
ART 49	MONOPRINTING	No SLOs on file.
ART 56	DIGITAL ART & GRAPHICS	
	SLO 1. Demonstrate an understanding of basic design principles of visual image making.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 2. Demonstrate a working knowledge of computer software.	
	ILO 2. 2. Creative, critical and analytical thinking 3. Computation	

ART 69	PRINT ARTS I	No SLOs on file.
ART 72	STUDIO ART PORTFOLIO PREPARATION	
	<b>SLO 1.</b> Students will be able to produce photographic documentation of their artwork.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 2.</b> Students will be able to assemble an application packet for admissions to a transfer institution or artist residency, art occupation, or art gallery.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
ART 80	MURAL MAKING: COMMUNITY ART PROJECT	No SLOs on file.
ART 83	SERVICE LEARNING PROJECTS	No SLOs on file.
ART 86	PAINTING WITH THE COMPUTER	
	<b>SLO 1.</b> Students will demonstrate familiarity with interactive computer painting software.	
	<b>SLO 2.</b> Students demonstrate a working knowledge of various computer painting operations	
ART 87	ART OF THE ELECTRONIC AGE	No SLOs on file.
ART 96	BOOK ARTS I	No SLOs on file.
ART 190	DIRECTED STUDY	No SLOs on file.
ART 190X	DIRECTED STUDY	No SLOs on file.
ART 190Y	DIRECTED STUDY	No SLOs on file.
ART 190Z	DIRECTED STUDY	No SLOs on file.

1 of 8 Course IDs for *ASTR* in the Physical Sciences, Mathematics & Engineering Division have SLO's.

2010-2011

Course ID	Title	SLO's
ASTR 10A	GENERAL ASTRONOMY: SOLAR SYSTEM	No SLOs on file.
ASTR 10B	GENERAL ASTRONOMY: STAR, GALAXIES, COSMOLOGY	No SLOs on file.
ASTR 10BH	HONORS GENERAL ASTRONOMY: STARS, GALAXIES, COSMOLOGY	No SLOs on file.
ASTR 10L	ASTRONOMY LABORATORY	
	<b>SLO 1.</b> After successful completion of ASTR 10L, students will be able to discuss the reason for everyday astronomical phenomena, such as the phases of the Moon and the seasons	
	<b>ILO 1.</b> 2. Creative, critical and analytical thinking	
	<b>SLO 2.</b> After successful completion of ASTR 10L, students will be able to explain the motions of the Earth and objects in the sky	
	<b>ILO 2.</b> 2. Creative, critical and analytical thinking	
ASTR 34H	HONORS INSTITUTE SEMINAR IN ASTRONOMY	No SLOs on file.
ASTR 36	SPECIAL PROJECTS IN ASTRONOMY	No SLOs on file.
ASTR 36X	SPECIAL PROJECTS IN ASTRONOMY	No SLOs on file.
ASTR 36Y	SPECIAL PROJECTS IN ASTRONOMY	No SLOs on file.

1 of 4 Course IDs for *B T* in the Computers, Technology & Information Systems Division have SLO's.

2010-2011

Course ID	Title	SLO's
B T 51A	PROFESSIONAL KEYBOARDING I (BEGINNING)	No SLOs on file.
B T 51B	PROFESSIONAL KEYBOARDING II (BASIC FORMATTING)	No SLOs on file.
B T 51C	PROOFREADING I	No SLOs on file.
B T 59	INTEGRATED BUSINESS COMMUNICATION	
	<b>SLO 1.</b> Students will be able to create an organized and coherent persuasive memo report.	

SLO 2. Students will be able to create an effective PowerPoint presentation.

13 of 24 Course IDs for *BIOL* in the Biological and Health Sciences Division have SLO's. 2010-2011

Course ID	Title	SLO's
BIOL 1A	PRINCIPLES OF CELL BIOLOGY	No SLOs on file.
BIOL 1B	FORM & FUNCTION IN PLANTS & ANIMALS	
	SLO 1. The student will compare and contrast the functioning of physiological systems in plants and animals.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Students will be able to communicate the results of scientific research to an audience of peers.	
	ILO 2. 1. Communication	
BIOL 1C	EVOLUTION, SYSTEMATICS & ECOLOGY	
	SLO 1. Students will be able to describe an ecosystem in terms of the flow of energy and cycling of matter between the abiotic to the biotic components of that ecosystem.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Students will explain natural selection of populations under different selective pressures.	
	ILO 2. 2. Creative, critical and analytical thinking	
	SLO 3. Students will explain the phylogenetic relationships of all living things in terms of derived and ancestral traits.	
	ILO 3. 2. Creative, critical and analytical thinking	
BIOL 1D	MOLECULAR GENETICS	No SLOs on file.
BIOL 8	BASIC NUTRITION	
	SLO 1. Students will be able to interpret a food label and use it to make sound/informed dietary choices for themselves and their families	
	SLO 2. Students should be able to identify food groups and daily amounts that constitute a healthy diet	
BIOL 9	ENVIRONMENTAL BIOLOGY	
	SLO 1. Student will evaluate environmental issues and describe possible solutions at both the local and global level	
	ILO 1. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. The student will be able to explain and provide examples of the movement of energy and matter through ecosystems and discuss human impacts that disrupt these processes.	
	ILO 2. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 3. Student will evaluate their personal impact on the earth.	
	ILO 3. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
BIOL 9L	ENVIRONMENTAL BIOLOGY LABORATORY	No SLOs on file.
BIOL 10	GENERAL BIOLOGY: BASIC PRINCIPLES	
	SLO 1. SLO: Explain the scientific method and demonstrate an ability to use this method of study.	
	SLO 2. SLO: Describe the risk factors and methods of prevention for cardiovascular disease and cancer.	
BIOL 12	HUMAN GENETICS	No SLOs on file.
BIOL 13	MARINE BIOLOGY	
	SLO 1. The student can describe the theory of evolution.	

- SLO 2.** The student can make well informed decisions as a consumer based on their understanding of sustainable fishing practices and evaluate how their own behavior affects future fish conservation.
- SLO 3.** The student can understand how to collect scientific data quantitatively and present those data graphically.

**BIOL 14 HUMAN BIOLOGY**

- SLO 1.** The student will be able to evaluate basic scientific research as described in the popular press and explain the study in terms of the scientific method.
- ILO 1.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2.** The student will be able to describe the theory of evolution by natural selection and explain how it unifies all living things at least three different levels of the biological hierarchy.
- ILO 2.** 2. Creative, critical and analytical thinking

**BIOL 15 CALIFORNIA ECOLOGY/NATURAL HISTORY**

- SLO 1.** The student will master basic techniques of field biology, including taking field notes, identifying organisms in the field, and using survey and sampling techniques.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2.** The student will explain basic principles of organismal, population, community and ecosystem ecology.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**BIOL 17 BIOTECHNOLOGY & SOCIETY**

No SLOs on file.

**BIOL 34H HONORS INSTITUTE SEMINAR IN BIOLOGY**

No SLOs on file.

**BIOL 40A HUMAN ANATOMY & PHYSIOLOGY I**

- SLO 1.** The student can identify how the integumentary and skeletal system contributes to homeostasis.
- ILO 1.** 2. Creative, critical and analytical thinking
- SLO 2.** The student can identify the importance of structure/ function relationship.
- ILO 2.** 2. Creative, critical and analytical thinking

**BIOL 40B HUMAN ANATOMY & PHYSIOLOGY II**

- SLO 1.** The student can identify how the nervous system and cardiovascular system contributes to homeostasis.
- SLO 2.** The student can identify the importance of structure/ function relationship.

**BIOL 40C HUMAN ANATOMY & PHYSIOLOGY III**

- SLO 1.** The student can identify how the urinary system and endocrine system contributes to homeostasis.
- ILO 1.** 2. Creative, critical and analytical thinking
- SLO 2.** The student can identify the importance of structure/ function relationship.

**BIOL 41 MICROBIOLOGY**

- SLO 1.** Students will discuss the role of the health care practitioner in prevention of nosocomial infection
- ILO 1.** 2. Creative, critical and analytical thinking
- SLO 2.** Students will compare and contrast the role of normal flora, opportunistic and obligate pathogens in both health and disease states
- ILO 2.** 2. Creative, critical and analytical thinking
- SLO 3.** distinguish between bacterial and viral pathogens in terms of structure and chemotherapeutic interventions
- ILO 3.** 2. Creative, critical and analytical thinking



BIOL 45	INTRODUCTION TO HUMAN NUTRITION	
	<b>SLO 1.</b> Students will be able to interpret a food label and use it to make sound/informed dietary choices	
	<b>SLO 2.</b> Students will be able to make appropriate dietary recommendations to patients at elevated risk for chronic illnesses like heart disease or type 2 diabetes	
	<b>SLO 3.</b> Students should be able to identify food groups and daily amounts that constitute a healthy diet	
BIOL 58	FUNDAMENTALS OF PHARMACOLOGY	No SLOs on file.
BIOL 71	ADVANCED MOLECULAR BIOLOGY TECHNIQUES	No SLOs on file.
BIOL 90A	BIOLOGY EXPERIENTIAL INTERNSHIP	No SLOs on file.
BIOL 90B	BIOLOGY EXTENDED EXPERIENTIAL INTERNSHIP	No SLOs on file.
BIOL 190X	DIRECTED STUDY	No SLOs on file.

1 of 20 Course IDs for *BTEC* in the Biological and Health Sciences Division have SLO's. 2010-2011

Course ID	Title	SLO's
BTEC 10	BIOTECHNOLOGY: GENERAL PRINCIPLES	No SLOs on file.
BTEC 51A	CELL BIOLOGY FOR BIOTECHNOLOGY	No SLOs on file.
BTEC 51AL	CELL BIOLOGY LABORATORY FOR BIOTECHNOLOGY	No SLOs on file.
BTEC 52A	MOLECULAR BIOLOGY FOR BIOTECHNOLOGY	No SLOs on file.
BTEC 52AL	MOLECULAR BIOLOGY LABORATORY FOR BIOTECHNOLOGY	No SLOs on file.
BTEC 53A	IMMUNOLOGY & VIROLOGY FOR BIOTECHNOLOGY	No SLOs on file.
BTEC 53AL	IMMUNOLOGY LABORATORY FOR BIOTECHNOLOGY	No SLOs on file.
BTEC 54	BIOTECHNOLOGY EXTERNSHIP	No SLOs on file.
BTEC 60	PLANT BIOTECHNOLOGY & TISSUE CULTURE	No SLOs on file.
BTEC 61	MICROBIAL BIOTECHNOLOGY	No SLOs on file.
BTEC 64	PROTEIN ELECTROPHORETIC SYSTEMS: LABORATORY TECHNIQUE	No SLOs on file.
BTEC 65	NUCLEIC ACIDS ELECTROPHORETIC SYSTEMS: LABORATORY TECHNIQUE	No SLOs on file.
BTEC 66	HPLC: LABORATORY TECHNIQUE	No SLOs on file.
BTEC 67	IMMUNOLOGICAL ASSAYS: LABORATORY TECHNIQUE	No SLOs on file.
BTEC 68	POLYMERASE CHAIN REACTION: LABORATORY TECHNIQUE	
	<b>SLO 1.</b> Students can perform PCR techniques	
	<b>SLO 2.</b> Using a laboratory notebook, students can demonstrate industry-standard record-keeping	
BTEC 69	MAMMALIAN CELL CULTURE TECHNIQUES	No SLOs on file.
BTEC 71	ADVANCED MOLECULAR BIOLOGY TECHNIQUES	No SLOs on file.
BTEC 73	HISTOTECHNOLOGY IN RESEARCH	No SLOs on file.
BTEC 75	IMMUNOBIOTECHNOLOGY	No SLOs on file.
BTEC 77	ENVIRONMENTAL BIOTECHNOLOGY	No SLOs on file.

32 of 29 Course IDs for *BUSI* in the Business and Social Sciences Division have SLO's. 2010-2011

Course ID	Title	SLO's
BUSI 18	BUSINESS LAW I	
	<b>SLO 1.</b> Students will demonstrate appropriate use of business terms and concepts in their court visitation report.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	

**SLO 2.** Students will critically analyze, evaluate and interpret information by integrating legal knowledge in problem-solving and decision-making processes from their court visitation report.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 3.** Students will demonstrate their business knowledge and critical thinking in preparing their court report and presenting their summary during an oral presentation.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**BUSI 19 BUSINESS LAW II**

**SLO 1.** Students will demonstrate appropriate use of business terms and concepts in their expanded court visitation report.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Students will critically analyze, evaluate and interpret information by integrating legal knowledge in problem-solving and decision-making processes from their expanded court visitation report.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 3.** Students will demonstrate their business knowledge and critical thinking in preparing their expanded court report and presenting their summary during an oral presentation.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**BUSI 22 PRINCIPLES OF BUSINESS**

**SLO 1.** Students will demonstrate appropriate use of business terms and concepts in their business plans.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Students will critically analyze, evaluate and interpret information by integrating business knowledge in problem-solving and decision-making processes in their business plans.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 3.** Students will demonstrate their business knowledge and critical thinking in creating their business plans and presentations.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**BUSI 34H HONORS INSTITUTE SEMINAR IN BUSINESS**

**SLO 1.** Students will demonstrate an understanding of business ethics, leadership and management.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Students will display their research findings in their term project.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**BUSI 35 DEPARTMENT HONORS PROJECTS IN BUSINESS**

**SLO 1.** Critical analysis of readings, research and case studies.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Effectively demonstrate feasible study in presentation format.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**BUSI 53 SURVEY OF INTERNATIONAL BUSINESS**

**SLO 1.** Students will demonstrate an understanding and appropriate use of international business terms and concepts in the written component of the term project.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Students will critically analyze, evaluate and interpret international business information for their term projects.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 3.** Students will demonstrate international business concepts and strategies in their term projects and oral presentations.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

#### BUSI 57 PRINCIPLES OF ADVERTISING

**SLO 1.** Students will demonstrate an understanding and appropriate use of advertising terms and concepts in the written component of the term project.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Students will critically analyze, evaluate and interpret advertising information for their term projects.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 3.** Students will demonstrate advertising concepts and strategies in their term projects and oral presentations.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

#### BUSI 58 SURVEY OF INTERNATIONAL MARKETING

**SLO 1.** Students will demonstrate an understanding and appropriate use of international marketing terms and concepts in the written component of the term project.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Students will critically analyze, evaluate and interpret international marketing information for their term projects.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 3.** Students will demonstrate international marketing concepts and strategies in their term projects and oral presentations.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

#### BUSI 59 PRINCIPLES OF MARKETING

**SLO 1.** Students will demonstrate appropriate use of marketing terms and concepts in their marketing plans.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Students will critically analyze, evaluate and interpret information by integrating marketing knowledge in problem-solving and decision-making processes in their marketing plans.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 3.** Students will demonstrate their marketing knowledge and critical thinking in creating their marketing plans and presentations.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

#### BUSI 61 INVESTMENT FUNDAMENTALS

**SLO 1.** Students will demonstrate an understanding and appropriate use of financial business terms and concepts in the term project.

- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 2. Students will critically analyze, evaluate and interpret financial business information for their term projects.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 3. Students will demonstrate financial business concepts and strategies in their term projects and presentations.
- ILO 3. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

BUSI 62 PRINCIPLES OF SALESMANSHIP

- SLO 1. Students will demonstrate an understanding and appropriate use of business terms and concepts in the term project.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 2. Students will critically analyze, evaluate and interpret business information for their term project.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 3. Students will demonstrate business concepts and strategies in their term project and presentations.
- ILO 3. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

BUSI 64 SPECIAL PROJECTS IN BUSINESS

- SLO 1. Critical analysis of readings, research and case studies.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 2. Effectively demonstrate research in written format.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

BUSI 64X SPECIAL PROJECTS IN BUSINESS

- SLO 1. Critical analysis of readings, research and case studies.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 2. Effectively demonstrate research in written format.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

BUSI 64Y SPECIAL PROJECTS IN BUSINESS

- SLO 1. Critical analysis of readings, research and case studies.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 2. Effectively demonstrate research in written format.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

BUSI 64Z SPECIAL PROJECTS IN BUSINESS

- SLO 1. Critical analysis of readings, research and case studies.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 2. Effectively demonstrate research in written format.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

- BUSI 70 BUSINESS & PROFESSIONAL ETHICS**
- SLO 1.** Students will demonstrate appropriate use of business terms and concepts in their Ethics Analysis paper.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 2.** Students will critically analyze, evaluate and interpret information in their Ethics Analysis paper.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 3.** Students will demonstrate their ethics and philosophy knowledge in preparing their Ethics Analysis paper and presenting their summary during an oral presentation.
- ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- BUSI 90A PRINCIPLES OF MANAGEMENT**
- SLO 1.** Students will demonstrate appropriate use of business management terms and concepts in their strategic management plans.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 2.** Students will critically analyze, evaluate and interpret information by integrating management knowledge in problem-solving and decision-making processes in their strategic management plans.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 3.** Students will demonstrate their management knowledge and critical thinking in their strategic management plans and presentations.
- ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- BUSI 91L INTRODUCTION TO BUSINESS INFORMATION PROCESSING**
- SLO 1.** Students will understand the use software on the Personal Computer.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 2.** Students will demonstrate an understanding and appropriate use of Microsoft Office by Creating reports, charts, graphs, slides, files, using productivity tools such as Word, Excel, Access, PowerPoint.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- BUSI 92 FINANCIAL PLANNING PRACTICES**
- SLO 1.** Students will demonstrate an understanding and appropriate use of financial business terms and concepts in the term project.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 2.** Students will critically analyze, evaluate and interpret financial business information for their term projects.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 3.** Students will demonstrate financial business concepts and strategies in their term projects and presentations.
- ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- BUSI 95 ENTREPRENEURSHIP - SMALL BUSINESS MANAGEMENT**
- SLO 1.** Students will demonstrate appropriate use of business terms and concepts in their business plans.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Students will critically analyze, evaluate and interpret information by integrating business knowledge in problem-solving and decision-making processes in their business plans.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 3.** Students will demonstrate their business knowledge and critical thinking in creating their business plans and presentations.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**BUSI 95E SMALL BUSINESS EXPORT & IMPORT**

**SLO 1.** Students will demonstrate an understanding and appropriate use of international business terms and concepts in the written component of the term project.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Students will critically analyze, evaluate and interpret international business information for their term projects.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 3.** Students will demonstrate international business concepts and strategies in their term projects and oral presentations.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**BUSI 97 MANAGEMENT SEMINAR**

**SLO 1.** Critical analysis of readings, research and case studies.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Effectively demonstrate research in written format.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**BUSI 99 SUPERVISED BUSINESS INTERNSHIPS**

No SLOs on file.

**BUSI 99X SUPERVISED BUSINESS INTERNSHIPS**

No SLOs on file.

**BUSI 99Y SUPERVISED BUSINESS INTERNSHIPS**

No SLOs on file.

**BUSI 120 DISPUTE RESOLUTION & MEDIATION**

**SLO 1.** Apply mediation skills and process to resolve community, workplace and business issues.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Integrate appropriate mediation techniques.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**BUSI 231B HOW TO START A HOME-BASED BUSINESS**

No SLOs on file.

**BUSI 233A STARTING A SMALL BUSINESS**

No SLOs on file.

**BUSI 233E SMALL BUSINESS MARKETING, RESEARCH & PLANNING**

No SLOs on file.

0 of 9 Course IDs for **C E** in the Computers, Technology & Information Systems Division have SLO's.

2010-2011

3 of 37 Course IDs for **CAST** in the Computers, Technology & Information Systems Division have SLO's.

2010-2011

Course ID

Title

SLO's



CAST 50D	USING ACCESS	No SLOs on file.
CAST 50E	LINUX DESKTOP INSTALLATION	No SLOs on file.
CAST 52A	INTRODUCTION TO MACROMEDIA FLASH	
	SLO 1. Understanding animation basics using tweening.	
	SLO 2. Ability to create vector shapes.	
CAST 52B	ADVANCED MACROMEDIA FLASH	No SLOs on file.
CAST 56A	INTRODUCTION TO FILEMAKER PRO	No SLOs on file.
CAST 56AS	INTRODUCTION TO FILEMAKER PRO	No SLOs on file.
CAST 63A	INTRODUCTION TO COMPUTER-AIDED DRAFTING USING AUTODESK AUTOCAD	No SLOs on file.
CAST 63B	ADVANCED COMPUTER-AIDED DRAFTING USING AUTOCAD SOFTWARE	No SLOs on file.
CAST 64A	INTRODUCTION TO AUTODESK MECHANICAL DESKTOP SOFTWARE (AUTODESK INVENTOR PROFESSIONAL)	No SLOs on file.
CAST 65A	INTRODUCTION TO AUTODESK ARCHITECTURAL DESKTOP SOFTWARE	No SLOs on file.
CAST 66A	INTRODUCTION TO AUTODESK CIVIL 3D SOFTWARE	No SLOs on file.
CAST 70A	INTRODUCTION TO ADOBE PREMIERE	No SLOs on file.
CAST 70B	MULTIMEDIA DESIGN & AUTHORING	No SLOs on file.
CAST 70C	INTERACTIVE MULTIMEDIA PROJECT	No SLOs on file.
CAST 70D	3D MODELING & ANIMATION FOR MULTIMEDIA	No SLOs on file.
CAST 70E	INTRODUCTION TO DVD AUTHORING	No SLOs on file.
CAST 70G	INTRODUCTION TO MACROMEDIA DIRECTOR	No SLOs on file.
CAST 70H	ADVANCED MACROMEDIA DIRECTOR	No SLOs on file.
CAST 74G	WEB PUBLISHING TOOLS: DREAMWEAVER	No SLOs on file.
CAST 80	SELECTED TOPICS IN SOFTWARE APPLICATIONS	No SLOs on file.
CAST 86A	INTRODUCTION TO ADOBE INDESIGN	No SLOs on file.
CAST 86B	ADVANCED ADOBE INDESIGN	No SLOs on file.
CAST 90A	INTRODUCTION TO ADOBE ILLUSTRATOR	No SLOs on file.
CAST 90B	ADVANCED ADOBE ILLUSTRATOR	No SLOs on file.
CAST 92A	INTRODUCTION TO ADOBE PHOTOSHOP	No SLOs on file.
CAST 92B	ADVANCED ADOBE PHOTOSHOP	No SLOs on file.
CAST 92E	INTRODUCTION TO ADOBE PHOTOSHOP ELEMENTS	No SLOs on file.
CAST 93A	POWERPOINT: EFFECTIVE PRESENTATIONS	
	SLO 1. Students will be able to produce a storyboard for a proposed PowerPoint presentation.	
	SLO 2. Students will create a presentation utilizing effective design principles for PowerPoint presentations.	
CAST 102	COMPUTER KEYBOARDING SKILLS	No SLOs on file.
CAST 102B	MICROSOFT WINDOWS: BASICS	No SLOs on file.
CAST 102C	WINDOWS: HARD DISK MANAGEMENT & UTILITIES	No SLOs on file.
CAST 104A	MICROSOFT WORD I	No SLOs on file.
CAST 104B	MICROSOFT WORD II	No SLOs on file.
CAST 107	INTRODUCTION TO EXCEL	
CAST 107D	EXCEL: BASICS	No SLOs on file.
CAST 109F	USING ACCESS	No SLOs on file.
CAST 221	OVERVIEW OF ADOBE PHOTOSHOP	No SLOs on file.

11 of 16 Course IDs for *CHEM* in the Physical Sciences, Mathematics & Engineering Division have SLO's.

2010-2011

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Course ID	Title	SLO's
CHEM 1A	GENERAL CHEMISTRY	



**SLO 1.** The student will be able to solve problems using dimensional analysis and report the correct number of significant figures in measured and calculated quantities.

**ILO 1.** 2. Creative, critical and analytical thinking 3. Computation

**SLO 2.** The student will be able to perform stoichiometric calculations and understand the concept of a limiting reactant.

**ILO 2.** 2. Creative, critical and analytical thinking 3. Computation

**SLO 3.** The student will understand the nature of energy and be able to calculate the energy changes associated with chemical reactions.

**ILO 3.** 2. Creative, critical and analytical thinking 3. Computation

**CHEM 1B**            **GENERAL CHEMISTRY**

**SLO 1.** 01. The student will understand gas behavior and be able to do a variety of gas law problems.

**ILO 1.** 2. Creative, critical and analytical thinking 3. Computation

**SLO 2.** 05. The student will be able to describe and analyze factors that influence rates of chemical reactions.

**ILO 2.** 2. Creative, critical and analytical thinking 3. Computation

**CHEM 1C**            **GENERAL CHEMISTRY & QUALITATIVE ANALYSIS**

No SLOs on file.

**CHEM 12A**           **ORGANIC CHEMISTRY**

**SLO 1.** Recognize structural features of organic molecules important to their reactivity.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** Predict the stereochemical outcome of a chemical reaction from its mechanism.

**ILO 2.** 2. Creative, critical and analytical thinking

**SLO 3.** Recognize structural features of organic molecules important to their reactivity.

**ILO 3.** 2. Creative, critical and analytical thinking

**SLO 4.** Predict the stereochemical outcome of a chemical reaction from its mechanism.

**ILO 4.** 2. Creative, critical and analytical thinking

**CHEM 12B**           **ORGANIC CHEMISTRY**

**SLO 1.** Determine the stereochemical outcome of a chemical reaction based on its mechanism.

**SLO 2.** Effectively write an electronic mechanism accounting for the outcome of a chemical reaction.

**SLO 3.** Understand the role thermodynamics and kinetics plays in the outcome of a chemical reaction.

**SLO 4.** design syntheses of organic target molecules from simple precursors.

**ILO 4.** 2. Creative, critical and analytical thinking

**SLO 5.** Identify Structural features of organic molecules important to their reactivity

**ILO 5.** 2. Creative, critical and analytical thinking

**CHEM 12C**           **ORGANIC CHEMISTRY**

**SLO 1.** Design a concise, logical chemical synthesis of an expanded array of organic target molecules from simple precursors.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** Recognize structural features of organic molecules important to their reactivity.

**ILO 2.** 2. Creative, critical and analytical thinking

**CHEM 25**            **FUNDAMENTALS OF CHEMISTRY**

**SLO 1.** The students will be able to use dimensional analysis to set up and solve numerical problems.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** The students will be able to identify physical and chemical properties and changes.

**ILO 2.** 2. Creative, critical and analytical thinking

**SLO 3.** The students will understand the meaning and uses of the mole and of Avogadro's number.

**ILO 3.** 3. Computation

CHEM 30A	SURVEY OF INORGANIC & ORGANIC CHEMISTRY	
	SLO 1. Students will be able to classify matter correctly.	
	SLO 2. Students will be able to use common laboratory equipment correctly and report measurements to the correct significant figures with proper units. Equipment includes Bunsen burners, beakers, graduated cylinders, thermometers, top loading balances, rulers and burets.	
	SLO 3. Students will be able to represent chemical changes correctly through balanced chemical equations with proper formulas for elements and compounds.	
CHEM 30B	SURVEY OF ORGANIC & BIOCHEMISTRY	No SLOs on file.
CHEM 36	SPECIAL PROJECTS IN CHEMISTRY	No SLOs on file.
CHEM 36X	SPECIAL PROJECTS IN CHEMISTRY	No SLOs on file.
CHEM 36Y	SPECIAL PROJECTS IN CHEMISTRY	No SLOs on file.
CHEM 70	STUDY SKILLS & PROBLEM SOLVING STRATEGIES FOR CHEM 1A	
	SLO 1. The student will demonstrate competency in quantitative problem solving skills related to Chemistry 1A.	
	ILO 1. 2. Creative, critical and analytical thinking 3. Computation	
	SLO 2. The student will develop and apply effective study strategies and skills for the study of college level science.	
	ILO 2. 2. Creative, critical and analytical thinking 3. Computation	
CHEM 100	CHEMISTRY STUDENT ASSISTANCE	
	SLO 1. The students will be able to use analysis to set up and solve numerical problems.	
	ILO 1. 3. Computation	
	SLO 2. Student will spend the appropriate amount of time in PSME Center working on skills.	
	ILO 2. 2. Creative, critical and analytical thinking	
CHEM 100X	CHEMISTRY STUDENT ASSISTANCE	
	SLO 1. The students will be able to use analysis to set up and solve numerical problems.	
	ILO 1. 3. Computation	
	SLO 2. Student will spend the appropriate amount of time in PSME Center working on skills.	
	ILO 2. 2. Creative, critical and analytical thinking	
CHEM 100Y	CHEMISTRY STUDENT ASSISTANCE	
	SLO 1. The students will be able to use analysis to set up and solve numerical problems.	
	SLO 2. Student will spend the appropriate amount of time in PSME Center working on skills.	

0 of 15 Course IDs for *CHIN* in the Language Arts Division have SLO's. 2010-2011

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27 of 32 Course IDs for *CHLD* in the Business and Social Sciences Division have SLO's. 2010-2011

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Course ID	Title	SLO's
CHLD 1	CHILD DEVELOPMENT: PRENATAL TO EARLY CHILDHOOD	No SLOs on file.
CHLD 2	CHILD DEVELOPMENT: MIDDLE CHILDHOOD TO ADOLESCENCE	No SLOs on file.
CHLD 11	AFFIRMING DIVERSITY IN EDUCATION	
	SLO 1. Identify the goals of multicultural education and ways they can be incorporated in the classroom.	
	ILO 1. 4. Community/global consciousness and responsibility	

- SLO 2. Analyze the multifaceted nature of diversity and how stereotypes can influence development.
- ILO 2. 4. Community/global consciousness and responsibility
- SLO 3. Identify and describe the research regarding the changing demographics in education
- ILO 3. 2. Creative, critical and analytical thinking

CHLD 50 SCHOOL-AGE CHILD (5-12): BEHAVIOR & DEVELOPMENT

- SLO 1. Examine the major principals of two theories in child development and ways that they can be implemented in the classroom.
- ILO 1. 2. Creative, critical and analytical thinking
- SLO 2. Determine several strategies to enhance children's self-esteem.
- ILO 2. 2. Creative, critical and analytical thinking
- SLO 3. Demonstrate understanding of how to teach conflict resolution skills to children.
- ILO 3. 1. Communication

CHLD 50A INFANT/TODDLER DEVELOPMENT

- SLO 1. Identify the principles of relationship based learning with infants and toddlers.
- ILO 1. 2. Creative, critical and analytical thinking
- SLO 2. Compare developmental pathways of young infants, mobile infants, and toddlers.
- ILO 2. 2. Creative, critical and analytical thinking
- SLO 3. Recognize the differences between independent and interdependent cultural patterns.
- ILO 3. 2. Creative, critical and analytical thinking

CHLD 53NC SUPPORTING CHILDREN WITH SPECIAL NEEDS IN CHILDREN'S PROGRAMS

- SLO 1. Identify the supports needed for all children and their families, as it relates to building partnerships with professionals in other disciplines. (i.e. therapists, doctors, educators, case managers, etc.)
- ILO 1. 2. Creative, critical and analytical thinking
- SLO 2. Design effective learning environments and experiences for all children including children with disabilities and other special needs conditions.
- ILO 2. 2. Creative, critical and analytical thinking
- SLO 3. Identify a variety of children's programs in the community and have knowledge of the services they offer.
- ILO 3. 2. Creative, critical and analytical thinking

CHLD 53NP DEVELOPMENT OF CHILDREN WITH SPECIAL NEEDS

- SLO 1. Recognize and understand a variety of specific diagnosed disabilities and other special needs conditions.
- ILO 1. 2. Creative, critical and analytical thinking
- SLO 2. Identify atypical developmental behaviors through observation based on typical developmental patterns and chronological age norms across developmental domains.
- ILO 2. 2. Creative, critical and analytical thinking
- SLO 3. Research services and agencies within the community to assist families in obtaining referrals and accessing services for their children.
- ILO 3. 2. Creative, critical and analytical thinking

CHLD 55 CHILD GROWTH & DEVELOPMENT

- SLO 1. Identify the behaviors and characteristics of children birth through adolescence..
- ILO 1. 2. Creative, critical and analytical thinking
- SLO 2. Demonstrate knowledge of the major influences to development including culture, heredity, and environmental factors.
- ILO 2. 4. Community/global consciousness and responsibility
- SLO 3. Identify the different theories of child development and their implications on current practice in the early childhood field.
- ILO 3. 2. Creative, critical and analytical thinking

CHLD 56	OBSERVATION & ASSESSMENT	
	SLO 1. Identify the different components of a documentation panel.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Demonstrate knowledge of the process of identifying individual needs through observation.	
	ILO 2. 2. Creative, critical and analytical thinking	
	SLO 3. Describe the various methods of collecting observational data on children.	
	ILO 3. 1. Communication	
CHLD 56N	PRINCIPLES & PRACTICES OF TEACHING YOUNG CHILDREN	
	SLO 1. Interpret best teaching and care practices as defined within the field of early care and education's history, range of delivery systems, program types and philosophies, and ethical standards.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Evaluate the teacher's role in providing best practices in early childhood programs.	
	ILO 2. 2. Creative, critical and analytical thinking	
	SLO 3. Examine the value of play as a vehicle for developing skills, knowledge, dispositions and strengthening relationships among young children.	
	ILO 3. 2. Creative, critical and analytical thinking	
	SLO 4. Demonstrate an understanding of ethical and professional standards based upon NAEYC's Code of Ethical Conduct.	
	ILO 4. 2. Creative, critical and analytical thinking	
CHLD 59	WORKING WITH SCHOOL-AGE CHILDREN: PRINCIPLES & PRACTICES	
	SLO 1. Identify the behaviors and characteristics of children ages five to twelve years.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Define the elements of developmentally appropriate, high quality school-age child care.	
	ILO 2. 2. Creative, critical and analytical thinking	
	SLO 3. Define the characteristics of effective caregivers.	
	ILO 3. 2. Creative, critical and analytical thinking	
CHLD 63N	ARTISTIC & CREATIVE DEVELOPMENT	
	SLO 1. Compare and contrast methods that encourage and discourage creative growth in the young child.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Identify the benefits of using a variety of media to promote children's sensitivity to, and use of various tactile, visual and performing arts.	
	ILO 2. 2. Creative, critical and analytical thinking	
	SLO 3. Understand the elements of creativity and creative thinking.	
	ILO 3. 2. Creative, critical and analytical thinking	
CHLD 68	SPECIAL TOPICS/PROJECTS IN CHILD DEVELOPMENT	
	SLO 1. Demonstrate research skills, critical thinking and application of knowledge in topical areas in the study of child development.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Demonstrate knowledge of child development theory in the field of early care and education.	
	ILO 2. 2. Creative, critical and analytical thinking	
CHLD 68X	SPECIAL TOPICS/PROJECTS IN CHILD DEVELOPMENT	No SLOs on file.
CHLD 68Y	SPECIAL TOPICS/PROJECTS IN CHILD DEVELOPMENT	No SLOs on file.
CHLD 68Z	SPECIAL TOPICS/PROJECTS IN CHILD DEVELOPMENT	No SLOs on file.
CHLD 71	PLANNING CREATIVE ART ACTIVITIES FOR CHILDREN	
	SLO 1. Demonstrate the ability to plan, prepare, and facilitate an open-ended art experience.	

- ILO 1. 2. Creative, critical and analytical thinking
- SLO 2. Recognize of the variety of art media that can be used with young children to encourage their creativity.
- ILO 2. 2. Creative, critical and analytical thinking
- SLO 3. Demonstrate knowledge of methods to foster creativity in young children.
- ILO 3. 2. Creative, critical and analytical thinking

#### CHLD 72 LANGUAGE DEVELOPMENT

- SLO 1. Identify the stages of language acquisition and development.
- ILO 1. 2. Creative, critical and analytical thinking
- SLO 2. Demonstrate knowledge of how language can be integrated throughout the program.
- ILO 2. 2. Creative, critical and analytical thinking
- SLO 3. Recognize and understand the importance of studying language development within a social context.
- ILO 3. 4. Community/global consciousness and responsibility

#### CHLD 73 MUSIC & MOVEMENT IN THE EARLY YEARS

- SLO 1. Demonstrate knowledge of current research linking music to areas of development
- ILO 1. 2. Creative, critical and analytical thinking
- SLO 2. Design a music plan to enhance various areas of development.
- ILO 2. 2. Creative, critical and analytical thinking
- SLO 3. Evaluate music materials for their appropriateness for young children.
- ILO 3. 2. Creative, critical and analytical thinking

#### CHLD 74 SCIENCE & NATURE

- SLO 1. Plan, facilitate, and evaluate developmentally appropriate science and nature activities
- ILO 1. 2. Creative, critical and analytical thinking
- SLO 2. Demonstrate an understanding of the importance of science and nature when planning curriculum in an early childhood program.
- ILO 2. 2. Creative, critical and analytical thinking
- SLO 3. Develop a plan to integrate science with music, cooking, and other daily activities.
- ILO 3. 2. Creative, critical and analytical thinking

#### CHLD 79 CARING FOR INFANTS & TODDLERS IN GROUPS

- SLO 1. Design a high quality environment for infants and toddlers.
- ILO 1. 2. Creative, critical and analytical thinking
- SLO 2. Analyze the role of cultural sensitivity as it relates to infant, toddlers and families in group care settings.
- ILO 2. 4. Community/global consciousness and responsibility
- SLO 3. Describe the caregiver's role at each stage of infancy in supporting infant/toddler development in group care environments.
- ILO 3. 2. Creative, critical and analytical thinking

#### CHLD 82 PLANNING CREATIVE DRAMATICS

- SLO 1. Analyze and compare children's books that would be the most successful for children to use for story re-enactment experiences
- ILO 1. 2. Creative, critical and analytical thinking
- SLO 2. Demonstrate the use of various props that can be used to tell or re-enact a story.
- ILO 2. 2. Creative, critical and analytical thinking
- SLO 3. Develop a curriculum plan promoting large motor, small motor, social-emotional and language development through dramatics.
- ILO 3. 2. Creative, critical and analytical thinking

#### CHLD 85 LITERACY & LITERATURE IN EARLY CHILDHOOD EDUCATION

- SLO 1. Identify age-appropriate literature to support the developmental needs of young children.
- ILO 1. 2. Creative, critical and analytical thinking

**SLO 2.** Demonstrate understanding of methods and techniques for presenting literature to young children.

**ILO 2.** 2. Creative, critical and analytical thinking

**SLO 3.** Discuss the theoretical principles of emergent literacy in young children.

**ILO 3.** 2. Creative, critical and analytical thinking

**CHLD 86A MENTORING THE EARLY CARE & EDUCATION PROFESSIONAL**

**SLO 1.** Define and summarize early childhood best practices.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** Identify and apply knowledge of the developmental stages of assistant teachers, student teachers, parents and volunteers.

**ILO 2.** 2. Creative, critical and analytical thinking

**SLO 3.** Demonstrate effective communication skills and positive interactions between adults in the classroom.

**ILO 3.** 1. Communication

**CHLD 86B PRACTICUM STUDENT TEACHING IN AN EARLY CHILDHOOD PROGRAM**

**SLO 1.** Plan, facilitate and evaluate developmentally appropriate activities in various learning areas.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** Identify a teacher's role and communicate the principles and philosophies of early childhood education.

**ILO 2.** 2. Creative, critical and analytical thinking

**CHLD 88 CHILD, FAMILY & COMMUNITY**

**SLO 1.** Demonstrate familiarity of local resources to assist children and families.

**ILO 1.** 4. Community/global consciousness and responsibility

**SLO 2.** Identify various family structures, family strengths, and family stressors.

**ILO 2.** 4. Community/global consciousness and responsibility

**SLO 3.** Demonstrate understanding of the impact of culture on a child's development.

**ILO 3.** 4. Community/global consciousness and responsibility

**CHLD 88B POSITIVE BEHAVIOR MANAGEMENT**

**SLO 1.** Investigate the probable causes of behavior as it relates to culture, family values, second language acquisition and environment.

**ILO 1.** 4. Community/global consciousness and responsibility

**SLO 2.** Demonstrate effective age appropriate strategies when addressing conflict resolution scenarios.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 3.** Identify the nine temperament traits of children.

**ILO 3.** 2. Creative, critical and analytical thinking

**CHLD 89 CURRICULUM FOR EARLY CARE & EDUCATION PROGRAMS**

**SLO 1.** Evaluate various areas of the classroom by analyzing what children learn in various interest centers.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** Generate a lesson web incorporating creative activities for all interest areas.

**ILO 2.** 2. Creative, critical and analytical thinking

**SLO 3.** Explain the relationship between a quality learning environment and developmentally appropriate practice.

**ILO 3.** 2. Creative, critical and analytical thinking

**CHLD 90B ADMINISTRATION & SUPERVISION OF CHILDREN'S PROGRAMS PART I**

**SLO 1.** Identify the roles and responsibilities of the director as administrator of an early care and education program.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** Analyze the importance of program philosophy to all other aspects of operation and systems development.

**ILO 2.** 2. Creative, critical and analytical thinking

**SLO 3.** Apply key concepts to manage financial and funding aspects of an early care and education program.

**ILO 3.** 2. Creative, critical and analytical thinking

**CHLD 90C**      **ADMINISTRATION & SUPERVISION OF CHILDREN'S PROGRAMS PART 2**

**SLO 1.** Analyze the effectiveness of various marketing materials summarizing information about early care and education programs.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** Demonstrate knowledge needed to effectively conduct a parent tour in marketing an early care and education program.

**ILO 2.** 1. Communication

**SLO 3.** Demonstrate knowledge in using an early care and education assessment using selected professional assessments such as ECERS.

**ILO 3.** 2. Creative, critical and analytical thinking

**CHLD 91**      **ADMINISTRATION & SUPERVISION: ADULT SUPERVISION & LEADERSHIP**

**SLO 1.** Analyze guidance, teaching and evaluation strategies that are used for adults supervised in early care and education settings.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** Identify the developmental learning stages of teachers and other adults in an early care and education program.

**ILO 2.** 2. Creative, critical and analytical thinking

**SLO 3.** Identify leadership styles and assess one's own leadership development.

**ILO 3.** 2. Creative, critical and analytical thinking

**SLO 4.** Demonstrate understanding of the value and impact of change in early care and education settings.

**ILO 4.** 2. Creative, critical and analytical thinking

**CHLD 95**      **HEALTH, SAFETY & NUTRITION IN CHILDREN'S PROGRAMS**

**SLO 1.** Demonstrate knowledge of information on planning for emergencies and natural disasters.

**ILO 1.** 1. Communication

**SLO 2.** Identify the components of the food pyramid and be able to plan healthy meals and/or snacks for children.

**ILO 2.** 2. Creative, critical and analytical thinking

**SLO 3.** Identify signs and symptoms of child abuse and know how to report suspected abuse.

**ILO 3.** 2. Creative, critical and analytical thinking

**32 of 72 Course IDs for C/S in the Computers, Technology & Information Systems Division have SLO's.**

**2010-2011**

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Course ID	Title	SLO's
CIS 1	INTRODUCTION TO COMPUTER SCIENCE	
	<b>SLO 1.</b> Students will be able to describe the basic components of a computer-based information system and their functions.	



	SLO 2. Students will be able to use a top down approach to design a solution to a problem using a computer application.	
CIS 2	COMPUTERS & SOCIETY	
	SLO 1. Students will be able to identify and evaluate positive and negative impacts of a computer technology, computer system, or computer application, etc. on society.	
	SLO 2. Students will be able to identify and evaluate a primary solution and an alternate solution to a societal problem caused by computers.	
CIS 12A	FUNDAMENTALS OF VISUAL BASIC.NET PROGRAMMING	
	SLO 1. Demonstrate the comprehension of project specifications by writing a programming solution that meets project specifications.	
	SLO 2. Create a programming solution that solves a problem using necessary, efficient and extensible logic.	
	SLO 3. Demonstrate a comprehensive understanding of language tools by synthesizing and integrating multiple constructs into a single project.	
CIS 12C	INTERMEDIATE VISUAL BASIC PROGRAMMING	No SLOs on file.
CIS 12D	ADVANCED VISUAL BASIC.NET FOR WINDOWS-BASED APPLICATIONS	No SLOs on file.
CIS 12W	DEVELOPING WEB APPLICATIONS WITH VISUAL BASIC.NET	No SLOs on file.
CIS 15A	COMPUTER SCIENCE I: C++	
	SLO 1. Produce a program that meets a given set of guidelines.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	SLO 2. Demonstrates a comprehensive understanding of the language tools by synthesizing and integrating multiple language constructs in a single project.	
	ILO 2. 1. Communication 3. Computation 4. Community/global consciousness and responsibility	
CIS 15B	COMPUTER SCIENCE II: C++	
	SLO 1. Demonstrate the comprehension of the project specifications by writing a program that meets those specifications.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	SLO 2. Apply procedural and/or object-oriented programming skills in the development of high-quality, robust and efficient software.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
CIS 15C	COMPUTER SCIENCE III: DATA STRUCTURES & ALGORITHMS C++	
	SLO 1. Demonstrate the ability to implement abstract data structures in a real-world computer language.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	SLO 2. Apply data structures and algorithms to different problems in effective, and efficient ways that result in a functioning program or program module.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
CIS 15D	DESIGNING WITH C++ CLASSES	
CIS 15P	C++ FOR PROGRAMMERS	No SLOs on file.
CIS 18	DISCRETE MATHEMATICS	No SLOs on file.
CIS 19A	INTRODUCTION TO PROGRAMMING WITH C#	
	SLO 1. Based on a given set of guidelines for a product or application, produce program specifications, a successful student in this program will be able to create and debug code for those specifications and write comprehensible documentation.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	

**SLO 2.** A successful student in this program will be able to demonstrate a comprehensive understanding of language tools by synthesizing and integrating multiple language constructs in a single project.

**ILO 2.** 3. Computation

**SLO 4.** A successful student in this program will demonstrate proficiency in using data analysis, visualization and knowledge management tools, utilize systems design and analysis approaches to problem-solving, apply scientific method to research design and analysis, design and construct appropriate databases, select and use appropriate statistical methods, communicate effectively via spoken word, print and media and work collaboratively and ethically in teams, projects, etc.

**ILO 4.** 4. Community/global consciousness and responsibility

CIS 19K	USER INTERFACE DESIGN WITH EXPRESSIONS BLEND	No SLOs on file.
CIS 19L	WINDOWS COMMUNICATION FOUNDATION (WCF) INTRODUCTION	No SLOs on file.
CIS 19P	ADVANCED PROGRAMMING WITH C#	No SLOs on file.
CIS 19W	DEVELOPING WEB APPLICATIONS	No SLOs on file.
CIS 25A	PROGRAMMING IN C	No SLOs on file.
CIS 25B	ADVANCED PROGRAMMING IN C	No SLOs on file.
CIS 27A	COMPUTER SCIENCE I: JAVA	
	<b>SLO 1.</b> Produce a program that meets a given set of guidelines.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 2.</b> Demonstrates a comprehensive understanding of the language tools by synthesizing and integrating multiple language constructs in a single project.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
CIS 27B	COMPUTER SCIENCE II: JAVA	
	<b>SLO 1.</b> Demonstrate the comprehension of the project specifications by writing a program that meets those specifications.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 2.</b> Apply procedural and/or object-oriented programming skills in the development of high-quality, robust and efficient software.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
CIS 27C	COMPUTER SCIENCE III: DATA STRUCTURES & ALGORITHMS IN JAVA	
	<b>SLO 1.</b> Demonstrate the ability to implement abstract data structures in a real-world computer language.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Apply data structures and algorithms to different problems in effective, and efficient ways that result in a functioning program or program module.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
CIS 27D	JAVA ADVANCED FEATURES	No SLOs on file.
CIS 27P	JAVA FOR PROGRAMMERS	No SLOs on file.
CIS 30	SELECTED TOPICS IN PROGRAMMING TECHNOLOGY	No SLOs on file.
CIS 50A	USING THE COMPUTER: PC (WINDOWS)	
	<b>SLO 1.</b> The student will work through and submit personal productivity software (MSOffice) lab assignments using word processing, spreadsheet, database manager, and graphics to practice using the computer.	
	<b>SLO 2.</b> The student will read text, practice online tutorials, and research documentation and the Web to troubleshoot hardware/software and evaluate whether a computer-based solution is appropriate for a given situation.	

CIS 51A	PREPARATION FOR TECHNOLOGY CAREERS	No SLOs on file.
CIS 51C	WORKPLACE PRINCIPLES & PRACTICES	No SLOs on file.
CIS 52A	INTRODUCTION TO DATA MANAGEMENT SYSTEMS	
	SLO 1. Apply database concepts to explain different database management systems.	
	SLO 2. Create and maintain a simple database system using a DBMS for hands-on experience.	
CIS 52B	ORACLE SQL	
	SLO 1. Create, query and manipulate tables in a database using Oracle SQL.	
	SLO 2. Create and manage other schema objects using data definition language (DDL).	
CIS 52C	DATABASE MODELING & RELATIONAL DATABASE DESIGN	
	SLO 1. Draw entity-relationship (ER) diagrams.	
	SLO 2. Apply the database development life cycle in creating a capstone database design project.	
CIS 52E	ORACLE DATABASE ADMINISTRATION I	
	SLO 1. Explain the Oracle database architecture and how each component work and interact with each other.	
	SLO 2. Create an operational Oracle database and properly manage and maintain the various structures.	
CIS 52F	ORACLE DATABASE ADMINISTRATION II	
	SLO 1. Backup and recover an Oracle database using various administration tools.	
	SLO 2. Configure the Oracle database for better performance.	
CIS 52J	ORACLE: PROGRAM WITH PL/SQL	
	SLO 1. Create PL/SQL blocks of application code that can be shared by multiple forms, reports, and data management applications.	
	SLO 2. Develop, execute, and manage PL/SQL stored program units.	
CIS 52K	ORACLE FORMS DEVELOPER: BUILD INTERNET APPLICATIONS	
	SLO 1. Build, test, debug, and deploy interactive Internet applications.	
	SLO 2. Develop an order entry application from the ground up working in a graphical user interface(GUI) environment.	
CIS 52N	PHP & MYSQL	
	SLO 1. Write simple to intermediate programs using PHP.	
	SLO 2. Generate powerful, database-driven dynamic websites using PHP and MySQL.	
CIS 52P	PHP PROGRAMMING	
	SLO 1. Write advanced programs using PHP.	
	SLO 2. Create a capstone database-driven dynamic website using PHP and MySQL.	
CIS 52Q	MYSQL: IN-DEPTH	
	SLO 1. Create an operational MySQL database and properly manage and maintain the various structures.	
	SLO 2. Perform database administration functions on the MySQL database.	
CIS 54C	MICROSOFT SQL SERVER DATABASE DEVELOPMENT & DESIGN	
	SLO 1. Design a database strategy with all its associated components.	
	SLO 2. Design queries and the database for optimal performance.	
CIS 54D	MICROSOFT SQL SERVER IMPLEMENTATION & MAINTENANCE	

- SLO 1. Install and configure Microsoft SQL Server.  
 SLO 2. Manage, maintain and monitor Microsoft SQL Server database.

CIS 54E MICROSOFT SQL SERVER DATABASE ADMINISTRATION

- SLO 1. Monitor and troubleshoot queries, databases, and servers.  
 SLO 2. Optimize database server infrastructure using Microsoft SQL Server.

CIS 55A	INTRODUCTION TO GAMES	No SLOs on file.
CIS 55B	INTRODUCTION TO GAME DESIGN	No SLOs on file.
CIS 55C	PRACTICAL GAME DESIGN	No SLOs on file.
CIS 60	INTRODUCTION TO BUSINESS INFORMATION SYSTEMS	No SLOs on file.
CIS 61A	INFORMATICS	

- SLO 1. Students will be able apply principles of the scientific method toward solving an informatics problem.  
 SLO 2. Students will be able to identify appropriate statistical tools for exploratory data analysis of a domain problem.

CIS 61C	INFORMATICS TOOLS & METHODS	No SLOs on file.
CIS 61X	INFORMATICS PROJECTS	No SLOs on file.
CIS 61Y	INFORMATICS PROJECTS	No SLOs on file.
CIS 61Z	INFORMATICS PROJECTS	No SLOs on file.
CIS 62A	DATA WAREHOUSING & WEB MINING	

- SLO 1. Plan the architecture for a data warehousing project  
 SLO 2. Use knowledge discovery techniques to determine an effective data mining algorithm for solving a business problem.

CIS 63A	SYSTEMS ANALYSIS, DESIGN & HUMAN INTERFACE	No SLOs on file.
CIS 63A1	SYSTEMS ANALYSIS & DESIGN	No SLOs on file.
CIS 63B	DESIGN & ANALYSIS FOR INFORMATICS RESEARCH	No SLOs on file.
CIS 64A	COMPUTERIZED ACCOUNTING PRACTICE	No SLOs on file.
CIS 64B	COMPUTERIZED ACCOUNTING: SPREADSHEET	No SLOs on file.
CIS 68A	INTRODUCTION TO LINUX & UNIX	

- SLO 1. Students will be able to logon to a Unix or Linux operating system and use basic utilities.  
 SLO 2. Students will be able to evaluate, understand and execute fundamental commands and operations.

CIS 68B LINUX & UNIX SHELL PROGRAMMING

- SLO 1. Students will be able to design, create, and execute shell scripts written using the bash shell programming language.  
 SLO 2. Students will be able to read, comprehend, and modify scripts written by others.

CIS 68C1 LINUX & UNIX SYSTEM ADMINISTRATION

- SLO 1. Students will be able to understand and explain the system boot process  
 SLO 2. Students will be able to setup and manage user accounts and groups

CIS 68C2 LINUX & UNIX NETWORKING ADMINISTRATION

- SLO 1. configure multiple network interfaces.  
 SLO 2. configure domains and domain name services.

CIS 68C3	UNIX NAME SERVICE ADMINISTRATION	No SLOs on file.
CIS 68E	PROGRAMMING IN PERL	

- SLO 1. Interpret and translate computational word problems and related specifications into a congruent programmatic strategy.  
 SLO 2. Design and write Perl programs that implement a programmatic strategy.  
 SLO 3. Demonstrate core Perl language mastery by choosing and implementing concise control mechanisms and data structures.

**SLO 4.** Access and utilize standard language reference (perldocs) on Unix or Linux hosts, or the standard web based source (perldoc.perl.org).

CIS 68H	BIOPERL PROGRAMMING FOR BIOINFORMATICS	No SLOs on file.
CIS 68K	INTRODUCTION TO PYTHON PROGRAMMING	No SLOs on file.
CIS 68L	INTERMEDIATE PYTHON PROGRAMMING	No SLOs on file.
CIS 68M	INTERMEDIATE PERL PROGRAMMING	No SLOs on file.
CIS 78	SOFTWARE ENGINEERING	No SLOs on file.
CIS 96	SPECIAL PROJECTS	No SLOs on file.
CIS 96X	SPECIAL PROJECTS	No SLOs on file.
CIS 96Y	SPECIAL PROJECTS	No SLOs on file.
CIS 102	COMPUTER KEYBOARDING SKILLS	No SLOs on file.
CIS 111	LEARNING-COLLABORATIVE TRAINING	No SLOs on file.

**32 of 72 Course IDs for C/S in the Physical Sciences, Mathematics & Engineering Division have SLO's.**

**2010-2011**

Course ID	Title	SLO's
CIS 1	INTRODUCTION TO COMPUTER SCIENCE	
	<b>SLO 1.</b> Students will be able to describe the basic components of a computer-based information system and their functions.	
	<b>SLO 2.</b> Students will be able to use a top down approach to design a solution to a problem using a computer application.	
CIS 2	COMPUTERS & SOCIETY	
	<b>SLO 1.</b> Students will be able to identify and evaluate positive and negative impacts of a computer technology, computer system, or computer application, etc. on society.	
	<b>SLO 2.</b> Students will be able to identify and evaluate a primary solution and an alternate solution to a societal problem caused by computers.	
CIS 12A	FUNDAMENTALS OF VISUAL BASIC.NET PROGRAMMING	
	<b>SLO 1.</b> Demonstrate the comprehension of project specifications by writing a programming solution that meets project specifications.	
	<b>SLO 2.</b> Create a programming solution that solves a problem using necessary, efficient and extensible logic.	
	<b>SLO 3.</b> Demonstrate a comprehensive understanding of language tools by synthesizing and integrating multiple constructs into a single project.	
CIS 12C	INTERMEDIATE VISUAL BASIC PROGRAMMING	No SLOs on file.
CIS 12D	ADVANCED VISUAL BASIC.NET FOR WINDOWS-BASED APPLICATIONS	No SLOs on file.
CIS 12W	DEVELOPING WEB APPLICATIONS WITH VISUAL BASIC.NET	No SLOs on file.
CIS 15A	COMPUTER SCIENCE I: C++	
	<b>SLO 1.</b> Produce a program that meets a given set of guidelines.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 2.</b> Demonstrates a comprehensive understanding of the language tools by synthesizing and integrating multiple language constructs in a single project.	
	<b>ILO 2.</b> 1. Communication 3. Computation 4. Community/global consciousness and responsibility	
CIS 15B	COMPUTER SCIENCE II: C++	
	<b>SLO 1.</b> Demonstrate the comprehension of the project specifications by writing a program that meets those specifications.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	

	<b>SLO 2.</b> Apply procedural and/or object-oriented programming skills in the development of high-quality, robust and efficient software.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
CIS 15C	COMPUTER SCIENCE III: DATA STRUCTURES & ALGORITHMS C++	
	<b>SLO 1.</b> Demonstrate the ability to implement abstract data structures in a real-world computer language.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Apply data structures and algorithms to different problems in effective, and efficient ways that result in a functioning program or program module.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
CIS 15D	DESIGNING WITH C++ CLASSES	
CIS 15P	C++ FOR PROGRAMMERS	No SLOs on file.
CIS 18	DISCRETE MATHEMATICS	No SLOs on file.
CIS 19A	INTRODUCTION TO PROGRAMMING WITH C#	
	<b>SLO 1.</b> Based on a given set of guidelines for a product or application, produce program specifications, a successful student in this program will be able to create and debug code for those specifications and write comprehensible documentation.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking	
	<b>SLO 2.</b> A successful student in this program will be able to demonstrate a comprehensive understanding of language tools by synthesizing and integrating multiple language constructs in a single project.	
	<b>ILO 2.</b> 3. Computation	
	<b>SLO 4.</b> A successful student in this program will demonstrate proficiency in using data analysis, visualization and knowledge management tools, utilize systems design and analysis approaches to problem-solving, apply scientific method to research design and analysis, design and construct appropriate databases, select and use appropriate statistical methods, communicate effectively via spoken word, print and media and work collaboratively and ethically in teams, projects, etc.	
	<b>ILO 4.</b> 4. Community/global consciousness and responsibility	
CIS 19K	USER INTERFACE DESIGN WITH EXPRESSIONS BLEND	No SLOs on file.
CIS 19L	WINDOWS COMMUNICATION FOUNDATION (WCF) INTRODUCTION	No SLOs on file.
CIS 19P	ADVANCED PROGRAMMING WITH C#	No SLOs on file.
CIS 19W	DEVELOPING WEB APPLICATIONS	No SLOs on file.
CIS 25A	PROGRAMMING IN C	No SLOs on file.
CIS 25B	ADVANCED PROGRAMMING IN C	No SLOs on file.
CIS 27A	COMPUTER SCIENCE I: JAVA	
	<b>SLO 1.</b> Produce a program that meets a given set of guidelines.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 2.</b> Demonstrates a comprehensive understanding of the language tools by synthesizing and integrating multiple language constructs in a single project.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
CIS 27B	COMPUTER SCIENCE II: JAVA	
	<b>SLO 1.</b> Demonstrate the comprehension of the project specifications by writing a program that meets those specifications.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 2.</b> Apply procedural and/or object-oriented programming skills in the development of high-quality, robust and efficient software.	

	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
CIS 27C	COMPUTER SCIENCE III: DATA STRUCTURES & ALGORITHMS IN JAVA	
	SLO 1. Demonstrate the ability to implement abstract data structures in a real-world computer language.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	SLO 2. Apply data structures and algorithms to different problems in effective, and efficient ways that result in a functioning program or program module.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
CIS 27D	JAVA ADVANCED FEATURES	No SLOs on file.
CIS 27P	JAVA FOR PROGRAMMERS	No SLOs on file.
CIS 30	SELECTED TOPICS IN PROGRAMMING TECHNOLOGY	No SLOs on file.
CIS 50A	USING THE COMPUTER: PC (WINDOWS)	
	SLO 1. The student will work through and submit personal productivity software (MSOffice) lab assignments using word processing, spreadsheet, database manager, and graphics to practice using the computer.	
	SLO 2. The student will read text, practice online tutorials, and research documentation and the Web to troubleshoot hardware/software and evaluate whether a computer-based solution is appropriate for a given situation.	
CIS 51A	PREPARATION FOR TECHNOLOGY CAREERS	No SLOs on file.
CIS 51C	WORKPLACE PRINCIPLES & PRACTICES	No SLOs on file.
CIS 52A	INTRODUCTION TO DATA MANAGEMENT SYSTEMS	
	SLO 1. Apply database concepts to explain different database management systems.	
	SLO 2. Create and maintain a simple database system using a DBMS for hands-on experience.	
CIS 52B	ORACLE SQL	
	SLO 1. Create, query and manipulate tables in a database using Oracle SQL.	
	SLO 2. Create and manage other schema objects using data definition language (DDL).	
CIS 52C	DATABASE MODELING & RELATIONAL DATABASE DESIGN	
	SLO 1. Draw entity-relationship (ER) diagrams.	
	SLO 2. Apply the database development life cycle in creating a capstone database design project.	
CIS 52E	ORACLE DATABASE ADMINISTRATION I	
	SLO 1. Explain the Oracle database architecture and how each component work and interact with each other.	
	SLO 2. Create an operational Oracle database and properly manage and maintain the various structures.	
CIS 52F	ORACLE DATABASE ADMINISTRATION II	
	SLO 1. Backup and recover an Oracle database using various administration tools.	
	SLO 2. Configure the Oracle database for better performance.	
CIS 52J	ORACLE: PROGRAM WITH PL/SQL	
	SLO 1. Create PL/SQL blocks of application code that can be shared by multiple forms, reports, and data management applications.	
	SLO 2. Develop, execute, and manage PL/SQL stored program units.	
CIS 52K	ORACLE FORMS DEVELOPER: BUILD INTERNET APPLICATIONS	



	SLO 1. Build, test, debug, and deploy interactive Internet applications.	
	SLO 2. Develop an order entry application from the ground up working in a graphical user interface(GUI) environment.	
CIS 52N	PHP & MYSQL	
	SLO 1. Write simple to intermediate programs using PHP.	
	SLO 2. Generate powerful, database-driven dynamic websites using PHP and MySQL.	
CIS 52P	PHP PROGRAMMING	
	SLO 1. Write advanced programs using PHP.	
	SLO 2. Create a capstone database-driven dynamic website using PHP and MySQL.	
CIS 52Q	MYSQL: IN-DEPTH	
	SLO 1. Create an operational MySQL database and properly manage and maintain the various structures.	
	SLO 2. Perform database administration functions on the MySQL database.	
CIS 54C	MICROSOFT SQL SERVER DATABASE DEVELOPMENT & DESIGN	
	SLO 1. Design a database strategy with all its associated components.	
	SLO 2. Design queries and the database for optimal performance.	
CIS 54D	MICROSOFT SQL SERVER IMPLEMENTATION & MAINTENANCE	
	SLO 1. Install and configure Microsoft SQL Server.	
	SLO 2. Manage, maintain and monitor Microsoft SQL Server database.	
CIS 54E	MICROSOFT SQL SERVER DATABASE ADMINISTRATION	
	SLO 1. Monitor and troubleshoot queries, databases, and servers.	
	SLO 2. Optimize database server infrastructure using Microsoft SQL Server.	
CIS 55A	INTRODUCTION TO GAMES	No SLOs on file.
CIS 55B	INTRODUCTION TO GAME DESIGN	No SLOs on file.
CIS 55C	PRACTICAL GAME DESIGN	No SLOs on file.
CIS 60	INTRODUCTION TO BUSINESS INFORMATION SYSTEMS	No SLOs on file.
CIS 61A	INFORMATICS	
	SLO 1. Students will be able apply principles of the scientific method toward solving an informatics problem.	
	SLO 2. Students will be able to identify appropriate statistical tools for exploratory data analysis of a domain problem.	
CIS 61C	INFORMATICS TOOLS & METHODS	No SLOs on file.
CIS 61X	INFORMATICS PROJECTS	No SLOs on file.
CIS 61Y	INFORMATICS PROJECTS	No SLOs on file.
CIS 61Z	INFORMATICS PROJECTS	No SLOs on file.
CIS 62A	DATA WAREHOUSING & WEB MINING	
	SLO 1. Plan the architecture for a data warehousing project	
	SLO 2. Use knowledge discovery techniques to determine an effective data mining algorithm for solving a business problem.	
CIS 63A	SYSTEMS ANALYSIS, DESIGN & HUMAN INTERFACE	No SLOs on file.
CIS 63A1	SYSTEMS ANALYSIS & DESIGN	No SLOs on file.
CIS 63B	DESIGN & ANALYSIS FOR INFORMATICS RESEARCH	No SLOs on file.
CIS 64A	COMPUTERIZED ACCOUNTING PRACTICE	No SLOs on file.
CIS 64B	COMPUTERIZED ACCOUNTING: SPREADSHEET	No SLOs on file.
CIS 68A	INTRODUCTION TO LINUX & UNIX	

**SLO 1.** Students will be able to logon to a Unix or Linux operating system and use basic utilities.

**SLO 2.** Students will be able to evaluate, understand and execute fundamental commands and operations.

**CIS 68B LINUX & UNIX SHELL PROGRAMMING**

**SLO 1.** Students will be able to design, create, and execute shell scripts written using the bash shell programming language.

**SLO 2.** Students will be able to read, comprehend, and modify scripts written by others.

**CIS 68C1 LINUX & UNIX SYSTEM ADMINISTRATION**

**SLO 1.** Students will be able to understand and explain the system boot process

**SLO 2.** Students will be able to setup and manage user accounts and groups

**CIS 68C2 LINUX & UNIX NETWORKING ADMINISTRATION**

**SLO 1.** configure multiple network interfaces.

**SLO 2.** configure domains and domain name services.

**CIS 68C3 UNIX NAME SERVICE ADMINISTRATION**

No SLOs on file.

**CIS 68E PROGRAMMING IN PERL**

**SLO 1.** Interpret and translate computational word problems and related specifications into a congruent programmatic strategy.

**SLO 2.** Design and write Perl programs that implement a programmatic strategy.

**SLO 3.** Demonstrate core Perl language mastery by choosing and implementing concise control mechanisms and data structures.

**SLO 4.** Access and utilize standard language reference (perldocs) on Unix or Linux hosts, or the standard web based source (perldoc.perl.org).

**CIS 68H BIOPERL PROGRAMMING FOR BIOINFORMATICS**

No SLOs on file.

**CIS 68K INTRODUCTION TO PYTHON PROGRAMMING**

No SLOs on file.

**CIS 68L INTERMEDIATE PYTHON PROGRAMMING**

No SLOs on file.

**CIS 68M INTERMEDIATE PERL PROGRAMMING**

No SLOs on file.

**CIS 78 SOFTWARE ENGINEERING**

No SLOs on file.

**CIS 96 SPECIAL PROJECTS**

No SLOs on file.

**CIS 96X SPECIAL PROJECTS**

No SLOs on file.

**CIS 96Y SPECIAL PROJECTS**

No SLOs on file.

**CIS 102 COMPUTER KEYBOARDING SKILLS**

No SLOs on file.

**CIS 111 LEARNING-COLLABORATIVE TRAINING**

No SLOs on file.

**11 of 55 Course IDs for CNET in the Computers, Technology & Information Systems Division have SLO's.**

**2010-2011**

Course ID	Title	SLO's
CNET 50	INTRODUCTION TO COMPUTER NETWORKING	
	<b>SLO 1.</b> The student will be able to identify and describe the various types of computer networks and their uses.	
	<b>SLO 2.</b> Students will be able to describe and identify the physical components and underlying communication processes of the various types of networks.	
CNET 52A	INTRODUCTION TO COMPUTERS & INFORMATION COMMUNICATIONS TECHNOLOGY	No SLOs on file.
CNET 53A	INTRODUCTION TO NETWORK MANGEMENT	No SLOs on file.
CNET 53B	OPERATING JUNIPER ROUTERS IN THE ENTERPRISE	No SLOs on file.
CNET 53C	ADVANCED JUNIPER NETWORKS ROUTING IN THE ENTERPRISE	No SLOs on file.
CNET 53F	INFORMATION STORAGE MANAGEMENT	No SLOs on file.

CNET 53M	DESIGNING CISCO INTERNETWORKING SOLUTIONS	No SLOs on file.
CNET 53N	FUNDAMENTALS OF ENTERPRISE NETWORK DESIGN	No SLOs on file.
CNET 54A	NETWORKING FUNDAMENTALS & THE TCP/IP PROTOCOL SUITE (CCNA I)	
	SLO 1. The student will understand the role of the OSI Model in Networking	
	SLO 2. The student will learn how to apply IP addressing	
CNET 54B	ROUTING PROTOCOLS & CONCEPTS (CCNA II)	
	SLO 1. The student will learn how to configure RIP, EIRGP, and OSPF	
	SLO 2. The student will learn to troubleshoot routing problems	
CNET 54C	LAN SWITCHING & WIRELESS NETWORKS (CCNA III)	
	SLO 1. The student will learn how to configure wireless networks	
	SLO 2. The student will learn how to configure VLANs	
CNET 54D	WAN TECHNOLOGIES (CCNA IV)	
	SLO 1. The student will learn how to configure Frame Relay networks	
	ILO 1. 3. Computation	
	SLO 2. The students will learn how to design, configure, and test access control lists.	
	ILO 2. 3. Computation	
CNET 54E	CCNA SECURITY	No SLOs on file.
CNET 54G	BUILDING SCALABLE CISCO INTERNETWORKS (CCNP I)	No SLOs on file.
CNET 54H	IMPLEMENTING SECURE CONVERGED WANS (ISCW)	No SLOs on file.
CNET 54I	BUILDING CISCO MULTILAYER SWITCHED NETWORKS (BCMSN) (CCNP III)	No SLOs on file.
CNET 54J	OPTIMIZING CONVERGED CISCO NETWORKS (ONT) (CCNP IV)	No SLOs on file.
CNET 54L	NETWORK SECURITY I FIREWALLS, ACCESS, CONTROL & IDENTITY MANAGEMENT	No SLOs on file.
CNET 54M	CISCO NETWORK SECURITY II - VIRTUAL PRIVATE NETWORKS, INTRUSION DETECTION SYSTEMS & INTRUSION PREVENTION SYSTEMS	No SLOs on file.
CNET 54N	FUNDAMENTALS OF CISCO WIRELESS LANS	No SLOs on file.
CNET 54Q	INTRODUCTION TO VOICE OVER IP (VOIP) TECHNOLOGIES	No SLOs on file.
CNET 56A	INTRODUCTION TO NETWORK SECURITY	No SLOs on file.
CNET 56B	INTRUSION DETECTION, AWARENESS, ANALYSIS & PREVENTION	No SLOs on file.
CNET 56C	NETWORK SECURITY PENETRATION TESTING & ETHICAL HACKING	No SLOs on file.
CNET 56E	WINDOWS XP/2000/2003 SYSTEM SECURITY	No SLOs on file.
CNET 56F	LINUX & UNIX SYSTEM SECURITY	No SLOs on file.
CNET 56G	THE CERTIFIED INFORMATION SYSTEMS PROFESSIONAL	No SLOs on file.
CNET 56J	FUNDAMENTALS OF COMPUTER FORENSICS	No SLOs on file.
CNET 60F	MICROSOFT WINDOWS 2003 EXCHANGE SERVER	No SLOs on file.
CNET 60J	WINDOWS SCRIPTING FOR SYSTEM ADMINISTRATORS	No SLOs on file.
CNET 60K	POWERSHELL SCRIPTING	No SLOs on file.
CNET 65A	WIRELESS NETWORK ADMINISTRATION	No SLOs on file.
CNET 65B	WIRELESS NETWORK SECURITY	No SLOs on file.
CNET 65C	WIRELESS NETWORK ANALYSIS	No SLOs on file.
CNET 75A	MICROSOFT WINDOWS VISTA	
	SLO 1. Students will be able to install and configure the Vista operating system.	
	SLO 2. Students will be able to integrate Vista into a Windows domain and use a variety of networking services.	
CNET 75B	WINDOWS SERVER 2008 NETWORK INFRASTRUCTURE	

- SLO 1.** Students will be able to install and configure all basic networking services.
- SLO 2.** Students will comprehend the integration and relationships between the various networking services in a Windows Server 2008 environment.

**CNET 75C**      **WINDOWS SERVER 2008 ACTIVE DIRECTORY**

- SLO 1.** Students will be able to install, configure, and manage a Windows 2008 Active Directory service.
- SLO 2.** Students will learn to create and manage user, group, and computer accounts in an Active Directory environment.

**CNET 75D**      **WINDOWS SERVER 2008 APPLICATION PLATFORMS**

- SLO 1.** Students will learn to install and configure Windows 2008 application platforms including Web, Terminal, and FTP services .
- SLO 2.** Students will be able to integrate and manage application platforms into a Windows 2008 network environment.

**CNET 75E**      **WINDOWS SERVER 2008 SERVER ADMINISTRATOR**

- SLO 1.** Students will be able to administer and deploy the operations of a subset of servers in a Windows 2008 network environment.
- SLO 2.** Students can describe best practices for the maintenance and management of a subset of servers in a Windows 2008 network environment.

**CNET 75F**      **WINDOWS SERVER 2008 ENTERPRISE ADMINISTRATION**

- SLO 1.** Students will learn to plan and design a Windows 2008 Enterprise network.
- SLO 2.** Students can describe the best design practices for both the physical and logical infrastructure of an Enterprise network.

<b>CNET 75G</b>	<b>WINDOWS VISTA CLIENT ENTERPRISE SUPPORT TECHNICIANS</b>	No SLOs on file.
<b>CNET 75I</b>	<b>MICROSOFT WINDOWS 2007 EXCHANGE SERVER</b>	No SLOs on file.
<b>CNET 80A</b>	<b>SELECTED TOPICS IN NETWORK TECHNOLOGY</b>	No SLOs on file.
<b>CNET 80B</b>	<b>SELECTED TOPICS IN NETWORK TECHNOLOGY</b>	No SLOs on file.
<b>CNET 80C</b>	<b>SELECTED TOPICS IN NETWORK TECHNOLOGY</b>	No SLOs on file.
<b>CNET 95A</b>	<b>CABLE INSTALLATION &amp; TERMINATION</b>	No SLOs on file.
<b>CNET 95G</b>	<b>NETWORK TESTING &amp; TROUBLESHOOTING</b>	No SLOs on file.
<b>CNET 97A</b>	<b>A PRACTICUM IN ENTERPRISE SECURITY</b>	No SLOs on file.
<b>CNET 99</b>	<b>CNET PROJECT</b>	No SLOs on file.
<b>CNET 112</b>	<b>LEARN TO BUILD YOUR OWN PC</b>	No SLOs on file.
<b>CNET 113</b>	<b>HOME TECHNOLOGY INTEGRATOR &amp; COMPTIA/CEDIA INSTALLER I</b>	No SLOs on file.
<b>CNET 116A</b>	<b>INTRODUCTION TO PC ELECTRONICS &amp; THE COMMAND LINE (A+ PREP)</b>	No SLOs on file.
<b>CNET 116B</b>	<b>WINDOWS INSTALLATION, UPGRADING &amp; TROUBLESHOOTING (A+ PREP)</b>	No SLOs on file.
<b>CNET 118</b>	<b>OTI: WORK SKILLS IN A TECHNICAL SUPPORT ROLE</b>	No SLOs on file.
<b>CNET 119</b>	<b>BUSINESS SKILLS FOR SERVICE/SUPPORT &amp; PROJECT MANAGEMENT</b>	No SLOs on file.

11 of 18 Course IDs for CNSL in the Counseling and Student Services Division have SLO's.

2010-2011

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Course ID	Title	SLO's
CNSL 1	COLLEGE SUCCESS	
	<b>SLO 1.</b> Develop short and long term goals	

- SLO 2. Apply organizational and time management strategies  
 SLO 3. Identify and use campus resources to improve college success

CNSL 2	COLLEGE & LIFE MANAGEMENT	No SLOs on file.
CNSL 50	INTRODUCTION TO COLLEGE	
	SLO 1. Identify Foothill graduation requirements	
	SLO 2. Locate and use transfer resources on campus	
	SLO 3. Develop and education plan	
CNSL 51	PASS THE TORCH TRAINING: LEARNING STRATEGIES FOR STUDENTS PAIRED IN ONE-ON-ONE STUDY TEAMS	
	SLO 1. Students will implement and assess effective strategies for understanding/remembering text information.	
	SLO 2. Develop and achieve an effective, efficient personal system of study.	
	SLO 3. Students will develop effective time management and concentration strategies.	
CNSL 53	EFFECTIVE STUDY	
	SLO 1. Identify time-management strategies	
	SLO 2. Identify study skill techniques	
	SLO 1. Identify time-management strategies	
	SLO 2. Identify study skill techniques	
CNSL 72	STRESS, WELLNESS & COPING	
	SLO 1. Apply at least three coping skills from the class, be able to identify personal stressors, and describe the effects in his or her life.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Demonstrate a reduction in stress symptoms (amount, frequency, or intensity).	
	ILO 2. 4. Community/global consciousness and responsibility	
CNSL 85H	TRANSFER READINESS	No SLOs on file.
CNSL 86	INTRODUCTION TO LEADERSHIP	
	SLO 1. Provide leadership with an understanding of group dynamics including conflict resolution and group decision making processes.	
	SLO 2. Communicate effectively in a variety of settings within a diverse community, through an understanding and appreciation of cultural diversity, student organizations, and community.	
	SLO 3. Demonstrate an awareness of one's community, and the role and responsibility that he or she plays within the community.	
	SLO 1. Provide leadership with an understanding of group dynamics including conflict resolution and group decision making processes.	
	SLO 2. Communicate effectively in a variety of settings within a diverse community, through an understanding and appreciation of cultural diversity, student organizations, and community.	
	SLO 3. Demonstrate an awareness of one's community, and the role and responsibility that he or she plays within the community.	
CNSL 86LX	LEADERSHIP LABORATORY	No SLOs on file.
CNSL 86LY	LEADERSHIP LABORATORY	No SLOs on file.
CNSL 86LZ	LEADERSHIP LABORATORY	No SLOs on file.
CNSL 86X	LEADERSHIP: THEORIES, STYLES, & REALITIES	No SLOs on file.
CNSL 86Y	LEADERSHIP: THEORIES, STYLES, & REALITIES	No SLOs on file.
CNSL 87	LEADERSHIP: THEORIES & PRACTICES	No SLOs on file.

CNSL 88	LEADERSHIP: THEORIES, STYLES & REALITIES	
	SLO 1. Demonstrate an awareness of one's community, and the role and responsibility that he or she plays within the community	
	SLO 2. Provide leadership with an expanded understanding of group dynamics including conflict resolution, group decision-making, and civic responsibility.	
CNSL 89	ADVANCED LEADERSHIP: THEORIES, STYLES & REALITIES	No SLOs on file.
CNSL 90	INTRODUCTION TO ONLINE LEARNING	
	SLO 1. Apply time management skills	
	SLO 2. Interact with class members online	
	SLO 3. Critically evaluate the components of online instruction	
	SLO 4. Critically evaluate and discuss online group learning strategies	
	ILO 4. 2. Creative, critical and analytical thinking	
CNSL 175	EOPS: THE ROAD TO COLLEGE SUCCESS - MORE THAN JUST BOOKS	
	SLO 1. Identify basic tenets for the EOPS/CARE Programs, participation, requirements and student responsibilities.	
	ILO 1. 4. Community/global consciousness and responsibility	
	SLO 2. Demonstrate an understanding of basic financial aid and scholarship information.	
	ILO 2. 4. Community/global consciousness and responsibility	
	SLO 3. Identify the various tutorial services available on campus.	

2 of 21 Course IDs for COIN in the Computers, Technology & Information Systems Division have SLO's.

2010-2011

Course ID	Title	SLO's
COIN 51	INTERNET TECHNOLOGY & APPLICATIONS: INTRODUCTION	No SLOs on file.
COIN 56	E-BUSINESS	No SLOs on file.
COIN 58	ELECTRONIC COMMERCE PROJECTS	No SLOs on file.
COIN 61	PUBLISHING ON THE WEB USING HTML/XHTML	No SLOs on file.
COIN 63	ADVANCED TOPICS IN WEB PUBLISHING	No SLOs on file.
COIN 65	USING CASCADING STYLE SHEETS FOR DESIGN	No SLOs on file.
COIN 66	APACHE WEB SERVER MANAGEMENT	No SLOs on file.
COIN 67	RUBY ON RAILS - WEB APPLICATION DEVELOPMENT	
	SLO 1. Create database-driven web applications using the Ruby language and the Rails framework.	
	SLO 2. Create a capstone database-driven web application using the Ruby language and the Rails framework.	
COIN 70A	INTRODUCTION TO PROGRAMMING USING JAVASCRIPT	No SLOs on file.
COIN 70B	USING JAVASCRIPT	No SLOs on file.
COIN 71	APPLICATION SOFTWARE DEVELOPMENT WITH AJAX	No SLOs on file.
COIN 72	WEB MARKETING	No SLOs on file.
COIN 74A	WEB PUBLISHING TOOLS: DREAMWEAVER BASICS	No SLOs on file.
COIN 78	EXTENSIBLE MARKUP LANGUAGE (XML)	
	SLO 1. Develop a well formed XML document representing a content model using various data structures, following the XML 1.0 specification, and utilizing a validating DTD and XSD schema for document structure and dataTypes.	
	SLO 2. Troubleshoot and repair XML documents that are either not well formed and/or valid against a known DTD or schema. Ability to learn, edit, and utilize other / current XMLs, including RSS, XML sitemaps, and Web services.	
COIN 78B	INTERNET PROGRAMMING WITH XML	No SLOs on file.

COIN 78C	XML FOR INFORMATICS	No SLOs on file.
COIN 78D	USER INTERFACE DESIGN WITH EXPRESSION BLEND	No SLOs on file.
COIN 80	SELECTED TOPICS IN INTERNET TECHNOLOGY	No SLOs on file.
COIN 81	INTRODUCTION TO BIOINFORMATICS TOOLS & DATABASES	No SLOs on file.
COIN 82	IMAGES FOR THE WEB	No SLOs on file.
COIN 83	SOCIAL COMPUTING IN A GLOBAL CONTEXT	No SLOs on file.

8 of 24 Course IDs for *COMM* in the Fine Arts and Communication Division have SLO's.

2010-2011

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Course ID	Title	SLO's
COMM 1A	PUBLIC SPEAKING	No SLOs on file.
COMM 1AH	HONORS PUBLIC SPEAKING	
	SLO 1. Demonstrates increase in presentation confidence	
	ILO 1. 1. Communication	
	SLO 2. Organizes and delivers an effective speech	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking	
COMM 1B	ARGUMENTATION & PERSUASION	No SLOs on file.
COMM 1BH	HONORS ARGUMENTATION & PERSUASION	No SLOs on file.
COMM 2	INTERPERSONAL COMMUNICATION	
	SLO 1. Identifies patterns in interpersonal relationships.	
	SLO 2. Utilizes appropriate communication patterns in interpersonal communication situations.	
COMM 3	FUNDAMENTALS OF ORAL COMMUNICATION	
	SLO 1. Examines verbal and nonverbal communication	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. Analyzes forms of communication in various contexts	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
COMM 4	GROUP DISCUSSION	No SLOs on file.
COMM 10	GENDER, COMMUNICATION & CULTURE	No SLOs on file.
COMM 12	INTERCULTURAL COMMUNICATION	No SLOs on file.
COMM 34H	HONORS INSTITUTE SEMINAR IN COMMUNICATION STUDIES	No SLOs on file.
COMM 35	DEPARTMENT HONORS PROJECTS IN COMMUNICATION STUDIES	No SLOs on file.
COMM 35X	DEPARTMENT HONORS PROJECTS IN COMMUNICATION STUDIES	No SLOs on file.
COMM 35Y	DEPARTMENT HONORS PROJECTS IN COMMUNICATION STUDIES	No SLOs on file.
COMM 35Z	DEPARTMENT HONORS PROJECTS IN COMMUNICATION STUDIES	No SLOs on file.
COMM 36	SPECIAL PROJECTS IN COMMUNICATION STUDIES	No SLOs on file.
COMM 36X	SPECIAL PROJECTS IN COMMUNICATION STUDIES	No SLOs on file.
COMM 36Y	SPECIAL PROJECTS IN COMMUNICATION STUDIES	No SLOs on file.
COMM 36Z	SPECIAL PROJECTS IN SPEECH	No SLOs on file.
COMM 54	INTERCOLLEGIATE SPEECH/DEBATE	No SLOs on file.
COMM 55	CAREER & LEADERSHIP COMMUNICATION IN THE GLOBAL WORKPLACE	
	SLO 1. Identifies patterns in professional communication	
	SLO 2. Utilizes appropriate communication patterns in professional communication situations	



COMM 190	DIRECTED STUDY
	SLO 1. Expands knowledge of communication topic of study
	SLO 2. Increases ability to apply communication topic of study in academic, professional, or personal situations.
COMM 190X	DIRECTED STUDY
	SLO 1. Expands knowledge of communication topic of study.
	SLO 2. Increases ability to apply communication topic of study in academic, professional, or personal situations
COMM 190Y	DIRECTED STUDY
	SLO 1. Expands knowledge of communication topic of study.
	SLO 2. Increases ability to apply communication topic of study in academic, professional, or personal situations.
COMM 190Z	DIRECTED STUDY
	SLO 1. Expands knowledge of communication topic of study
	SLO 2. Increases ability to apply communication topic of study in academic, professional, or personal situations.

4 of 5 Course IDs for *CRLP* in the Counseling and Student Services Division have SLO's.

2010-2011

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Course ID	Title	SLO's
CRLP 55	LIFELONG LEARNING STRATEGIES	No SLOs on file.
CRLP 70	SELF-ASSESSMENT	
	SLO 1. Demonstrate the use of assessment tools to guide career choice SLO 2. Identify career-related resources SLO 3. Develop a career action plan	
CRLP 71	EXPLORING CAREER FIELDS	
	SLO 1. Assess areas of career interest using several career assessment instruments	
	SLO 2. Assess areas of career aptitude using several career aptitude instruments	
	SLO 3. Understand the elements of a career action plan for a selected career to include academic experiences, work experiences, career and life goals and a timetable to career goal achievement.	
	SLO 4. Using self-study take advantage of online career resources such as Eureka and Career Builder	
	ILO 4. 2. Creative, critical and analytical thinking	
CRLP 73	EFFECTIVE RESUME WRITING	
	SLO 1. Create a flawless solicited and unsolicited cover letter for a desired position description using posted guidelines.	
	SLO 2. Create a flawless targeted resume using guidelines established in the class.	
	SLO 3. Create a written job search plan.	
CRLP 74	SUCCESSFUL INTERVIEWING TECHNIQUES	
	SLO 1. Ability to perform research on jobs, job market trends, companies, etc. using libraries and librarians	
	SLO 2. Prepare for the job interview using a checklist	
	SLO 3. Prepare to answer a myriad of interview questions include "tough" questions.	

3 of 8 Course IDs for *CRWR* in the Language Arts Division have SLO's.

2010-2011

Course ID	Title	SLO's
CRWR 6	INTRODUCTION TO CREATIVE WRITING	
	SLO 1. Use the elements of the craft with proficiency in both poetry and fiction.	
	SLO 2. Identify the elements of the craft in masterworks in both poetry and fiction.	
CRWR 34H	HONORS INSTITUTE SEMINAR IN CREATIVE WRITING	No SLOs on file.
CRWR 36C	SCREENPLAY WRITING	No SLOs on file.
CRWR 39A	INTRODUCTION TO SHORT FICTION WRITING	
	SLO 1. Use the elements of the craft with proficiency in short fiction.	
	SLO 2. Identify the elements of the craft in masterworks in short fiction.	
CRWR 39B	ADVANCED SHORT FICTION WRITING	No SLOs on file.
CRWR 40	INTRODUCTION TO WRITING THE NOVEL	No SLOs on file.
CRWR 41A	POETRY WRITING	
	SLO 1. Use the elements of the craft with proficiency in poetry.	
	SLO 2. Identify the elements of the craft in masterworks in poetry.	
CRWR 41B	ADVANCED POETRY WRITING	No SLOs on file.

9 of 19 Course IDs for *CWE* in the Computers, Technology & Information Systems Division have SLO's.

2010-2011

Course ID	Title	SLO's
CWE 55	OCCUPATIONAL WORK EXPERIENCE	
	SLO 1. Assess and resolve an existing human relation challenge(s) or issue(s) at the workplace	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 2. Improve thier work performance using current tasks at their workplace	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	SLO 3. Assess personal business skills and demonstrate how these skills can enhance skills at their workplace	
	ILO 3. 1. Communication 3. Computation 4. Community/global consciousness and responsibility	
	SLO 4. Utilize appropriate information technology at their workplace	
	ILO 4. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
CWE 55A	OCCUPATIONAL WORK EXPERIENCE	
	SLO 1. Assess and resolve an existing human relation challenge(s) or issue(s) at the workplace	
	SLO 2. Develop a learning objective that improves the student's performance using current tasks at their workplace	
	SLO 3. Assess personal business skills and demonstrate how these skills can enhance skills at their workplace	
	SLO 4. Utilize appropriate information technology in their workplace	
CWE 55B	OCCUPATIONAL WORK EXPERIENCE	
	SLO 1. Assess and resolve an existing human relation challenge(s) or issue(s) at the workplace	
	SLO 2. Develop a learning objective that improves the student's performance using current tasks at their workplace	
	SLO 3. Assess personal business skills and demonstrate how these skills can enhance skills at their workplace	
	SLO 4. Utilize appropriate information technology in their workplace	

CWE 55C	OCCUPATIONAL WORK EXPERIENCE	
	SLO 1. Assess and resolve an existing human relation challenge(s) or issue(s) at the workplace	
	SLO 2. Develop a learning objective that improves the student's performance using current tasks at their workplace	
	SLO 3. Assess personal business skills and demonstrate how these skills can enhance skills at their workplace	
	SLO 4. Utilize appropriate information technology in their workplace	
CWE 55D	OCCUPATIONAL WORK EXPERIENCE	No SLOs on file.
CWE 55E	OCCUPATIONAL WORK EXPERIENCE	No SLOs on file.
CWE 56	OCCUPATIONAL WORK EXPERIENCE: COMMUNITY SERVICE	
	SLO 1. Assess and resolve an existing human relation challenge(s) or issue(s) at the workplace	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. Develop a learning objective that improves the student's performance using current tasks at their workplace	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	SLO 3. Assess personal business skills and demonstrate how these skills can enhance skills at their workplace	
	ILO 3. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	SLO 4. Utilize appropriate information technology in their workplace	
	ILO 4. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
CWE 65A	OCCUPATIONAL WORK EXPERIENCE: APPRENTICE-SHEET METAL	No SLOs on file.
CWE 65B	OCCUPATIONAL WORK EXPERIENCE: APPRENTICE-SOUND & COMMUNICATIONS	No SLOs on file.
CWE 65C	OCCUPATIONAL WORK EXPERIENCE: APPRENTICE-PLUMBING	
CWE 65D	OCCUPATIONAL WORK EXPERIENCE: APPRENTICE-ELECTRICAL	
CWE 75	GENERAL WORK EXPERIENCE	
CWE 75A	GENERAL WORK EXPERIENCE	No SLOs on file.
CWE 75B	GENERAL WORK EXPERIENCE	No SLOs on file.
CWE 75C	GENERAL WORK EXPERIENCE	No SLOs on file.
CWE 76	GENERAL WORK EXPERIENCE-COMMUNITY SERVICE	
	SLO 1. Assess and resolve an existing human relation challenge(s) or issue(s) at the workplace	
	SLO 2. Develop a learning objective that improves the student's performance using current tasks at their workplace	
	SLO 3. Assess personal business skills and demonstrate how these skills can enhance skills at their workplace	
	SLO 4. Utilize appropriate information technology in their workplace	
CWE 76C	GENERAL WORK EXPERIENCE: COMMUNITY SERVICE	No SLOs on file.
CWE 76D	GENERAL WORK EXPERIENCE: COMMUNITY SERVICE	No SLOs on file.
CWE 76E	GENERAL WORK EXPERIENCE: COMMUNITY SERVICE	No SLOs on file.

11 of 21 Course IDs for *D A* in the Biological and Health Sciences Division have SLO's.

2010-2011

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Course ID	Title	SLO's
D A 50	ORIENTATION TO DENTAL ASSISTING	No SLOs on file.
D A 51A	INTRODUCTION TO CHAIRSIDE DENTAL ASSISTING	No SLOs on file.
D A 51B	INTERMEDIATE CLINICAL DENTAL ASSISTING	

	<p><b>SLO 1.</b> The student will be able to identify and describe the use for dental instruments utilized in a orthodontic specialty practice on a final instrument examination given at the end of the quarter.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p> <p><b>SLO 2.</b> The student will be able to identify common orthodontic fixed and removable appliances</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>	
D A 51C	ADVANCED DENTAL ASSISTING SKILLS	No SLOs on file.
D A 53A	INTRODUCTION TO RADIOGRAPHY I	
	<p><b>SLO 1.</b> Demonstrate correct maxillary and mandibular anterior intraoral film placement technique on a mannequin</p> <p><b>ILO 1.</b> 2. Creative, critical and analytical thinking</p> <p><b>SLO 2.</b> Using a diagram, the student will be able to identify four basic components in the x-ray tubehead.</p> <p><b>ILO 2.</b> 2. Creative, critical and analytical thinking</p>	
D A 53B	DENTAL RADIOGRAPHY II	No SLOs on file.
D A 53C	DENTAL RADIOGRAPHY III	
	<p><b>SLO 1.</b> The student will be able to produce a diagnostic panoramic radiograph.</p> <p><b>SLO 2.</b> The student will be able to recognize four normal anatomical landmarks on the panoramic radiograph</p>	
D A 56	DENTAL HEALTH EDUCATION	
	<p><b>SLO 1.</b> The student will evaluate the oral hygiene status of a patient and choose an appropriate course of action and assist the patient in achieving optimal oral hygiene. A case study scenario must be evaluated by the student and select the appropriate course of action.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking</p> <p><b>SLO 2.</b> The student will be able to evaluate new oral hygiene techniques and products using credible resources and evidence based dentistry. A supplemental aid product will be researched, presented and demonstrated with 75% accuracy.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking</p>	
D A 57	OFFICE EMERGENCY PROCEDURES	
	<p><b>SLO 1.</b> By the end of the quarter the student will be able to respond to common medical emergencies that occur in dental offices.</p> <p><b>SLO 2.</b> The student will be able to list and identify equipment and medications commonly found in the dental emergency kit.</p>	
D A 58	SPECIALITY PRACTICE PROCEDURES	No SLOs on file.
D A 60A	DENTAL OFFICE BUSINESS PRACTICES I	
	<p><b>SLO 1.</b> Students will role play front office scenarios.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p> <p><b>SLO 2.</b> The student must determine which patient information records will require HIPAA compliance.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking</p>	
D A 60B	DENTAL OFFICE BUSINESS PRACTICES II	
	<p><b>SLO 1.</b> The student must construct computerized dental records utilizing a dental software program with an accuracy of 75% or better.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation</p> <p><b>SLO 2.</b> The student will compose a professional resume and cover letter with no spelling or grammatical errors on the final draft.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking</p>	

D A 62A	DENTAL SCIENCES I	No SLOs on file.
D A 62B	DENTAL SCIENCES II	
	<b>SLO 1.</b> The student must be able to identify tooth abnormalities caused by an interruption in the tooth development process.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 2.</b> The student will assess and identify a patient's caries risk and propose a plan to either arrest the patient's caries process or reduce further risk of decay.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
D A 62C	DENTAL SCIENCES III	
	<b>SLO 1.</b> The student will be able to interpret a written prescription.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 2.</b> The student will record a personal nutritional analysis and propose changes for optimal nutritional needs.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
D A 63	SPECIAL PATIENT POPULATIONS	
	<b>SLO 1.</b> The student will demonstrate the appropriate method in which to escort a visually impaired patient.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> The student will modify verbal and nonverbal communication skills for a hearing impaired patient.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
D A 71	INFECTION CONTROL & HAZARDOUS WASTE MANAGEMENT	No SLOs on file.
D A 73	DENTAL ASSISTING SUPERVISED CLINIC	
	<b>SLO 1.</b> By the end of Winter quarter the student will have assisted at chairside at the UCSF School of Dentistry at least 70 hours.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> The student will be able to correctly document in the treatment plan.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
D A 74	DENTAL ASSISTING CLINICAL PRACTICE	No SLOs on file.
D A 85	RDA REVIEW	No SLOs on file.
D A 88	PIT & FISSURE SEALANTS	No SLOs on file.

36 of 42 Course IDs for *D H* in the Biological and Health Sciences Division have SLO's. 2010-2011

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Course ID	Title	SLO's
D H 50	ORIENTATION TO DENTAL HYGIENE	
	<b>SLO 1.</b> The student will correctly demonstrate instrumentation skills on a dental typodont using an 11/12 explorer, including: modified pen grasp, fulcrums, adaptation, insertion and activation of the instrument.	
	<b>SLO 2.</b> The student will identify a variety of explorer types, the proper use of each type, and the correct adaptation and use of explorers.	
D H 52A	ORAL BIOLOGY I	
	<b>SLO 1.</b> chart the bones of the skull	

		<p>ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility</p> <p>SLO 2. identify the different teeth in the human dentition</p> <p>ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility</p>
D H 52B	ORAL BIOLOGY II	<p>SLO 1. state the different periods of human embryology</p> <p>ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility</p> <p>SLO 2. describe the differences between enamel and dentin</p> <p>ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility</p>
D H 53	ASSESSMENT PROCEDURES IN THE DENTAL HYGIENE PROCESS	<p>SLO 1. The student will create their e-portfolio and submit a project on infection control as documentation of their competency in infection control procedures.</p> <p>SLO 2. The student will explain the ethical obligations to maintain the standards of dental care adhering to infection control protocols that are consistent with current federal, state, and local laws and guidelines.</p>
D H 54	PRE-CLINICAL DENTAL HYGIENE	<p>SLO 1. The student will correctly demonstrate dental hygiene assessment procedure skills on a student partner including: review of health, dental history vital signs, extraoral/ intraoral examination, periodontal examination, caries examination, classify occlusion.</p> <p>ILO 1. 1. Communication 2. Creative, critical and analytical thinking</p> <p>SLO 2. The student will identify a variety of dental hygiene assessment instruments, the proper use of each type, and the correct adaptation and use of explorers and periodontal probes.</p> <p>ILO 2. 1. Communication 2. Creative, critical and analytical thinking</p>
D H 55A	FUNDAMENTALS OF PATHOLOGY I	<p>SLO 1. Describe the diseases of metabolism</p> <p>ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility</p> <p>SLO 2. Describe the blood disorders</p> <p>ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility</p>
D H 55B	FUNDAMENTALS OF PATHOLOGY II	<p>SLO 1. Describe oral lesions using appropriate terminology</p> <p>ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility</p> <p>SLO 2. Describe the differential diagnoses of oral lesions</p> <p>ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility</p>
D H 56	APPLIED PHARMACOLOGY IN DENTISTRY	No SLOs on file.
D H 57A	PERIODONTICS	<p>SLO 1. Describe the clinical and histologic features of the periodontium</p> <p>ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility</p> <p>SLO 2. Describe the characteristics of periodontal health</p> <p>ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility</p>
D H 57B	PERIODONTICS	

- SLO 1. Describe the classifications of gingivitis  
 SLO 2. Describe the classifications of periodontitis

D H 57C PERIODONTICS

- SLO 1. The student will choose an appropriate patient and complete a patient competency project, including the clinical requirements and a research paper documenting the competency and evidence-based decision making, on the periodontally involved patient with a grade of 75% or higher.  
 ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility  
 SLO 2. The student will describe the rationale for various types of periodontal surgery including goals, advantages, and disadvantages.  
 ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

D H 59 SURVEY OF DENTISTRY

- SLO 1. The student will evaluate the role of the dental hygienist in the nine recognized dental specialties.  
 SLO 2. The dental hygiene student will identify the allowable duties of the dental hygienist in the State of California under direct supervision & general supervision.

D H 60A INTRODUCTION TO DENTAL RADIOGRAPHY I

- SLO 1. List the steps that take place in the tubehead to produce radiation.  
 ILO 1. 2. Creative, critical and analytical thinking  
 SLO 2. Describe radiation protective factors provided to the patient to reduce radiation absorption.  
 ILO 2. 2. Creative, critical and analytical thinking

D H 60B DENTAL RADIOGRAPHY II

No SLOs on file.

D H 60C DENTAL RADIOGRAPHY III

- SLO 1. The dental hygiene student will correctly mount a full mouth survey of dental radiographs.  
 ILO 1. 2. Creative, critical and analytical thinking  
 SLO 2. Recognize periodontal bone loss on a dental radiograph  
 ILO 2. 2. Creative, critical and analytical thinking

D H 60D DENTAL RADIOGRAPHY IV

No SLOs on file.

D H 60E DENTAL RADIOGRAPHY V

- SLO 1. Identify calculus on a full mouth set of radiographs.  
 SLO 2. Evaluate the need to retake a dental radiograph.

D H 61A CLINICAL TECHNIQUE

- SLO 1. The student will demonstrate proper use of the universal curet, gracey curets, and sickle scalers including: proper grasp, angulation, and adaptation to the tooth and/or root surface.  
 ILO 1. 1. Communication 2. Creative, critical and analytical thinking  
 SLO 2. The student will explain the rationale for selecting and implementing dental hygiene procedures using evidence based research for the following: application of fluorides, coronal polishing of teeth, instrumentation techniques and sharpening techniques.  
 ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

D H 61B INTRODUCTION TO CLINIC

- SLO 1. The student will choose an appropriate patient to complete a patient competency project, including the clinical requirements and a research paper documenting the competency and evidence based decision making, with a score of 75% or higher.  
 ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility



**SLO 2.** The student will choose an appropriate patient for periodontal probing evaluation and complete the evaluation with a score of 75% or higher.

**ILO 2.** 1. Communication 3. Computation

**D H 62A CLINICAL DENTAL HYGIENE I**

**SLO 1.** The student will choose an appropriate patient and complete a patient competency project, including the clinical requirements and a research paper documenting the competency and evidence-based decision making, on the child or adolescent with a grade of 75% or higher.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** The student will select an appropriate quadrant and complete a periodontal probing evaluation with a grade of 75% or higher.

**ILO 2.** 2. Creative, critical and analytical thinking

**D H 62B CLINICAL DENTAL HYGIENE II**

**SLO 1.** The student will choose an appropriate patient and complete a patient competency project, including the clinical requirements and a research paper documenting the competency and evidence-based decision making, on the geriatric medically complex with a grade of 75% or higher.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** The student will choose an appropriate patient for a mock board clinical examination and provide appropriate dental hygiene care with a grade of 75% or higher.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**D H 62C CLINICAL DENTAL HYGIENE III**

No SLOs on file.

**D H 62D CLINICAL DENTAL HYGIENE IV**

No SLOs on file.

**D H 63C COMMUNITY DENTAL HEALTH I**

**SLO 1.** By the end of fall quarter, the dental hygiene student will be able to differentiate between measures of central tendency.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** By the end of fall quarter, the dental hygiene student will be able to identify dental health disparities.

**ILO 2.** 2. Creative, critical and analytical thinking

**D H 63D COMMUNITY DENTAL HEALTH II**

**SLO 1.** By the end of winter quarter, the dental hygiene student will be able to develop a community dental health program goal.

**SLO 2.** By the end of winter quarter, the dental hygiene student will be able to identify the components of a community dental health program objective.

**D H 64 ETHICS, LAW & DENTAL OFFICE PRACTICES**

**SLO 1.** Given a legal/ethical dilemma the student will apply the Six-Step Decision Making Model and analyze the evidence, legal facts, ethical principles involved and details of the dilemma to reach an appropriate decision.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** As a capstone project for graduation from the dental hygiene program the student the student will create a final e-portfolio which demonstrates their competency in the four dental hygiene competencies: Dental Hygiene Process of Care, Health Education Strategies, Infection & Hazard Controls, Legal & Ethical Principles.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**D H 65 CLINICAL LOCAL ANESTHESIA**

**SLO 1.** Describe the classes of anesthetic drugs used in dental hygiene

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation

**SLO 2.** Describe the different nerves anesthetized in dental hygiene

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

D H 66 SOFT TISSUE CURETTAGE

SLO 1. The student will perform soft tissue curettage on a dental typodont following procedural guidelines.

SLO 2. The student will identify the objectives, rationale, indications and contraindications for soft tissue curettage.

D H 67 NITROUS OXIDE/OXYGEN ANALGESIA

SLO 1. Safely administer nitrous oxide/oxygen analgesia by using titration to induce the proper level of sedation, monitoring the patient during analgesia, and oxygenating the patient at the completion of the sedation period.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

SLO 2. Describe the indications and contraindications for use of nitrous oxide/oxygen sedation.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

D H 68A RADIOGRAPHIC INTERPRETATION

SLO 1. Recognize the radiographic anatomical features of the teeth and periodontium.

SLO 2. Using a diagnostic bitewing radiograph, the student will be able to interpret the presence or absence of caries.

D H 71 OFFICE EMERGENCY PROCEDURES

SLO 1. Student will be able to assess a cardiac emergency

ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

SLO 2. Student will be able to assess a diabetic emergency

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

D H 72 DENTAL MATERIALS

SLO 1. The student will evaluate a patient's dental and restorative conditions and chart significant findings with an accuracy of 75% or better on the final evaluation.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking

SLO 2. The student will assess and identify a patient's caries risk and propose a plan for to either arrest the patient's caries process or reduce further risk of decay.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

D H 73 DENTAL HEALTH EDUCATION

SLO 1. The student will research and submit an e-portfolio project on an oral health product as documentation of their competency in patient education and dental products.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

SLO 2. The student will complete a patient assessment project on a peer, including the required clinical assessments and a research paper documenting their competency and evidence based decision making in assessment procedures, with a score of 75% or higher.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

D H 75A CLINICAL DENTAL HYGIENE THEORY I

SLO 1. The student will demonstrate the proper technique for utilizing ultrasonic instrumentation for periodontal debridement and calculus removal.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking

SLO 2. The student will identify the principles of ultrasonic instrumentation including pretreatment considerations, indications and contraindications.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

D H 75B	CLINICAL DENTAL HYGIENE THEORY II	
	<b>SLO 1.</b> The student will be able to select appropriate advanced instruments for periodontal debridement when given patient assessment information.	
	<b>SLO 2.</b> The student will be able to assess anatomical features of dental anatomy and apply advanced techniques for effective root surface debridement.	
D H 75C	CLINICAL DENTAL HYGIENE THEORY III	
	<b>SLO 1.</b> The student will be able to state the criteria for selecting an appropriate patient for the dental hygiene California State Board Examination.	
	<b>SLO 2.</b> The student will assess patients according to criteria for dental hygiene licensure as established by the California State Board of Dental Examiners.	
D H 86	CALIFORNIA STATE BOARD PREPARATION	No SLOs on file.
D H 200L	INTRODUCTION TO DENTAL HYGIENE	
	<b>SLO 1.</b> The student will correctly demonstrate the intra-oral exam procedure of inspection and palpation of the oral cavity including: digital, bidigital, manual and bimanual palpation techniques using gauze and a mouth mirror with a passing score of 75% or better.	
	<b>SLO 2.</b> 2. Students can research a dental hygiene product and present it to the class with a passing score of 75% or better.	
D H 290	DIRECTED STUDY	No SLOs on file.
D H 290X	DIRECTED STUDY	No SLOs on file.
D H 290Y	DIRECTED STUDY	No SLOs on file.
D H 290Z	DIRECTED STUDY	No SLOs on file.

0 of 25 Course IDs for *DANC* in the Physical Education Division have SLO's. 2010-2011

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33 of 33 Course IDs for *DMS* in the Biological and Health Sciences Division have SLO's. 2010-2011

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Course ID	Title	SLO's
DMS 50A	DIAGNOSTIC MEDICAL SONOGRAPHY PRINCIPLES & PROTOCOLS	
	<b>SLO 1.</b> Recognize normal and abnormal anatomical structures.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking	
	<b>SLO 2.</b> Apply fundamental skills in the technique and diagnostic interpretation.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking	
DMS 50B	SONOGRAPHY & PATIENT CARE	
	<b>SLO 1.</b> Apply patient confidentiality/privacy as defined by HIPAA.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Demonstrate ethical & professional demeanor as outlined in the SDMS Code of Conduct.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
DMS 51A	SECTIONAL ANATOMY	
	<b>SLO 1.</b> Define and use reference points, planes, and terminology related to medical imaging.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking	
	<b>SLO 2.</b> Identify the anatomy of the body cavity and head in multiple anatomical planes.	

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

DMS 52A

PHYSICAL PRINCIPLES OF DIAGNOSTIC MEDICAL  
SONOGRAPHY I

SLO 1. Calculate/solve mathematical equations related to ultrasound physics.

ILO 1. 2. Creative, critical and analytical thinking 3. Computation

SLO 2. Describe propagation of sound waves characteristics.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

DMS 52B

PHYSICAL PRINCIPLES OF DIAGNOSTIC MEDICAL  
SONOGRAPHY II

SLO 1. Identify the various types of transducers and describe the differences.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking

SLO 2. Identify the components of the image display.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

DMS 52C

PHYSICAL PRINCIPLES OF DIAGNOSTIC MEDICAL  
SONOGRAPHY III

SLO 1. Identify quality control procedures utilized in diagnostic ultrasound systems.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking

SLO 2. Explain the principles of harmonic imaging and volume scanning.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

DMS 53A

DIAGNOSTIC MEDICAL SONOGRAPHY I

SLO 1. Recognize normal and abnormal anatomical structures.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking

SLO 2. Describe related pathology, lab tests, and clinical symptoms.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

DMS 53B

DIAGNOSTIC MEDICAL SONOGRAPHY II

SLO 1. Recognize normal and abnormal anatomical structures.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking

SLO 2. Describe related pathology, lab tests, and clinical symptoms.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

DMS 53C

DIAGNOSTIC MEDICAL SONOGRAPHY III

SLO 1. Recognize normal and abnormal anatomical structures.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking

SLO 2. Describe related pathology, lab tests, and clinical symptoms.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

DMS 54A

GYNECOLOGY

SLO 1. Describe normal size and pathology of the female reproductive system.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking

SLO 2. Describe normal size and pathology of the female reproductive system.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

DMS 54B

GYNECOLOGY & OBSTETRICS

SLO 1. Identify and describe reproductive anatomy and physiology.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking

SLO 2. Describe normal size and pathology of the female reproductive system.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

SLO 3. Describe embryology, normal and abnormalities in the first trimester

ILO 3. 1. Communication 2. Creative, critical and analytical thinking

- DMS 55A            OBSTETRICS I
- SLO 1. Recite and apply the AIUM standards to obstetrical sonography.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2. Identify normal fetal anatomy and methods of fetal dating.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking
- DMS 55B            OBSTETRICS II
- SLO 1. Recognize clinical and sonographic signs of the abnormal pregnancy.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2. Describe the sonographic findings of the fetus affected by maternal complications.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- DMS 56A            VASCULAR SONOGRAPHY
- SLO 1. Identify and illustrate vascular anatomy.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking
- SLO 2. List pathological conditions altering vascular flow.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 3. Analyze doppler spectral waveforms of normal versus abnormal flow.
- ILO 3. 1. Communication 2. Creative, critical and analytical thinking
- DMS 56B            ADVANCED APPLICATIONS OF VASCULAR TECHNOLOGY
- SLO 1. Describe imaging and non-imaging techniques for arterial, venous, and cerebrovascular studies.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking
- SLO 2. Interpret doppler information as it relates to normal and abnormal flow states.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- DMS 60A            CRITIQUE & PATHOLOGY I
- SLO 1. Recognize normal and abnormal anatomical structures.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking
- SLO 2. List the differential diagnosis that is responsible for sonographic changes.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- DMS 60B            CRITIQUE & PATHOLOGY II
- SLO 1. Recognize normal and abnormal anatomical structures.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2. List the differential diagnosis that is responsible for sonographic changes.
- ILO 2. 1. Communication 4. Community/global consciousness and responsibility
- DMS 60C            CRITIQUE & PATHOLOGY III
- SLO 1. List the differential diagnosis that is responsible for sonographic changes.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2. Recognize normal and abnormal anatomical structures.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- DMS 60D            CRITIQUE & PATHOLOGY IV
- SLO 1. List the differential diagnosis that is responsible for sonographic changes.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

SLO 2. Recognize normal and abnormal anatomical structures.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

DMS 60E CRITIQUE & PATHOLOGY V

SLO 1. Recognize normal and abnormal anatomical structures.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

SLO 2. List the differential diagnosis that is responsible for sonographic changes.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

DMS 60F CRITIQUE & PATHOLOGY VI

SLO 1. Recognize normal and abnormal anatomical structures.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

SLO 2. List the differential diagnosis that is responsible for sonographic changes.

ILO 2. 1. Communication 4. Community/global consciousness and responsibility

DMS 70A CLINICAL PRECEPTORSHIP I

SLO 1. Recognize normal and abnormal anatomical structures.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

SLO 2. List the differential diagnosis for each disease process as related to the exam.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

SLO 3. Perform ultrasound exams according to the Scope of Practice for sonographer's identified by the SDMS and according to recognized examination protocols.

ILO 3. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

DMS 70B CLINICAL PRECEPTORSHIP II

SLO 1. Recognize normal and abnormal anatomical structures.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

SLO 2. Obtain pertinent studies, reports, lab values as they relate to the examination.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

SLO 3. Perform ultrasound exams according to the Scope of Practice for sonographer's identified by the SDMS and according to recognized examination protocols

ILO 3. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

DMS 70C CLINICAL PRECEPTORSHIP III

SLO 1. Recognize normal and abnormal anatomical structures.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

SLO 2. Obtain pertinent studies, reports, lab values as they relate to the examination.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

SLO 3. Perform ultrasound exams according to the Scope of Practice for sonographer's identified by the SDMS and according to recognized examination protocols.

ILO 3. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

DMS 70D	CLINICAL PRECEPTORSHIP IV	
	SLO 1. Recognize normal and abnormal anatomical structures.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. Obtain pertinent studies, reports, lab values as they relate to the examination.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 3. Perform ultrasound exams according to the Scope of Practice for sonographer's identified by the SDMS and according to recognized examination protocols.	
	ILO 3. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
DMS 70E	CLINICAL PRECEPTORSHIP V	
	SLO 1. Recognize normal and abnormal anatomical structures.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. Obtain pertinent studies, reports, lab values as they relate to the examination.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 3. Perform ultrasound exams according to the Scope of Practice for sonographer's identified by the SDMS and according to recognized examination protocols.	
	ILO 3. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
DMS 72A	DIAGNOSTIC MEDICAL SONOGRAPHY PROCEDURES & APPLICATIONS	
	SLO 1. Produce diagnostic sonographic images, optimizing technical factors.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 2. Acquire and analyze data obtained using ultrasound and related diagnostic technologies.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking	
DMS 72E	DIAGNOSTIC MEDICAL SONOGRAPHY PROCEDURES & APPLICATIONS	
	SLO 1. Acquire and analyze data obtained using ultrasound and related diagnostic technologies.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. Produce diagnostic sonographic images, optimizing technical factors.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
DMS 80A	ADVANCED SONOGRAPHIC PRINCIPLES	
	SLO 1. Employ interpretative and analytical skills with an emphasis on advanced techniques.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	SLO 2. Prepare to pass the ARDMS board exams.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
DMS 290	DIRECTED STUDY	No SLOs on file.
DMS 290X	DIRECTED STUDY	No SLOs on file.
DMS 290Y	DIRECTED STUDY	No SLOs on file.
DMS 290Z	DIRECTED STUDY	No SLOs on file.

5 of 11 Course IDs for *ECON* in the Business and Social Sciences Division have SLO's.

2010-2011

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Course ID	Title	SLO's
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ECON 1A	PRINCIPLES OF MACROECONOMICS	
	SLO 1. Employ the supply and demand model to predict market responses to shocks.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Illustrate and explain unintended consequences resulting from government interference in well-functioning markets.	
	ILO 2. 2. Creative, critical and analytical thinking	
	SLO 3. Illustrate and critically assess the aggregate economy using a macroeconomic model or models.	
	ILO 3. 2. Creative, critical and analytical thinking	
	SLO 4. Analyze and critically assess the effectiveness of fiscal and monetary policy and their relationship to inflation, unemployment, and the overall business cycle.	
	ILO 4. 2. Creative, critical and analytical thinking	
ECON 1B	PRINCIPLES OF MICROECONOMICS	
	SLO 1. Employ the supply and demand model to predict market responses to shocks.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Illustrate and explain unintended consequences resulting from government interference in well-functioning markets.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 3. Analyze different market structures from both a short-run and long-run perspective.	
	ILO 3. 2. Creative, critical and analytical thinking	
	SLO 4. Effectively employ marginal cost-benefit analysis to arrive at an efficient outcome.	
	ILO 4. 2. Creative, critical and analytical thinking 3. Computation	
ECON 9	POLITICAL ECONOMY	
	SLO 1. Critically analyze contending theoretical formulations of the International Political Economy.	
	SLO 2. Critically analyze contending theoretical formulations on Development and Underdevelopment.	
ECON 18	CONTEMPORARY ECONOMIC ISSUES	No SLOs on file.
ECON 25	INTRODUCTION TO THE GLOBAL ECONOMY	
	SLO 1. Employ economic models to illustrate the benefits of free trade.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Assess the relative merits of protectionist arguments.	
	ILO 2. 4. Community/global consciousness and responsibility	
	SLO 3. Analyze shocks to the foreign exchange market using a supply and demand diagram.	
	ILO 3. 2. Creative, critical and analytical thinking	
ECON 34H	HONORS INSTITUTE SEMINAR IN ECONOMICS	
	SLO 1. Employ economic reasoning to a current economic topic.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Exhibit understanding of an economic concept discussed in class.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking	
ECON 35	DEPARTMENT HONORS PROJECTS IN ECONOMICS	No SLOs on file.
ECON 36	SPECIAL PROJECTS IN ECONOMICS	No SLOs on file.
ECON 36X	SPECIAL PROJECTS IN ECONOMICS	No SLOs on file.
ECON 36Y	SPECIAL PROJECTS IN ECONOMICS	No SLOs on file.
ECON 36Z	SPECIAL PROJECTS IN ECONOMICS	No SLOs on file.

0 of 5 Course IDs for *EDUC* in the Business and Social Sciences Division have SLO's.

2010-2011

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0 of 3 Course IDs for *EMT* in the Biological and Health Sciences Division have SLO's. 2010-2011

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18 of 15 Course IDs for *EMTP* in the Biological and Health Sciences Division have SLO's. 2010-2011

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Course ID	Title	SLO's
EMTP 60A	MOBILE INTENSIVE CARE PARAMEDIC PROGRAM: COGNITIVE & AFFECTIVE IA	<p><b>SLO 1.</b> At the completion of this unit, the paramedic student will understand his or her roles and responsibilities within an EMS system, and how these roles and responsibilities differ from other levels of providers.</p> <p><b>ILO 1.</b> 2. Creative, critical and analytical thinking</p> <p><b>SLO 2.</b> At the end of this unit, the paramedic student will be able to integrate the principles of history taking and techniques of physical exam to perform a patient assessment.</p> <p><b>ILO 2.</b> 2. Creative, critical and analytical thinking</p>
EMTP 60B	MOBILE INTENSIVE CARE PARAMEDIC PROGRAM: COGNITIVE, PSYCHOMOTOR & AFFECTIVE IB	<p><b>SLO 1.</b> A. At the completion of this unit, the paramedic student will understand and value the importance of personal wellness in EMS and serve as a healthy role model for peers.</p> <p><b>ILO 1.</b> 2. Creative, critical and analytical thinking</p> <p><b>SLO 2.</b> At the end of this unit, the paramedic student will be able to integrate the principles of history taking and techniques of physical exam to perform a patient assessment.</p> <p><b>ILO 2.</b> 1. Communication</p>
EMTP 61A	MOBILE INTENSIVE CARE PARAMEDIC PROGRAM: COGNITIVE & AFFECTIVE IIA	<p><b>SLO 1.</b> At the completion of this unit, the paramedic student will be able to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the patient with respiratory problems.</p> <p><b>ILO 1.</b> 2. Creative, critical and analytical thinking</p> <p><b>SLO 2.</b> At the completion of this unit, the paramedic student will be able to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the patient with a neurological problem.</p> <p><b>ILO 2.</b> 2. Creative, critical and analytical thinking</p>
EMTP 61B	MOBILE INTENSIVE CARE PARAMEDIC PROGRAM: COGNITIVE, AFFECTIVE & PSYCHOMOTOR IIB	<p><b>SLO 1.</b> At the completion of this unit, the paramedic student will be able to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the patient with respiratory problems.</p> <p><b>ILO 1.</b> 2. Creative, critical and analytical thinking</p> <p><b>SLO 2.</b> At the completion of this unit, the paramedic student will be able to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the patient with a neurological problem.</p> <p><b>ILO 2.</b> 2. Creative, critical and analytical thinking</p>
EMTP 62A	MOBILE INTENSIVE CARE PARAMEDIC PROGRAM: COGNITIVE & AFFECTIVE IIIA	

**SLO 1. UNIT TERMINAL OBJECTIVE**

A. At the completion of this unit, the paramedic will understand standards and guidelines that help ensure safe and effective ground and air medical transport.

**COGNITIVE OBJECTIVES**

At the completion of this unit, the paramedic student will be able to:

- A. Identify current local and state standards which influence ambulance design, equipment requirements and staffing of ambulances. (C-1)
- B. Discuss the importance of completing an ambulance equipment/ supply checklist. (C-1)
- C. Discuss the factors to be considered when determining ambulance stationing within a community. (C- 1)
- D. Describe the advantages and disadvantages of air medical transport. (C-1)
- E. Identify the conditions/ situations in which air medical transport should be considered. (C-1)

**AFFECTIVE OBJECTIVES**

At the completion of this unit, the paramedic student will be able to:

- A. Assess personal practices relative to ambulance operations which may affect the safety of the crew, the patient and bystanders. (A-3)
- B. Serve as a role model for others relative to the operation of ambulances. (A-3)
- C. Value the need to serve as the patient advocate to ensure appropriate patient transportation via ground or air. (A-2)

**ILO 1. 2. Creative, critical and analytical thinking****SLO 2. MEDICAL INCIDENT COMMAND SYSTEM****UNIT TERMINAL OBJECTIVE**

A. At the completion of this unit, the paramedic student will be able to integrate the principles of general incident management and multiple casualty incident (MCI) management techniques in order to function effectively at major incidents.

**COGNITIVE OBJECTIVES**

At the completion of this unit, the paramedic student will be able to:

- A. Explain the need for the incident management system (IMS)/ incident command system (ICS) in managing emergency medical services incidents. (C-1)
- B. Define the term multiple casualty incident (MCI). (C-1)
- C. Define the term disaster management. (C-1)
- D. Describe essential elements of scene size-up when arriving at a potential MCI. (C-1)
- E. Describe the role of the paramedics and EMS systems in planning for MCIs and disasters. (C-1)
- F. Define the following types of incidents and how they affect medical management: (C-1)
  - a. Open or uncontained incident
  - b. Closed or contained incident
- G. Describe the functional components of the incident management system in terms of the following: (C-1)
  - a. Command
  - b. Finance
  - c. Logistics
  - d. Operations
  - e. Planning
- H. Differentiate between singular and unified command and when each is most applicable. (C-3)
- I. Describe the role of command. (C-1)
- J. Describe the need for transfer of command and procedures for transferring it. (C-1)
- K. Differentiate between command procedures used at small, medium and large scale medical incidents. (C- 1)
- L. Explain the local/ regional threshold for establishing command and implementation of the incident management system including threshold MCI declaration. (C-1)
- M. List and describe the functions of the following groups and leaders in ICS as it pertains to EMS incidents: (C-1)
  - a. Safety
  - b. Logistics
  - c. Rehabilitation (rehab)
  - d. Staging
  - e. Treatment
  - f. Triage

- g. Transportation
  - h. Extrication/ rescue
  - i. Disposition of deceased (morgue)
  - j. Communications
  - N. Describe the methods and rationale for identifying specific functions and leaders for these functions in ICS. (C-1)
  - O. Describe the role of both command posts and emergency operations centers in MCI and disaster management. (C-1)
  - P. Describe the role of the physician at multiple casualty incidents. (C-1)
  - Q. Define triage and describe the principles of triage. (C-1)
  - R. Describe the START (simple triage and rapid treatment) method of initial triage. (C-1)
  - S. Given a list of 20 patients with various multiple injuries, determine the appropriate triage priority with 90% accuracy. (C-3)
  - T. Given color coded tags and numerical priorities, assign the following terms to each: (C-1)
    - a. Immediate
    - b. Delayed
    - c. Hold
    - d. Deceased
  - U. Define primary and secondary triage. (C-1)
  - V. Describe when primary and secondary triage techniques should be implemented. (C-1)
  - W. Describe the need for and techniques used in tracking patients during multiple casualty incidents. (C-1)
  - X. Describe techniques used to allocate patients to hospitals and track them. (C-1)
  - Y. Describe modifications of telecommunications procedures during multiple casualty incidents. (C-1)
  - Z. List and describe the essential equipment to provide logistical support to MCI operations to include: (C-1)
    - a. Airway, respiratory and hemorrhage control
    - b. Burn management
    - c. Patient packaging/ immobilization
  - 8-2.27 List the physical and psychological signs of critical incident stress. (C-1)
  - 8-2.28 Describe the role of critical incident stress management sessions in MCIs. (C-1)
  - 8-2.29 Describe the role of the following exercises in preparation for MCIs: (C-1)
    - a. Table top exercises
    - b. Small and large MCI drills
- AFFECTIVE OBJECTIVES**
- At the completion of this unit, the paramedic student will be able to:
- A. Understand the rationale for initiating incident command even at a small MCI event. (A-1)
  - B. Explain the rationale for having efficient and effective communications as part of an incident command/ management system. (A-1)
  - C. Explain why common problems of an MCI can have an adverse effect on an entire incident. (A-1)
  - D. Explain the organizational benefits for having standard operating procedures (SOPs) for using the incident management system or incident command system. (A-1)

**ILO 2. 2. Creative, critical and analytical thinking**

EMTP 62B

**MOBILE INTENSIVE CARE PARAMEDIC PROGRAM:  
COGNITIVE, AFFECTIVE & PSYCHOMOTOR IIIB**

**SLO 1. HEMORRHAGE AND SHOCK  
UNIT TERMINAL OBJECTIVE**

A. the completion of this unit, the paramedic student will be able to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the patient with shock or hemorrhage.

**COGNITIVE OBJECTIVES**

At the completion of this unit, the paramedic student will be able to:

- A. Describe the epidemiology, including the morbidity/ mortality and prevention strategies, for shock and hemorrhage. (C-1)
- B. Discuss the anatomy and physiology of the cardiovascular system. (C-1)
- C. Predict shock and hemorrhage based on mechanism of injury. (C-1)
- D. Discuss the various types and degrees of shock and hemorrhage. (C-1)

- E. Discuss the pathophysiology of hemorrhage and shock. (C-1)
  - F. Discuss the assessment findings associated with hemorrhage and shock. (C-1)
  - G. Identify the need for intervention and transport of the patient with hemorrhage or shock. (C-1)
  - H. Discuss the treatment plan and management of hemorrhage and shock. (C-1)
  - I. Discuss the management of external hemorrhage. (C-1)
  - J. Differentiate between controlled and uncontrolled hemorrhage. (C-3)
  - K. Differentiate between the administration rate and amount of IV fluid in a patient with controlled versus uncontrolled hemorrhage. (C-3)
  - L. Relate internal hemorrhage to the pathophysiology of compensated and decompensated hemorrhagic shock. (C-3)
  - M. Relate internal hemorrhage to the assessment findings of compensated and decompensated hemorrhagic shock. (C-3)
  - N. Discuss the management of internal hemorrhage. (C-1)
  - O. Define shock based on aerobic and anaerobic metabolism. (C-1)
  - P. Describe the incidence, morbidity, and mortality of shock. (C-1)
  - Q. Describe the body's physiologic response to changes in perfusion. (C-1)
  - R. Describe the effects of decreased perfusion at the capillary level. (C-1)
  - S. Discuss the cellular ischemic phase related to hemorrhagic shock. (C-1)
  - T. Discuss the capillary stagnation phase related to hemorrhagic shock. (C-1)
  - U. Discuss the capillary washout phase related to hemorrhagic shock. (C-1)
  - V. Discuss the assessment findings of hemorrhagic shock. (C-1)
  - W. Relate pulse pressure changes to perfusion status. (C-3)
  - X. Relate orthostatic vital sign changes to perfusion status. (C-3)
  - Y. Define compensated and decompensated hemorrhagic shock. (C-1)
  - Z. Discuss the pathophysiological changes associated with compensated shock. (C-1)
  - AA. Discuss the assessment findings associated with compensated shock. (C-1)
  - AB. Identify the need for intervention and transport of the patient with compensated shock. (C-1)
  - AC. Discuss the treatment plan and management of compensated shock. (C-1)
  - AD. Discuss the pathophysiological changes associated with decompensated shock. (C-1)
  - AE. Discuss the assessment findings associated with decompensated shock. (C-1)
  - AF. Identify the need for intervention and transport of the patient with decompensated shock. (C-1)
  - AG. Discuss the treatment plan and management of the patient with decompensated shock. (C-1)
  - AH. Differentiate between compensated and decompensated shock. (C-3)
  - AI. Relate external hemorrhage to the pathophysiology of compensated and decompensated hemorrhagic shock. (C-3)
  - AJ. Relate external hemorrhage to the assessment findings of compensated and decompensated hemorrhagic shock. (C-3)
  - AK. Differentiate between the normotensive, hypotensive, or profoundly hypotensive patient. (C-3)
  - AL. Differentiate between the administration of fluid in the normotensive, hypotensive, or profoundly hypotensive patient. (C-3)
  - AM. Discuss the physiologic changes associated with the pneumatic anti-shock garment (PASG). (C-1)
  - AN. Discuss the indications and contraindications for the application and inflation of the PASG. (C-1)
  - AO. Apply epidemiology to develop prevention strategies for hemorrhage and shock. (C-1)
  - AP. Integrate the pathophysiological principles to the assessment of a patient with hemorrhage or shock. (C-3)
  - AQ. Synthesize assessment findings and patient history information to form a field impression for the patient with hemorrhage or shock. (C-3)
  - AR. Develop, execute and evaluate a treatment plan based on the field impression for the hemorrhage or shock patient. (C-3)
- AFFECTIVE OBJECTIVES**  
None identified for this unit.

**PSYCHOMOTOR OBJECTIVES**

At the completion of this unit, the paramedic student will be able to:

- BW. Demonstrate the assessment of a patient with signs and symptoms of hemorrhagic shock. (P-2)
- BX. Demonstrate the management of a patient with signs and symptoms of hemorrhagic shock. (P-2)
- BY. Demonstrate the assessment of a patient with signs and symptoms of compensated hemorrhagic shock. (P-2)
- BZ. Demonstrate the management of a patient with signs and symptoms of compensated hemorrhagic shock. (P-2)
- CA. Demonstrate the assessment of a patient with signs and symptoms of decompensated hemorrhagic shock. (P-2)
- CB. Demonstrate the management of a patient with signs and symptoms of decompensated hemorrhagic shock. (P-2)
- CC. Demonstrate the assessment of a patient with signs and symptoms of external hemorrhage. (P-2)
- CD. Demonstrate the management of a patient with signs and symptoms of external hemorrhage. (P-2)
- AAA. Demonstrate the assessment of a patient with signs and symptoms of internal hemorrhage. (P-2)
- BBB. Demonstrate the management of a patient with signs and symptoms of internal hemorrhage. (P-2)

ILO 1. 2. Creative, critical and analytical thinking

**SLO 2. PEDIATRICS****UNIT TERMINAL OBJECTIVE**

A. At the completion of this unit, the paramedic student will be able to integrate pathophysiological principles and assessment findings to formulate a field impression and implement a treatment plan for the pediatric patient.

**COGNITIVE OBJECTIVES**

At the completion of this unit, the paramedic student will be able to:

- JG. Discuss the paramedic's role in the reduction of infant and childhood morbidity and mortality from acute illness and injury. (C-1)
- JH. Identify methods/ mechanisms that prevent injuries to infants and children. (C-1)
- JI. Describe Emergency Medical Services for Children (EMSC). (C-1)
- JJ. Discuss how an integrated EMSC system can affect patient outcome. (C-2)
- JK. Identify key growth and developmental characteristics of infants and children and their implications. (C-2)
- JL. Identify key anatomical and physiological characteristics of infants and children and their implications. (C- 2)
- JM. Describe techniques for successful assessment of infants and children. (C-1)
- JN. Describe techniques for successful treatment of infants and children. (C-1)
- JO. Identify the common responses of families to acute illness and injury of an infant or child. (C-1)
- K. Describe techniques for successful interaction with families of acutely ill or injured infants and children. (C- 1)
- JP. Outline differences in adult and childhood anatomy and physiology. (C-3)
- JQ. Identify "normal" age group related vital signs. (C-1)
- JR. Discuss the appropriate equipment utilized to obtain pediatric vital signs. (C-1)
- JS. Determine appropriate airway adjuncts for infants and children. (C-1)
- JT. Discuss complications of improper utilization of airway adjuncts with infants and children. (C-1)
- JU. Discuss appropriate ventilation devices for infants and children. (C-1)
- JV. Discuss complications of improper utilization of ventilation devices with infants and children. (C-1)
- JW. Discuss appropriate endotracheal intubation equipment for infants and children. (C-1)
- JX. Identify complications of improper endotracheal intubation procedure in infants and children. (C-1)
- JY. List the indications and methods for gastric decompression for infants and children. (C-1)
- JZ. Define respiratory distress. (C-1)
- KA. Define respiratory failure. (C-1)
- KB. Define respiratory arrest. (C-1)

KC. Differentiate between upper airway obstruction and lower airway disease. (C-3)  
KD. Describe the general approach to the treatment of children with respiratory distress, failure, or arrest from upper airway obstruction or lower airway disease. (C-3)  
KE. Discuss the common causes of hypoperfusion in infants and children. (C-1)  
KF. Evaluate the severity of hypoperfusion in infants and children. (C-3)  
KG. Identify the major classifications of pediatric cardiac rhythms. (C-1)  
KH. Discuss the primary etiologies of cardiopulmonary arrest in infants and children. (C-1)  
KI. Discuss age appropriate vascular access sites for infants and children. (C-1)  
KJ. Discuss the appropriate equipment for vascular access in infants and children. (C-1)  
KK. Identify complications of vascular access for infants and children. (C-1)  
KL. Describe the primary etiologies of altered level of consciousness in infants and children. (C-1)  
KM. Identify common lethal mechanisms of injury in infants and children. (C-1)  
KN. Discuss anatomical features of children that predispose or protect them from certain injuries. (C-1)  
KO. Describe aspects of infant and children airway management that are affected by potential cervical spine injury. (C-1)  
KP. Identify infant and child trauma patients who require spinal immobilization. (C-1)  
KQ. Discuss fluid management and shock treatment for infant and child trauma patient. (C-1)  
KR. Determine when pain management and sedation are appropriate for infants and children. (C-1)  
KS. Define child abuse. (C-1)  
KT. Define child neglect. (C-1)  
KU. Define sudden infant death syndrome (SIDS). (C-1)  
KV. Discuss the parent/ caregiver responses to the death of an infant or child. (C-1)  
KW. Define children with special health care needs. (C-1)  
KX. Define technology assisted children. (C-1)  
KY. Discuss basic cardiac life support (CPR) guidelines for infants and children. (C-1)  
KZ. Identify appropriate parameters for performing infant and child CPR. (C-1)  
LA. Integrate advanced life support skills with basic cardiac life support for infants and children. (C-3)  
LB. Discuss the indications, dosage, route of administration and special considerations for medication administration in infants and children. (C-1)  
LC. Discuss appropriate transport guidelines for infants and children. (C-1)  
LD. Discuss appropriate receiving facilities for low and high risk infants and children. (C-1)  
AAA. Describe the epidemiology, including the incidence, morbidity/ mortality, risk factors and prevention strategies for respiratory distress/ failure in infants and children. (C-1)  
BBB. Discuss the pathophysiology of respiratory distress/ failure in infants and children. (C-1)  
CCC. Discuss the assessment findings associated with respiratory distress/ failure in infants and children. (C-1)  
DDD. Discuss the management/ treatment plan for respiratory distress/ failure in infants and children. (C-1)  
EEE. Describe the epidemiology, including the incidence, morbidity/ mortality, risk factors and prevention strategies for hypoperfusion in infants and children. (C-1)  
FFF. Discuss the pathophysiology of hypoperfusion in infants and children. (C-1)  
GGG. Discuss the assessment findings associated with hypoperfusion in infants and children. (C-1)  
HHH. Discuss the management/ treatment plan for hypoperfusion in infants and children. (C-1)  
III. Describe the epidemiology, including the incidence, morbidity/ mortality, risk factors and prevention strategies for cardiac dysrhythmias in infants and children. (C-1)  
JJJ. Discuss the pathophysiology of cardiac dysrhythmias in infants and children. (C-1)  
KKK. Discuss the assessment findings associated with cardiac dysrhythmias in infants and children. (C-1)  
LLL. Discuss the management/ treatment plan for cardiac dysrhythmias in infants and children. (C-1)  
MMM. Describe the epidemiology, including the incidence, morbidity/ mortality, risk factors and prevention strategies for neurological emergencies in infants and children. (C-1)



NNN. Discuss the pathophysiology of neurological emergencies in infants and children. (C-1)

OOO. Discuss the assessment findings associated with neurological emergencies in infants and children. (C- 1)

PPP. Discuss the management/ treatment plan for neurological emergencies in infants and children. (C-1)

QQQ. Describe the epidemiology, including the incidence, morbidity/ mortality, risk factors and prevention strategies for trauma in infants and children. (C-1)

RRR. Discuss the pathophysiology of trauma in infants and children. (C-1)

SSS. Discuss the assessment findings associated with trauma in infants and children. (C-1)

TTT. Discuss the management/ treatment plan for trauma in infants and children. (C-1)

UUU. Describe the epidemiology, including the incidence, morbidity/ mortality, risk factors and prevention strategies for abuse and neglect in infants and children. (C-1)

VVV. Discuss the pathophysiology of abuse and neglect in infants and children. (C-1)

WWW. Discuss the assessment findings associated with abuse and neglect in infants and children. (C-1)

XXX. Discuss the management/ treatment plan for abuse and neglect in infants and children, including documentation and reporting. (C-1)

YYY. Describe the epidemiology, including the incidence, morbidity/ mortality, risk factors and prevention strategies for SIDS infants. (C-1)

ZZZ. Describe the epidemiology, including the incidence, morbidity/ mortality, risk factors and prevention strategies for children with special health care needs including technology assisted children. (C-1)

AAAA. Discuss the pathophysiology of children with special health care needs including technology assisted children. (C-1)

BBBB. Discuss the assessment findings associated for children with special health care needs including technology assisted children. (C-1)

CCCC. Discuss the management/ treatment plan for children with special health care needs including technology assisted children. (C-1)

DDDD. Describe the epidemiology, including the incidence, morbidity/ mortality, risk factors and prevention strategies for SIDS infants. (C-1)

EEEE. Discuss the pathophysiology of SIDS in infants. (C-1)

FFFF. Discuss the assessment findings associated with SIDS infants. (C-1)

GGGG. Discuss the management/ treatment plan for SIDS in infants. (C-1)

#### AFFECTIVE OBJECTIVES

At the completion of this unit, the paramedic student will be able to:

- A. Demonstrate and advocate appropriate interactions with the infant/ child that conveys an understanding of their developmental stage. (A-3)
- B. Recognize the emotional dependance of the infant/ child to their parent/ guardian. (A-1)
- C. Recognize the emotional impact of the infant/ child injuries and illnesses on the parent/ guardian. (A- 1)
- D. Recognize and appreciate the physical and emotional difficulties associated with separation of the parent/ guardian of a special needs child (A-3)
- E. Demonstrate the ability to provide reassurance, empathy and compassion for the parent/ guardian. (A-1)

#### PSYCHOMOTOR OBJECTIVES

At the completion of this unit, the paramedic student will be able to:

- A. Demonstrate the appropriate approach for treating infants and children. (P-2)
- 6-2.92 Demonstrate appropriate intervention techniques with families of acutely ill or injured infants and children. (P-2)
- LE. Demonstrate an appropriate assessment for different developmental age groups. (P-2)
- LF. Demonstrate an appropriate technique for measuring pediatric vital signs. (P-2)
- LG. Demonstrate the use of a length-based resuscitation device for determining equipment sizes, drug doses and other pertinent information for a pediatric patient. (P-2)
- LH. Demonstrate the appropriate approach for treating infants and children with respiratory distress, failure, and arrest. (P-2)
- LI. Demonstrate proper technique for administering blow-by oxygen to infants and children. (P-2)
- LJ. Demonstrate the proper utilization of a pediatric non-rebreather oxygen mask. (P-2)

LK. Demonstrate proper technique for suctioning of infants and children. (P-2)  
 LL. Demonstrate appropriate use of airway adjuncts with infants and children. (P-2)  
 LM. Demonstrate appropriate use of ventilation devices for infants and children. (P-2)  
 LN. Demonstrate endotracheal intubation procedures in infants and children. (P-2)  
 LO. Demonstrate appropriate treatment/ management of intubation complications for infants and children. (P- 2)  
 LP. Demonstrate appropriate needle cricothyroidotomy in infants and children. (P-2)  
 LQ. Demonstrate proper placement of a gastric tube in infants and children. (P-2)  
 LR. Demonstrate an appropriate technique for insertion of peripheral intravenous catheters for infants and children. (P-2)  
 LS. Demonstrate an appropriate technique for administration of intramuscular, inhalation, subcutaneous, rectal, endotracheal and oral medication for infants and children. (P-2)  
 LT. Demonstrate an appropriate technique for insertion of an intraosseous line for infants and children. (P-2)  
 LU. Demonstrate appropriate interventions for infants and children with a partially obstructed airway. (P-2)  
 LV. Demonstrate age appropriate basic airway clearing maneuvers for infants and children with a completely obstructed airway. (P-2)  
 LW. Demonstrate proper technique for direct laryngoscopy and foreign body retrieval in infants and children with a completely obstructed airway. (P-2)  
 LX. Demonstrate appropriate airway and breathing control maneuvers for infant and child trauma patients. (P-2)  
 LY. Demonstrate appropriate treatment of infants and children requiring advanced airway and breathing control. (P-2)  
 LZ. Demonstrate appropriate immobilization techniques for infant and child trauma patients. (P-2)  
 MA. Demonstrate treatment of infants and children with head injuries. (P-2)  
 MB. Demonstrate appropriate treatment of infants and children with chest injuries. (P-2)  
 MC. Demonstrate appropriate treatment of infants and children with abdominal injuries. (P-2)  
 MD. Demonstrate appropriate treatment of infants and children with extremity injuries. (P-2)  
 ME. Demonstrate appropriate treatment of infants and children with burns. (P-2)  
 MF. Demonstrate appropriate parent/ caregiver interviewing techniques for infant and child death situations.(P-2)  
 MG. Demonstrate proper infant CPR. (P-2)  
 MH. Demonstrate proper child CPR. (P-2)  
 MI. Demonstrate proper techniques for performing infant and child defibrillation and synchronized cardioversion.(P-2)

ILO 2. 2. Creative, critical and analytical thinking

EMTP 63A MOBILE INTENSIVE CARE PARAMEDIC PROGRAM: HOSPITAL  
SPECIALTY ROTATIONS

SLO 1. rapidly and continuously assess ill or injured patients

ILO 1. 2. Creative, critical and analytical thinking

SLO 2. systematically process assessment findings and develop conclusions

ILO 2. 2. Creative, critical and analytical thinking

EMTP 63B MOBILE INTENSIVE CARE PARAMEDIC PROGRAM: HOSPITAL  
EMERGENCY DEPARTMENT ROTATIONS

SLO 1. At completion of this course, paramedic student will complete each expect outcome with the assistance of the faculty and hospital preceptor in the controlled environment of the hospital setting in preparation for the chaotic, uncontrolled environment of the ambulance field internship: integrate pathophysiological principles of pharmacology and the assessment findings to formulate a field impression and implement a pharmacologic management plan.

ILO 1. 2. Creative, critical and analytical thinking

SLO 2. At completion of this course, paramedic student will complete each expect outcome with the assistance of the faculty and hospital preceptor in the controlled environment of the hospital setting in preparation for the chaotic, uncontrolled environment of the ambulance field internship: safely and precisely access the venous circulation and administer

medications.

ILO 2. 2. Creative, critical and analytical thinking

EMTP 64A

MOBILE INTENSIVE CARE PARAMEDIC PROGRAM:  
AMBULANCE FIELD INTERNSHIP

SLO 1. Students are required to take the theoretical knowledge from the classroom, the laboratory simulations on manikins, and appropriate attitudes learned in the classroom, the hospital-clinical experience on live patients and combine these components to function as an intern responding on a 911 ambulance to ill and injured patients while being instructed and evaluated by a field preceptor. The student has the daunting task of initiating, providing, and directing entire emergency patient care while in a sometimes chaotic, uncontrolled environment. Students will use the appropriate techniques to obtain a medical history from a patient.

ILO 1. 1. Communication

SLO 2. Students are required to take the theoretical knowledge from the classroom, the laboratory simulations on manikins, and appropriate attitudes learned in the classroom, the hospital-clinical experience on live patients and combine these components to function as an intern responding on a 911 ambulance to ill and injured patients while being instructed and evaluated by a field preceptor. The student has the daunting task of initiating, providing, and directing entire emergency patient care while in a sometimes chaotic, uncontrolled environment. Students will apply a process of clinical decision making to use the assessment findings to help form a field impression.

ILO 2. 2. Creative, critical and analytical thinking

EMTP 64B

MOBILE INTENSIVE CARE PARAMEDIC PROGRAM:  
AMBULANCE FIELD INTERNSHIP

SLO 1. At completion of this course, paramedic student will complete each expected outcome with the assistance of the faculty and ambulance paramedic preceptor in the uncontrolled environment of the field internship setting. Students will integrate pathophysiological principles and the assessment findings to formulate a field impression and implement a treatment plan for a patient with respiratory problems.

ILO 1. 2. Creative, critical and analytical thinking

SLO 2. At completion of this course, paramedic student will complete each expected outcome with the assistance of the faculty and ambulance paramedic preceptor in the uncontrolled environment of the field internship setting. Students will integrate pathophysiological principles and the assessment findings to formulate a field impression and implement a treatment plan for a patient with cardiovascular disease.

ILO 2. 2. Creative, critical and analytical thinking

EMTP 64C

MOBILE INTENSIVE CARE PARAMEDIC PROGRAM:  
EXTENSION AMBULANCE FIELD INTERNSHIP

SLO 1. Extended ambulance internship. Offers additional period of clinical exposure for students needing further clinical time to develop requisite skills. Students are required to take the theoretical knowledge from the classroom, the laboratory simulations on manikins, and appropriate attitudes learned in the classroom, the hospital-clinical experience on live patients and combine these components to function as an intern responding on a 911 ambulance to ill and injured patients while being instructed and evaluated by a field preceptor. The student has the daunting task of initiating, providing, and directing entire emergency patient care while in a sometimes chaotic, uncontrolled environment. The student will integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the pediatric patient.

ILO 1. 2. Creative, critical and analytical thinking

SLO 2. Extended ambulance internship. Offers additional period of clinical exposure for students needing further clinical time to develop requisite skills. Students are required to take the theoretical knowledge from the classroom, the laboratory simulations on manikins, and appropriate attitudes learned in the classroom, the hospital-clinical experience on live patients and combine these components to function as an intern responding on a 911 ambulance to ill and injured patients while being instructed and evaluated by a field preceptor. The student has the daunting task of initiating, providing, and directing entire emergency patient care while in a sometimes chaotic, uncontrolled environment. The

student will integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the geriatric patient.

ILO 2. 2. Creative, critical and analytical thinking

EMTP 190 DIRECTED STUDY

SLO 1. The SLO for this class is student dependent. For example, if a student needs additional help in attaining competency in establishing venous access on live patient- the SLO is: attaining competency in establishing venous access on live patient.

ILO 1. 2. Creative, critical and analytical thinking

SLO 2. The SLO for this class is student dependent. For example, if a student needs additional help in attaining competency in safely administering medications on live patient- the SLO is: attaining competency in safely administering medications on live patients.

ILO 2. 2. Creative, critical and analytical thinking

EMTP 190X DIRECTED STUDY

SLO 1. The SLO for this class is student dependent. For example, if a student needs additional help in attaining competency in patient communication- the SLO is: attaining competency in patient communication.

ILO 1. 1. Communication

SLO 2. The SLO for this class is student dependent. For example, if a student needs additional help in attaining competency in establishing treatment plans- the SLO is: attaining competency in establishing treatment plans.

ILO 2. 2. Creative, critical and analytical thinking

EMTP 190Y DIRECTED STUDY

SLO 1. The SLO for this class is student dependent. For example, if a student needs additional help in attaining competency in determining patient acuity- the SLO is: attaining competency in determining patient acuity.

ILO 1. 2. Creative, critical and analytical thinking

SLO 2. The SLO for this class is student dependent. For example, if a student needs additional help in attaining competency in performing patient assessments- the SLO is: attaining competency in performing patient assessments.

ILO 2. 1. Communication

EMTP 190Z DIRECTED STUDY

SLO 1. The SLO for this class is student dependent. For example, if a student needs additional help in attaining competency in scene delegation- the SLO is: attaining competency in scene delegation.

ILO 1. 1. Communication

SLO 2. The SLO for this class is student dependent. For example, if a student needs additional help in attaining competency in establishing leadership- the SLO is: attaining competency in establishing leadership.

ILO 2. 1. Communication

2 of 49 Course IDs for *ENGL* in the Language Arts Division have SLO's.

2010-2011

Course ID	Title	SLO's
ENGL 1A	COMPOSITION & READING	No SLOs on file.
ENGL 1AH	HONORS COMPOSITION & READING	No SLOs on file.
ENGL 1B	COMPOSITION, CRITICAL READING & THINKING	No SLOs on file.
ENGL 1BH	HONORS COMPOSITION, CRITICAL READING, & THINKING	No SLOs on file.
ENGL 1C	ADVANCED COMPOSITION	No SLOs on file.
ENGL 1CH	HONORS ADVANCED COMPOSITION	No SLOs on file.
ENGL 3	TECHNICAL WRITING	No SLOs on file.
ENGL 5	GAY & LESBIAN LITERATURE	No SLOs on file.

ENGL 5H	HONORS GAY & LESBIAN LITERATURE	No SLOs on file.
ENGL 7	NATIVE AMERICAN LITERATURE	No SLOs on file.
ENGL 7H	HONORS NATIVE AMERICAN LITERATURE	No SLOs on file.
ENGL 8	CHILDREN'S LITERATURE	No SLOs on file.
ENGL 11	INTRODUCTION TO POETRY	No SLOs on file.
ENGL 11H	HONORS INTRODUCTION TO POETRY	No SLOs on file.
ENGL 12	AFRICAN AMERICAN LITERATURE	
	<b>SLO 1.</b> Identify significant literary, social, cultural and political issues in 19th-21st century African American writing.	
	<b>SLO 2.</b> Identify fundamental elements of African American culture as represented in the literature.	
ENGL 14	INTRODUCTION TO CONTEMPORARY FICTION	
	<b>SLO 1.</b> Students can understand postmodernism in literature and recognize its effect on selected contemporary fiction.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Students can articulate a main idea at essay level (thesis)	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking	
ENGL 17	INTRODUCTION TO SHAKESPEARE	No SLOs on file.
ENGL 22	WOMEN WRITERS	No SLOs on file.
ENGL 31	LATINO/A LITERATURE	No SLOs on file.
ENGL 34H	HONORS INSTITUTE SEMINAR IN ENGLISH	No SLOs on file.
ENGL 35	SEMINARS IN ENGLISH	No SLOs on file.
ENGL 35X	SEMINARS IN ENGLISH	No SLOs on file.
ENGL 35Y	SEMINARS IN ENGLISH	No SLOs on file.
ENGL 35Z	SEMINARS IN ENGLISH	No SLOs on file.
ENGL 36	INDIVIDUAL PROJECTS IN ENGLISH	No SLOs on file.
ENGL 36X	INDIVIDUAL PROJECTS IN ENGLISH	No SLOs on file.
ENGL 36Y	INDIVIDUAL PROJECTS IN ENGLISH	No SLOs on file.
ENGL 36Z	INDIVIDUAL PROJECTS IN ENGLISH	No SLOs on file.
ENGL 40	ASIAN AMERICAN LITERATURE	No SLOs on file.
ENGL 40H	HONORS ASIAN AMERICAN LITERATURE	No SLOs on file.
ENGL 41	LITERATURE OF MULTICULTURAL AMERICA	No SLOs on file.
ENGL 42A	INTRODUCTION TO DRAMATIC LITERATURE	No SLOs on file.
ENGL 42B	INTRODUCTION TO DRAMATIC LITERATURE	No SLOs on file.
ENGL 42C	INTRODUCTION TO DRAMATIC LITERATURE	No SLOs on file.
ENGL 42S	INTEGRATED COMPOSITION & READING	No SLOs on file.
ENGL 42T	INTEGRATED COMPOSITION & READING	No SLOs on file.
ENGL 46A	MONSTERS, MADNESS & MAYHEM: ENGLISH LITERATURE FROM ITS EARLIEST BEGINNINGS TO MILTON	No SLOs on file.
ENGL 46B	REASON, REBELLION & ROMANTICISM: ENGLISH LITERATURE FROM 1660 - 1830'S	No SLOs on file.
ENGL 46C	WARS & WASTELANDS: ENGLISH LITERATURE FROM THE VICTORIAN PERIOD TO THE PRESENT	No SLOs on file.
ENGL 48A	SURVEY OF EARLY AMERICAN LITERATURE: 1492-1864	No SLOs on file.
ENGL 48B	AMERICAN LITERATURE IN THE GILDED AGE: 1865-1914	No SLOs on file.
ENGL 48C	MODERN AMERICAN LITERATURE: 1914-PRESENT	No SLOs on file.
ENGL 50	SPECIAL TOPICS IN ENGLISH	No SLOs on file.
ENGL 110	INTRODUCTION TO COLLEGE WRITING	No SLOs on file.
ENGL 190	DIRECTED STUDY	No SLOs on file.
ENGL 190X	DIRECTED STUDY	No SLOs on file.
ENGL 205	ALTERNATE CREDIT READING SKILLS	No SLOs on file.
ENGL 209	INTRODUCTION TO COLLEGE READING	No SLOs on file.
ENGL 215	ALTERNATE CREDIT WRITING SKILLS	No SLOs on file.

2 of 11 Course IDs for *ENGR* in the Physical Sciences, Mathematics & Engineering Division have SLO's.

2010-2011

Course ID	Title	SLO's
ENGR 10	INTRODUCTION TO ENGINEERING	No SLOs on file.
ENGR 34H	HONORS INSTITUTE SEMINAR IN ENGINEERING	No SLOs on file.
ENGR 35	STATICS	
	SLO 1. The student be able to determine the equilibrium of particles and rigid bodies in two and three dimensions	
	ILO 1. 2. Creative, critical and analytical thinking 3. Computation	
	SLO 2. The student will be able to analyze the forces, centroid and moments of inertia on structures, such as:	
	- Trusses	
	- Frames	
	- Beams	
	- Cables	
	ILO 2. 2. Creative, critical and analytical thinking 3. Computation	
ENGR 36	SPECIAL PROJECTS IN ENGINEERING & TECHNOLOGY	No SLOs on file.
ENGR 36X	SPECIAL PROJECTS IN ENGINEERING & TECHNOLOGY	No SLOs on file.
ENGR 36Y	SPECIAL PROJECTS IN ENGINEERING & TECHNOLOGY	No SLOs on file.
ENGR 37	INTRODUCTION TO CIRCUIT ANALYSIS	
	SLO 1. Students will correctly identify the production, characteristics, applications, and voltage change methods of Direct Current and Alternating Current.	
	SLO 2. Students will correctly calculate quantities in DC and AC circuits containing resistive devices, capacitors, and inductors using Ohm's and Watt's Laws, Kirchoff's Laws, and appropriate circuit analysis methods.	
	ILO 2. 2. Creative, critical and analytical thinking 3. Computation	
	SLO 3. Students will correctly perform measurements using multimeters, oscilloscopes, and signal generators, perform circuit fabrication using electronic schematic diagrams, and perform simple problem-isolation techniques on laboratory circuits.	
	ILO 3. 2. Creative, critical and analytical thinking 3. Computation	
ENGR 37L	CIRCUIT ANALYSIS LABORATORY	No SLOs on file.
ENGR 40	INTRODUCTION TO CLEAN ENERGY TECHNOLOGY	No SLOs on file.
ENGR 45	PROPERTIES OF MATERIALS	No SLOs on file.
ENGR 49	ENGINEERING PROFESSION	No SLOs on file.

2 of 31 Course IDs for *ESLL* in the Language Arts Division have SLO's.

2010-2011

Course ID	Title	SLO's
ESLL 25	COMPOSITION & READING	
	SLO 1. Analyze articles written for a general audience, such as those appearing in Newsweek or Time Magazine.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Write an expository essay based on one or more texts.	
	ILO 2. 1. Communication	
ESLL 26	ADVANCED COMPOSITION & READING	No SLOs on file.
ESLL 200A	FOUNDATIONS IN ENGLISH AS A SECOND LANGUAGE I	No SLOs on file.
ESLL 200B	FOUNDATIONS IN ENGLISH AS A SECOND LANGUAGE II	No SLOs on file.
ESLL 210A	FOUNDATIONS IN ENGLISH AS A SECOND LANGUAGE III	No SLOs on file.

ESLL 210B	FOUNDATIONS IN ENGLISH AS A SECOND LANGUAGE IV	No SLOs on file.
ESLL 225	DEVELOPING LISTENING/SPEAKING SKILLS	No SLOs on file.
ESLL 226	HIGH-INTERMEDIATE GRAMMAR	No SLOs on file.
ESLL 227	HIGH-INTERMEDIATE READING SKILLS	No SLOs on file.
ESLL 228	DEVELOPING LANGUAGE SKILLS FOR INTERNATIONAL STUDENTS	No SLOs on file.
ESLL 235	LISTENING/SPEAKING FOR ACADEMIC PURPOSES	No SLOs on file.
ESLL 236	ADVANCED GRAMMAR	No SLOs on file.
ESLL 237	BASIC COMPOSITION SKILLS	
	SLO 1. Summarize a lecture.	
	SLO 2. Participate in group discussions based on lectures.	
ESLL 246	APPLIED GRAMMAR & EDITING SKILLS	No SLOs on file.
ESLL 247	ADVANCED VOCABULARY DEVELOPMENT FOR READING & WRITING	No SLOs on file.
ESLL 248	ADVANCED GRAMMAR REVIEW	No SLOs on file.
ESLL 261A	ALTERNATE CREDIT: FOUNDATIONS IN ENGLISH AS A SECOND LANGUAGE I	No SLOs on file.
ESLL 261B	ALTERNATE CREDIT: FOUNDATIONS IN ENGLISH AS A SECOND LANGUAGE II	No SLOs on file.
ESLL 262A	ALTERNATE CREDIT: FOUNDATIONS IN ENGLISH AS A SECOND LANGUAGE III	No SLOs on file.
ESLL 262B	FOUNDATIONS IN ENGLISH AS A SECOND LANGUAGE IV	No SLOs on file.
ESLL 265	ALTERNATIVE CREDIT: DEVELOPING LISTENING/SPEAKING SKILLS	No SLOs on file.
ESLL 266	ALTERNATE CREDIT: HIGH-INTERMEDIATE GRAMMAR	No SLOs on file.
ESLL 267	ALTERNATE CREDIT: HIGH-INTERMEDIATE READING SKILLS	No SLOs on file.
ESLL 275	ALTERNATIVE CREDIT: LISTENING/SPEAKING FOR ACADEMIC PURPOSES	No SLOs on file.
ESLL 276	ALTERNATIVE CREDIT: ADVANCED GRAMMAR	No SLOs on file.
ESLL 277	ALTERNATIVE CREDIT: BASIC COMPOSITION SKILLS	No SLOs on file.
ESLL 286	ALTERNATIVE CREDIT: APPLIED GRAMMAR & EDITING SKILLS	No SLOs on file.
ESLL 287	ALTERNATE CREDIT: ADVANCED VOCABULARY DEVELOPMENT FOR READING/WRITING	No SLOs on file.
ESLL 288	ALTERNATE CREDIT: ADVANCED GRAMMAR REVIEW	No SLOs on file.
ESLL 295	ALTERNATE CREDIT: COMPOSITION & READING	No SLOs on file.
ESLL 296	ALTERNATE CREDIT: ADVANCED COMPOSITION & READING	No SLOs on file.

2 of 10 Course IDs for *F A* in the Fine Arts and Communication Division have SLO's.

2010-2011

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Course ID	Title	SLO's
F A 1	INTRODUCTION TO POPULAR CULTURE	
	SLO 1. Critique aspects of popular culture as a reflection of its social/historical context.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 2. Evaluate artifacts of popular culture and its relationship to a commodity culture.	
	ILO 2. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 3. Analyze assumptions of race, class, generation, and gender embedded in popular culture.	
	ILO 3. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
F A 2	POPULAR CULTURE & UNITED STATES HISTORY	



- SLO 1.** Evaluate the cultural and social importance of popular culture in shaping twentieth and twenty-first century American history
- ILO 1.** 2. Creative, critical and analytical thinking
- SLO 2.** Analyze the importance of context and perspective when studying history through the lens of popular culture.
- ILO 2.** 2. Creative, critical and analytical thinking

F A 30	FINE ARTS TOPICS	No SLOs on file.
F A 30X	FINE ARTS TOPICS	No SLOs on file.
F A 30Y	FINE ARTS TOPICS	No SLOs on file.
F A 30Z	FINE ARTS TOPICS	No SLOs on file.
F A 150	FINE ARTS LABORATORY	No SLOs on file.
F A 150X	FINE ARTS LABORATORY	No SLOs on file.
F A 150Y	FINE ARTS LABORATORY	No SLOs on file.
F A 150Z	FINE ARTS LABORATORY	No SLOs on file.

0 of 1 Course IDs for *FASH* in the Business and Social Sciences Division have SLO's. 2010-2011

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23 of 29 Course IDs for *GEOG* in the Business and Social Sciences Division have SLO's. 2010-2011

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Course ID	Title	SLO's
GEOG 1	PHYSICAL GEOGRAPHY	
	<b>SLO 1.</b> Use maps, graphs and/or Geographic Information Systems (GIS) to analyze and interpret data and draw valid conclusions	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Explain the causes of seasons	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	<b>SLO 3.</b> Analyze the factors that contribute to global climate patterns.	
	<b>ILO 3.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	<b>SLO 4.</b> Discuss the formation of major landforms.	
	<b>ILO 4.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	<b>SLO 5.</b> Discuss the function, temperature profile and composition of the atmosphere.	
	<b>ILO 5.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	<b>SLO 6.</b> Discuss the hydrologic cycle, and the distribution and allocation of water resources for humans.	
	<b>ILO 6.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	<b>SLO 7.</b> Analyze patterns and consequences of human environment interaction.	
	<b>ILO 7.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
GEOG 2	HUMAN GEOGRAPHY	
	<b>SLO 1.</b> Use maps, graphs, and/or Geographic Information Systems (GIS) to analyze and interpret data, and draw valid conclusions.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	

	SLO 2. Place contemporary developments in cultural, historical, environmental and spatial context.	
	ILO 2. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 3. Analyze relationships between humans and the natural world in which they live.	
	ILO 3. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 4. Discuss patterns of population growth and change around the world.	
	ILO 4. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
GEOG 5	INTRODUCTION TO ECONOMIC GEOGRAPHY	
	SLO 1. Use maps, graphs, and/or Geographic Information Systems (GIS) to analyze and interpret data and derive valid conclusions.	
	SLO 2. Examine how society organizes its economic activities over space at both a local, regional and global scale.	
	SLO 3. Compare and contrast economic development and prosperity as they relate to human geography and the distribution of natural resources.	
GEOG 9	CALIFORNIA GEOGRAPHY	
	SLO 1. Identify California's physical and cultural regions and characteristics.	
	SLO 2. Examine activities and historic processes which modified California's natural and cultural aspects.	
GEOG 10	WORLD REGIONAL GEOGRAPHY	
	SLO 1. Use maps, graphs, and/or Geographic Information Systems (GIS) to analyze and interpret data and draw valid conclusions.	
	SLO 2. Apply major geographic themes and concepts to explain the origins and development of major nations and regions.	
	SLO 3. Compare and contrast major regions of the world with regard to their natural environments, peoples, natural resources, economies and contemporary problems.	
GEOG 12	INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (GIS)	
	SLO 1. Define a Geographic Information System.	
	SLO 2. Identify, compare and Contrast vector and raster GIS.	
	SLO 3. Apply cartographic principles of scale, resolution, projection, data management and spatial analysis to a geographic nature using a GIS.	
GEOG 34H	HONORS INSTITUTE SEMINAR IN GEOGRAPHY	
GEOG 35	DEPARTMENT HONORS PROJECTS IN GEOGRAPHY	No SLOs on file.
GEOG 36	SPECIAL PROJECTS IN GEOGRAPHY	
	SLO 1. assess complexities and patterns of issue/project covered using a geographic perspective.	
	SLO 2. To be completed...	
GEOG 36X	SPECIAL PROJECTS IN GEOGRAPHY	
	SLO 1. assess complexities and patterns of issue/project covered using a geographic perspective.	
GEOG 36Y	SPECIAL PROJECTS IN GEOGRAPHY	
	SLO 1. assess complexities and patterns of issue/project covered using a geographic perspective.	
GEOG 36Z	SPECIAL PROJECTS IN GEOGRAPHY	
	SLO 1. assess complexities and patterns of issue/project covered using a geographic perspective.	

- GEOG 52            ADVANCED GEOGRAPHIC INFORMATION SYSTEMS (GIS)  
SLO 1. Demonstrate the process of converting analogue data to digital data for use in GIS.  
SLO 2. Identify and discuss GIS data sources.  
SLO 3. Create new GIS databases.  
SLO 4. Plan, evaluate and execute an original GIS project.
- GEOG 54A           SEMINAR IN SPECIALIZED APPLICATIONS OF GEOGRAPHIC  
INFORMATION SYSTEMS I  
SLO 1. Discuss the diverse applications of Geographic Information Systems.
- GEOG 54B           SEMINAR IN SPECIALIZED APPLICATIONS OF GEOGRAPHIC  
INFORMATION SYSTEMS II  
SLO 1. Create and present a GIS project.
- GEOG 58            REMOTE SENSING & DIGITAL IMAGE PROCESSING  
SLO 1. Define remote sensing.  
SLO 2. Discuss the applications of remote sensing with Geographic Information Systems (GIS)  
SLO 3. Discuss the physical basis for remote sensing in terms of the electromagnetic spectrum.
- GEOG 59            CARTOGRAPHY, MAP PRESENTATION & DESIGN  
SLO 1. Create maps that demonstrate an understanding of the fundamentals of composition, color, and symbol selection at different scales.
- GEOG 73            DYNAMIC & INTERACTIVE MAPPING  
SLO 1. Critically evaluate cartographic user interfaces and animations  
ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation  
SLO 2. Design and create interfaces for interactive mapping systems  
ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation  
SLO 3. Design and create animations for dynamic cartographic presentations  
ILO 3. 1. Communication 2. Creative, critical and analytical thinking 3. Computation
- GEOG 78            GEOGRAPHIC INFORMATION SCIENCE PROJECTS  
SLO 1. Design, create, test, and document interfaces for interactive mapping systems  
ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation  
SLO 2. Design, create, test, and document animations for dynamic cartographic presentations  
ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation
- GEOG 90A           INTRODUCTION TO GIS FOR K-12 TEACHERS I:  
FUNDAMENTALS OF GEOGRAPHIC INFORMATION SYSTEMS  
SCIENCE  
SLO 1. apply GIS to problems of a spatial nature.  
ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation  
SLO 2. discuss the value and applications of GIS in student's major or area of interest  
ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation
- GEOG 90B           INTRODUCTION TO GIS FOR K-12 TEACHERS II: UTILIZING  
SPATIAL DATA & DATA ANALYSIS IN THE CLASSROOM  
SLO 1. Apply spatial analysis functions on a GIS to a Geospatial problem.  
ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility  
SLO 2. Discuss applications of GIS to standard curriculum.  
ILO 2. 1. Communication 2. Creative, critical and analytical thinking
- GEOG 90C           INTRODUCTION TO GIS FOR K-12 TEACHERS III: DESIGNING &  
IMPLEMENTING A GIS

**SLO 1.** Create new GIS databases through scanning and heads-up digitizing.

**ILO 1.** 3. Computation

**SLO 2.** Design a project based inquiry activity around a GIS.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**GEOG 100A INTRODUCTION TO ARC VIEW GIS**

**SLO 1.** create a GIS project from a set of given files.

**ILO 1.** 3. Computation

**SLO 2.** manipulate GIS data to create a printed map.

**ILO 2.** 3. Computation

**GEOG 100B INTRODUCTION TO GEO MEDIA & GEO MEDIA PRO**

**SLO 1.** create and manipulate data displays within the GeoWorkspace.

**ILO 1.** 3. Computation

**SLO 2.** connect to, and manipulate data within the Data Warehouse.

**ILO 2.** 3. Computation

GEOG 101	A PREFACE TO GIS: AN INTRODUCTION TO COMPUTER-BASED MAPPING & GIS	No SLOs on file.
GEOG 101A	INTRODUCTION TO MAPPING & COMPUTERIZED CARTOGRAPHY	No SLOs on file.
GEOG 101B	A PREFACE TO GIS: COMPUTER-BASED MAPPING & GIS	No SLOs on file.
GEOG 101C	GLOBAL POSITIONING SYSTEMS (GPS) FUNDAMENTALS	No SLOs on file.
GEOG 101D	TECHNOLOGY CAREERS & WORKFORCE PREPARATION	No SLOs on file.

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0 of 1 Course IDs for *GERM* in the Language Arts Division have SLO's. 2010-2011

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0 of 7 Course IDs for *GERN* in the Adaptive Learning Division have SLO's. 2010-2011

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32 of 33 Course IDs for *GID* in the Fine Arts and Communication Division have SLO's. 2010-2011

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Course ID	Title	SLO's
GID 1	HISTORY OF GRAPHIC DESIGN	
	<b>SLO 1.</b> Analyze visual communication in historical and cultural context.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Interpret images, symbols and typography.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
GID 20	DIGITAL VIDEO PRODUCTION I	No SLOs on file.
GID 30	PAPER ARTS I	No SLOs on file.
GID 32	T-SHIRT DESIGN & GARMENT PRINTING	
	<b>SLO 1.</b> Demonstrate an understanding of the function of communication design and personal expression in garment printing.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 2.</b> Demonstrate an understanding of the preparation of artwork for garment printing.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	

GID 38	PRINT ARTS I	
	<b>SLO 1.</b> Demonstrate use of the tools and techniques associated with a variety of print mediums, including relief (woodcut, linoleum block, intaglio (etching), stencil (screenprint) and monoprinting processes.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 2.</b> Understand the process involved in developing images in an "indirect" medium as demonstrated by making prints.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
GID 39	PRINTMAKING II	
	<b>SLO 1.</b> Demonstrate use of the tools and techniques to make fine art prints including relief (woodcut, linoleum block, photopolymer plates), intaglio (etching), stencil (screenprint) and paper plate lithographic processes (lithography).	
	<b>ILO 1.</b> 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 2.</b> Understand the process involved in developing images using hand processes and photographic processes as demonstrated by making prints.	
	<b>ILO 2.</b> 2. Creative, critical and analytical thinking 3. Computation	
GID 40	DIGITAL PRINTMAKING	
	<b>SLO 1.</b> Demonstrate an understanding of the language of fine art printmaking and digital media.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 2.</b> Demonstrate a working knowledge of digital media computer software and print output devices.	
	<b>ILO 2.</b> 2. Creative, critical and analytical thinking 3. Computation	
GID 42	BEGINNING ETCHING	No SLOs on file.
GID 44	BEGINNING RELIEF PRINTMAKING	No SLOs on file.
GID 46	BEGINNING SCREENPRINTING	No SLOs on file.
GID 48	MONOPRINTING	No SLOs on file.
GID 50	GRAPHIC DESIGN STUDIO I	
	<b>SLO 1.</b> Identifies elements of visual language (negative shape, balance, color, focal point, typography) in graphic design work that may include advertising, logo design, poster design, business cards and brochures.	
	<b>SLO 2.</b> Demonstrates technical and expressive fluency in industry-standard software applications.	
GID 51	GRAPHIC DESIGN STUDIO II	
	<b>SLO 1.</b> Produces rough sketches and tight comprehensive layouts using appropriate tools and technology.	
	<b>SLO 2.</b> Demonstrates effective use of page layout software to visually communicate ideas and information.	
GID 52	GRAPHIC DESIGN STUDIO III	
	<b>SLO 1.</b> Construct complex design pieces on a professional level.	
	<b>SLO 2.</b> Demonstrate an understanding of the pre-press production process	
GID 54	TYPOGRAPHY	
	<b>SLO 1.</b> Identify major type families and typefaces by their qualities and characters.	
	<b>SLO 2.</b> Demonstrate an understanding of typographic design principles and techniques in creating finished projects	
GID 56	WEB SITE DESIGN	
	<b>SLO 1.</b> Demonstrate three ways to design a Web site and identify the differences between them.	
	<b>SLO 2.</b> Demonstrates technical and expressive fluency in industry-standard software applications.	

GID 60	CAREERS IN THE VISUAL ARTS	
	SLO 1. Demonstrate an awareness of various career options for visual artists.	
	SLO 2. Identify examples of visual art representing each of ten careers options for visual artists.	
GID 61	PORTFOLIO	
	SLO 1. Students produce a working plan for a portable showcase of artwork	
	SLO 2. Students write a resume and appropriate letters.	
GID 62	SERVICE LEARNING PROJECTS	No SLOs on file.
GID 64A	GRAPHIC & INTERACTIVE DESIGN EXPERIENTIAL INTERNSHIP	No SLOs on file.
GID 70	GRAPHIC DESIGN DRAWING	
	SLO 1. Students create arresting, on-the-spot drawings quickly.	
	SLO 2. Students fabricate solid three-dimensional figures and objects on paper through observation plus the use of research.	
GID 71	STORYBOARDING	
	SLO 1. Students demonstrate an understanding of the language and techniques of storyboards.	
	SLO 2. Students produce linear and non-linear storyboards.	
GID 72	CARTOONING	No SLOs on file.
GID 74	DIGITAL ART & GRAPHICS	
	SLO 1. Demonstrate an understanding of basic design principles of visual image making.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 2. Demonstrate a working knowledge of computer software.	
	ILO 2. 2. Creative, critical and analytical thinking 3. Computation	
GID 76	ILLUSTRATION & DIGITAL IMAGING	
	SLO 1. Create illustrations that communicate the content of an editorial or narrative of a story.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	SLO 2. Effectively use painting and drawing tools to visually communicate ideas and information.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
GID 80	DIGITAL SOUND, VIDEO & ANIMATION	
	SLO 1. Demonstrate an awareness of elements of time-based media.	
	SLO 2. Applies basic video editing in iMovie or Moviemaker. Composes original soundtracks in Audacity or ProTools. Applies complex video editing techniques in Adobe Premiere or Final Cut Pro. Produces a web video.	
GID 84	MOTION GRAPHICS	
	SLO 1. Demonstrate an awareness of the language and characteristics of motion graphics.	
	SLO 2. Demonstrate a working knowledge of digital media computer software.	
GID 90	BOOK ARTS I	
	SLO 1. Construct and bind books with various bindings styles including: stab binding, coptic binding, accordion/concertina binding and box/portfolio construction.	
	ILO 1. 2. Creative, critical and analytical thinking 3. Computation	
	SLO 2. Produce content for books.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking	
GID 91	BOOK ARTS II	
	SLO 1. Plan, develop and construct books using materials, media and presentation suitable to the books content.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	

SLO 2. Demonstrate an understanding of design, layout and typography in book arts.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

GID 92 LETTERPRESS PRINTING

SLO 1. Define their own visual communication projects.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking

SLO 2. Demonstrate an understanding of the design process: information gathering, idea generation, concept development and distribution.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

GID 93 LETTERPRESS PROJECTS

SLO 1. Create letterpress prints using a printing press.

ILO 1. 2. Creative, critical and analytical thinking 3. Computation

SLO 2. Evaluate the content, form and technique of works created using letterpress printing.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

GID 94 BOOK ARTS PROFESSIONAL PRACTICES

SLO 1. Participate in the functions of a book arts organization.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

SLO 2. Help plan, organize and participate in public book arts educational events.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

GID 95 GRAPHIC ARTS STUDIO PROJECTS

SLO 1. Demonstrate an understanding of the design process: information gathering, idea generation, concept development and distribution.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

SLO 2. Demonstrate an understanding the design and publishing process by successfully publishing a document.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

15 of 21 Course IDs for *HIST* in the Business and Social Sciences Division have SLO's.

2010-2011

Course ID	Title	SLO's
HIST 4A	HISTORY OF WESTERN CIVILIZATION TO 800 AD	
	SLO 1. The Student will be able to: Synthesize and analyze the major themes and patterns of the ancient world - in writing	
	ILO 1. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. The Student will be able to: Recognize and assess the reach, significance and impact of individuals on the course of history - in writing.	
	ILO 2. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 3. Not Applicable	
HIST 4B	HISTORY OF WESTERN CIVILIZATION: 700-1800	
	SLO 1. Synthesize and analyze the major themes and patterns of the Middle Period of Western Civilization in writing.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Recognize and assess the impact of individuals on the course of history in writing.	
	ILO 2. 1. Communication	



HIST 4C	HISTORY OF WESTERN CIVILIZATION 1789-PRESENT	
	SLO 1. The Student will be able to: Synthesize and analyze the major themes and/or patterns of a specific historical period in modern western civilization – in writing	
	ILO 1. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. The Student will be able to: Apply principles of critical thinking to a recognition of, causation determination of, and a sensitivity to the issue of the historical continuity of human violence and abuse in western civilization since 1800.	
	ILO 2. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 3. The Student will be able to: Critically examine the necessary and sufficient causes of an historical event or development and its major impacts	
	ILO 3. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 4. The Student will be able to: Recognize and assess the impact of individuals on the course of history	
	ILO 4. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 5. The Student will be able to: Analyze the development of the major political, social, and economic movements and ideologies of the 19th and 20th centuries, including their positive and negative impacts	
	ILO 5. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
HIST 4CH	HONORS HISTORY OF WESTERN CIVILIZATION	
	SLO 1. The Student will be able to: Using developed research findings on an assigned country or theme, students analyze and synthesize background, challenges, impact, and educated judgments.	
	SLO 2. The Student will be able to: Focusing on major analysis areas, students will be able to identify and critically assess the major challenges, themes and new problems in a specified region during a designated time period – in writing	
	SLO 3. The Student will be able to: Move from seeking answers to creating mature historical questions based on research and analysis – in writing.	
HIST 8	HISTORY OF LATIN AMERICA	No SLOs on file.
HIST 9	HISTORY OF CONTEMPORARY EUROPE	
	SLO 1. The Student will be able to: Create and deliver to class a researched and evaluative examination of an assigned country or theme by lecture or shared paper.	
	ILO 1. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. The Student will be able to: Recognize and assess the impact of individuals on the course of history - in writing.	
	ILO 2. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 3. The Student will be able to: Critically assess the challenges of Post WWII and the impact on contemporary Europe – in writing	
	ILO 3. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
HIST 9H	HONORS HISTORY OF CONTEMPORARY EUROPE	
	SLO 1. The Student will be able to: Create and deliver to seminar participants a researched and evaluative examination of an assigned country or theme by lecture or shared paper.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. The Student will be able to: Critically assess the challenges of 20th Century Europe and complimentary areas, and the impact on those areas today – in writing	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	

**SLO 3.** The Student will be able to: Recognize and assess the impact of individuals on the course of history - in writing.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**HIST 10 HISTORY OF CALIFORNIA: THE MULTICULTURAL STATE**

**SLO 1.** Demonstrate factual knowledge of important public figures, social, economic, cultural, political and intellectual developments in California history.

**ILO 1.** 4. Community/global consciousness and responsibility

**SLO 2.** Develop a historical analysis and support it using details and examples.

**ILO 2.** 1. Communication

**SLO 3.** Relate important historical events and patterns to current events and patterns and identify significant similarities and differences

**ILO 3.** 2. Creative, critical and analytical thinking

**HIST 15 HISTORY OF MEXICO**

**SLO 1.** Demonstrate factual knowledge of important public figures, social, economic, cultural, political and intellectual developments in Mexican history.

**SLO 2.** Develop a historical analysis and support it using details and examples.

**SLO 3.** Relate important historical events and patterns to current events and patterns and identify significant similarities and differences

**HIST 16 INTRODUCTION TO ANCIENT ROME**

**SLO 1.** The Student will be able to:

Create and deliver to seminar participants a researched and evaluative examination of an assigned individual, group of individuals, or theme by lecture or shared paper.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** The Student will be able to: Recognize and assess the impact of individuals on the course of history - in writing.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 3.** The Student will be able to: Synthesize and analyze the major themes and patterns of Ancient Rome - in writing.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 4.** The Student will be able to : Critically assess the legacy, heritage, impact of the Roman Empire.

**ILO 4.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**HIST 16H HONORS INTRODUCTION TO ANCIENT ROME**

**SLO 1.** The Student will be able to: create and deliver to seminar participants a researched and evaluative examination of an assigned person, group of persons, or theme by lecture or shared paper.

**SLO 2.** The Student will be able to: recognize and assess the impact of individuals on the course of history - in writing.

**SLO 3.** The Student will be able to: critically assess the legacy, heritage, impact of the Roman Empire.

**SLO 4.** The Student will be able to: synthesize and analyze the major themes and patterns of Ancient Rome - in writing.

**HIST 17A HISTORY OF THE UNITED STATES TO 1816**

**SLO 1.** Demonstrate factual knowledge of important public figures, social, economic, cultural, political and intellectual developments in early American history.

	ILO 1. 4. Community/global consciousness and responsibility	
	SLO 2. Develop a historical analysis and support it using details and examples.	
	ILO 2. 1. Communication	
	SLO 3. Relate important historical events and patterns to current events and patterns and identify significant similarities and differences	
	ILO 3. 2. Creative, critical and analytical thinking	
HIST 17B	HISTORY OF THE UNITED STATES FROM 1812 TO 1914	
	SLO 1. Demonstrate factual knowledge of important public figures, social, economic, cultural, political and intellectual developments in 19th century United States history.	
	ILO 1. 4. Community/global consciousness and responsibility	
	SLO 2. Develop a historical analysis and support it using details and examples.	
	ILO 2. 1. Communication	
	SLO 3. Relate important historical events and patterns to current events and patterns and identify significant similarities and differences	
	ILO 3. 2. Creative, critical and analytical thinking	
HIST 17C	HISTORY OF THE UNITED STATES FROM 1900 TO THE PRESENT	No SLOs on file.
HIST 18	INTRODUCTION TO MIDDLE EASTERN CIVILIZATION	
	SLO 1. Analyze and explain the role of Islam in the development of culture and politics in the Middle East.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Discuss and explain patterns and themes (general and discrete) within the Middle East.	
	ILO 2. 1. Communication	
HIST 20	HISTORY OF RUSSIA & THE SOVIET UNION	
	SLO 1. Analyze the rise of Russia from a tribal society to a world power.	
	ILO 1. 4. Community/global consciousness and responsibility	
	SLO 2. Identify and assess the most significant themes in Russian history, focusing on culture, politics, and religion.	
	ILO 2. 2. Creative, critical and analytical thinking	
	SLO 3. Evaluate the role of the individual in the history of Russia.	
	ILO 3. 1. Communication	
HIST 34H	HONORS INSTITUTE SEMINAR IN HISTORY	No SLOs on file.
HIST 36	SPECIAL PROJECTS IN HISTORY	
	SLO 1. (NOTE: For Special Projects, there is no need to force a writing strategy. Can be oral or a volunteer project)	
	SLO – The student will be able to:	
	SLO 1: Form a critical thinking focus, assess complexities and patterns of issue/project covered with instructor and other students if appropriate.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. SLO 2: Improve mature research and/or information gathering ability.	
	ILO 2. 2. Creative, critical and analytical thinking	
	SLO 3. SLO 3: Achieve enhanced analytical abilities and include the importance of the topic to the discipline.	
	ILO 3. 2. Creative, critical and analytical thinking	
HIST 36X	SPECIAL PROJECTS IN HISTORY	No SLOs on file.
HIST 36Y	SPECIAL PROJECTS IN HISTORY	No SLOs on file.
HIST 36Z	SPECIAL PROJECTS IN HISTORY	No SLOs on file.

3 of 2 Course IDs for *HLTH* in the Biological and Health Sciences Division have SLO's.

2010-2011

Course ID	Title	SLO's
HLTH 21	HEALTH EDUCATION	<p><b>SLO 1.</b> Assess health behavior choices, apply that information to everyday life for the improvement of individual, family, and community well-being.</p> <p><b>ILO 1.</b> 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p> <p><b>SLO 2.</b> Identify preconceived ideas about knowledge, values, and behavior that affect health and compare with established research and accepted scientific evidence.</p> <p><b>ILO 2.</b> 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>
HLTH 55	EMERGENCY RESPONSE	<p><b>SLO 1.</b> Assess life-threatening conditions and give appropriate treatment to sustain life and reduce pain.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p> <p><b>SLO 2.</b> Score all testing at the 80% level in order to receive certificates in emergency response, CPRPR/AED, blood-borne pathogens/disease prevention, oxygen, epi-pen autoinjector, and asthma inhaler.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>

20 of 52 Course IDs for *HORT* in the Biological and Health Sciences Division have SLO's.

2010-2011

Course ID	Title	SLO's
HORT 10	ENVIRONMENTAL HORTICULTURE & THE URBAN LANDSCAPE	<p><b>SLO 1.</b> student will describe scientific method</p> <p><b>SLO 2.</b> demonstrate knowledge of the impact of urban activities on environmental systems</p>
HORT 50A	ORIENTATION TO ENVIRONMENTAL HORTICULTURE	<p><b>SLO 1.</b> demonstrate knowledge of career opportunities in the green industry through written examinations.</p> <p><b>SLO 2.</b> demonstrate knowledge of the environmental horticulture sciences, including plant terminology, on written examinations.</p>
HORT 51A	PLANT MATERIALS I	<p><b>SLO 1.</b> Identify trees presented by botanical and common names.</p> <p><b>SLO 2.</b> Compare and contrast tree features and cultural need.</p>
HORT 51B	PLANT MATERIALS II	No SLOs on file.
HORT 51C	PLANT MATERIALS: ANNUALS	No SLOs on file.
HORT 51D	PLANT MATERIALS: CALIFORNIA NATIVE PLANTS	No SLOs on file.
HORT 51E	PLANT MATERIALS: GROUND COVERS & VINES	<p><b>SLO 1.</b> Identify ground covers and vines presented by botanical and common names.</p> <p><b>SLO 2.</b> Compare and contrast ground cover and vine features and cultural need.</p>
HORT 51F	PLANT MATERIALS: BAMBOOS & PALMS	<p><b>SLO 1.</b> Identify bamboos and palms presented by botanical and common names.</p> <p><b>SLO 2.</b> Compare and contrast bamboo and palm features and cultural need.</p>

HORT 51G	PLANT MATERIALS: INTERIOR & TROPICAL PLANTS	No SLOs on file.
HORT 51H	PLANT MATERIALS: PERENNIALS & ANNUALS	
	SLO 1. Identify perennials and annuals presented by botanical and common names.	
	SLO 2. Compare and contrast perennial and annual features and cultural need.	
HORT 51J	PLANT MATERIALS: CACTI & SUCCULENTS	No SLOs on file.
HORT 52A	HORTICULTURAL PRACTICES: SOILS	
	SLO 1. Evaluate a soil by chemical and physical means.	
	SLO 2. Demonstrate a knowledge of terms and principles of soil chemistry, physics, and commercial management.	
HORT 52B	HORTICULTURAL PRACTICES: PLANT PROPAGATION	
	SLO 1. Demonstrate an understanding of the propagation methods used in commercial plant production.	
	SLO 2. Identify basic anatomy of various different types of seeds.	
HORT 52C	HORTICULTURE PRACTICES: PLANT INSTALLATION & MAINTENANCE	No SLOs on file.
HORT 52E	HORTICULTURAL PRACTICES: GREENHOUSE & NURSERY MANAGEMENT	No SLOs on file.
HORT 52F	HORTICULTURAL PRACTICES: INTERIORSCAPING	No SLOs on file.
HORT 52G	HORTICULTURAL PRACTICES: TURFGRASS MANAGEMENT	
	SLO 1. Identify common turf grasses.	
	SLO 2. Demonstrate methods of installing a lawn by sodding or seeding.	
HORT 52H	HORTICULTURE PRACTICES: INTEGRATED PEST MANAGEMENT	No SLOs on file.
HORT 54A	LANDSCAPE CONSTRUCTION: GENERAL PRACTICES	
	SLO 1. correctly identify tools used in landscape construction.	
	SLO 2. demonstrate, on manipulative examinations, the implementation of basic landscape construction projects using a variety of building materials and hardware.	
HORT 54B	LANDSCAPE CONSTRUCTION: TECHNICAL PRACTICES	
	SLO 1. demonstrate, on manipulative examinations, the correct use of surveying tools used in landscape construction projects.	
	SLO 2. demonstrate, on written examinations, knowledge of estimating techniques used in landscape construction.	
HORT 54C	LANDSCAPE CONSTRUCTION: IRRIGATION PRACTICES	
	SLO 1. identify the parts of an irrigation system (pipes and fittings, sprinkler heads, valves, backflow preventers, drip systems, and controllers).	
	SLO 2. program an irrigation time clock (controller) correctly.	
HORT 54D	LANDSCAPE CONSTRUCTION: APPLIED PRACTICES	No SLOs on file.
HORT 55A	GREEN INDUSTRY MANAGEMENT: BUSINESS PRACTICES	No SLOs on file.
HORT 55B	GREEN INDUSTRY MANAGEMENT: EMPLOYEE PRACTICES	No SLOs on file.
HORT 60A	LANDSCAPE DESIGN: GRAPHIC COMMUNICATION	
	SLO 1. demonstrate knowledge of the fundamentals of landscape design communication and landscape design process on class projects.	
	SLO 2. develop visual communication "thinking" skills through the completion of a sketchbook.	
HORT 60B	LANDSCAPE DESIGN: THEORY	
	SLO 1. exhibit an understanding of the elements and principles of landscape design theory through class projects.	
	SLO 2. demonstrate knowledge of intermediate graphic communication skills as they relate to landscape design problems through a series of projects.	

HORT 60C	LANDSCAPE DESIGN: IRRIGATION	
	SLO 1. develop an irrigation plan for a residential or small commercial irrigation system.	
	SLO 2. interpret irrigation drawings, details, and specifications.	
HORT 60D	LANDSCAPE DESIGN: PLANTING	No SLOs on file.
HORT 60E	LANDSCAPE DESIGN: COMPUTER APPLICATIONS	
	SLO 1. demonstrate knowledge of landscape design software command skills through development of an appropriate landscape design project.	
	SLO 2. utilize the terminology appurtenant to computer aided design software.	
HORT 60F	LANDSCAPE DESIGN: PROCESS	No SLOs on file.
HORT 60G	LANDSCAPE DESIGN: INTERMEDIATE COMPUTER APPLICATIONS	No SLOs on file.
HORT 80	ENVIRONMENTAL HORTICULTURE SKILLS	
	SLO 1. develop horticultural work skills under the guidance of a horticultural unit supervisor for an average of two hours per week.	
	SLO 2. explore industry associations and industry contacts for employment opportunities.	
HORT 90A	CONTAINER PLANTINGS IN THE LANDSCAPE	No SLOs on file.
HORT 90C	GARDEN PONDS & WATER FEATURES	
	SLO 1. Student will be able to install a water feature in the landscape.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. As part of a lab, students will be able to demonstrate knowledge of the main components required to design a garden water feature.	
	ILO 2. 2. Creative, critical and analytical thinking	
HORT 90E	HORTICULTURAL & LANDSCAPE PHOTOGRAPHY	No SLOs on file.
HORT 90F	LANDSCAPE DESIGN: BASIC PRINCIPLES	
	SLO 1. Demonstrate landscape design skills.	
	SLO 2. Exhibit understanding of design theory and process.	
HORT 90G	LANDSCAPE DESIGN FORUM	No SLOs on file.
HORT 90H	LANDSCAPE LIGHTING	No SLOs on file.
HORT 90I	LANDSCAPE SUSTAINABILITY PRACTICES	No SLOs on file.
HORT 90K	LANDSCAPING WITH EDIBLES	No SLOs on file.
HORT 90L	PLANT PROPAGATION: BASIC SKILLS	No SLOs on file.
HORT 90M	PLANT NUTRITION & FERTILIZATION	No SLOs on file.
HORT 90N	PLANT MATERIALS: FALL COLOR	
	SLO 1. Identify trees by botanical and common names.	
	SLO 2. Select plants for landscape use based on esthetic conditions.	
HORT 90P	PRUNING: BASIC SKILLS	No SLOs on file.
HORT 90Q	RESIDENTIAL IRRIGATION SYSTEMS	No SLOs on file.
HORT 90R	SEASONAL FLORAL DESIGN	No SLOs on file.
HORT 90S	SUSTAINABLE INTEGRATED PEST MANAGEMENT (IMP)	No SLOs on file.
HORT 90U	LANDSCAPE DESIGN: PERSPECTIVE SKETCHING	No SLOs on file.
HORT 90V	SUSTAINABLE ORGANIC GARDENING	No SLOs on file.
HORT 90X	XERISCAPING: CREATING WATER-CONSERVING LANDSCAPES	No SLOs on file.
HORT 90Y	CACTI & SUCCULENTS	No SLOs on file.
HORT 90Z	ORNAMENTAL GRASSES	No SLOs on file.

2 of 6 Course IDs for *HUMN* in the Language Arts Division have SLO's.

2010-2011

Course ID	Title	SLO's
HUMN 1A	HUMANITIES & THE MODERN EXPERIENCE I	
	<b>SLO 1.</b> Explain how the ideas and values of classical Greek culture are manifested in the artistic creations of the time.	
	<b>SLO 2.</b> Analyze how certain Judeo Christian values return in the artistic expressions of the Middle Ages.	
HUMN 1B	HUMANITIES & THE MODERN EXPERIENCE II	
	<b>SLO 1.</b> Explain how stylistic and thematic differences in aesthetic representation between Southern and Northern Renaissance artists reflected the paradigmatic shift brought on by the Reformation.	
	<b>SLO 2.</b> Analyze how philosophical ideas and cultural practices changed during the period of the Enlightenment.	
HUMN 34H	HONORS INSTITUTE SEMINAR IN HUMANITIES	No SLOs on file.
HUMN 36	SPECIAL PROJECTS IN HUMANITIES	No SLOs on file.
HUMN 36X	SPECIAL PROJECTS IN HUMANITIES	No SLOs on file.
HUMN 36Y	SPECIAL PROJECTS IN HUMANITIES	No SLOs on file.

17 of 17 Course IDs for *JAPN* in the Language Arts Division have SLO's. 2010-2011

Course ID	Title	SLO's
JAPN 1	ELEMENTARY JAPANESE I	
	<b>SLO 1.</b> Introduce oneself, greet, ask and answer simple questions related to daily familiar topics.	
	<b>ILO 1. 1.</b> Communication	
	<b>SLO 2.</b> Recognize oral and written messages, and produce sentences, orally and in writing, on the daily familiar topics.	
	<b>ILO 2. 1.</b> Communication	
JAPN 2	ELEMENTARY JAPANESE II	
	<b>SLO 1.</b> Produce sentences, orally and in writing based on daily familiar vocabulary and functions.	
	<b>ILO 1. 1.</b> Communication	
	<b>SLO 2.</b> Describe people and things, and express likes/dislikes.	
	<b>ILO 2. 1.</b> Communication	
JAPN 3	ELEMENTARY JAPANESE III	
	<b>SLO 1.</b> Construct conditional statements, suppositions and comparative/superlative statements.	
	<b>ILO 1. 1.</b> Communication	
	<b>SLO 2.</b> Summarize and retell stories orally and in writing, including direct and indirect quotations in the past and present tenses.	
	<b>ILO 2. 1.</b> Communication	
JAPN 4	INTERMEDIATE JAPANESE I	
	<b>SLO 1.</b> Demonstrate knowledge of correct language in appropriate situations, i.e., differentiate socio-linguistic features of speech, such as in-group/out-group, intimate/distal, feminine and masculine languages.	
	<b>ILO 1. 1.</b> Communication	
	<b>SLO 2.</b> Construct sentences using idiomatic expressions on various topics beyond daily needs.	
	<b>ILO 2. 1.</b> Communication	
JAPN 5	INTERMEDIATE JAPANESE II	
	<b>SLO 1.</b> Perform with more acceptable ability in differentiating socio-linguistic features of speech. Sustain more lengthy conversations, discussing topics beyond basic needs.	



ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

SLO 2. Construct sentences using more complex structures and noun modifier clauses.

ILO 2. 1. Communication

JAPN 6 INTERMEDIATE JAPANESE III

SLO 1. Demonstrate further competency in correct language usage in different socio-linguistic features of speech, e.g., honorifics, intimate/distal, formal/informal, feminine and masculine languages.

ILO 1. 1. Communication

SLO 2. Demonstrate skills of exchanging spontaneous and unpredictable conversations. State and support one's opinions.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

JAPN 13A INTERMEDIATE CONVERSATION I

SLO 1. Interpret speech of native speakers on general, familiar topics at a normal rate of speech.

SLO 2. Express feelings, opinions, and intentions. Argue, evaluate, and request with fluency.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

JAPN 13B INTERMEDIATE CONVERSATION II

SLO 1. Interpret speech of native speakers on a wide range of topics at a normal rate of speech.

ILO 1. 1. Communication

SLO 2. Analyzes historical and cultural differences. Talk intelligently and accurately about a wide range of topics related to daily life.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking

JAPN 14A ADVANCED CONVERSATION I

SLO 1. Analyze historical and cultural differences. Apply appropriate language and cultural skills in order to be at ease when discussing any topic in an informal manner.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking

SLO 2. Differentiate socio-linguistic features of speech, such as honorifics, in-group/out-group, male/female, and formal/informal.

ILO 2. 1. Communication

JAPN 14B ADVANCED CONVERSATION II

SLO 1. Analyze historical and cultural differences. Express, support and discuss their opinions and individual perceptive with native speakers, with a high level of fluency on a wide range of topics, in a clearly participatory fashion.

ILO 1. 1. Communication 2. Creative, critical and analytical thinking

SLO 2. Apply advanced skills in expressing cultural messages, and use in an appropriate manner: male/female speech, formal/informal styles, and honorifics (including in-group/out-group terms).

ILO 2. 1. Communication

JAPN 23 MODERN JAPANESE SOCIETY, CULTURE & BUSINESS CUSTOMS

SLO 1. Differentiate socio-linguistic features of speech, such as honorifics (respectful and humble forms), "uchi" vs. "soto" (in-group/out-group), male/female speech styles, and formal/informal styles.

ILO 1. 1. Communication

SLO 2. Apply appropriate language and cultural skills in order to be at ease when discussing various topics related to Japanese history, literature, religion, philosophy, culture and customs.

ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

JAPN 25A ADVANCED COMPOSITION & READING I

- SLO 1.** Appreciate of human life and current trend by reading and analyzing reading materials on Japanese culture and current issues.
- ILO 1.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2.** Demonstrate further competency in understanding correct language usage in different writing styles. Also demonstrate higher control of appropriate vocabulary, styles, and syntactical structures in writing.
- ILO 2.** 1. Communication
- JAPN 25B** ADVANCED COMPOSITION & READING II
- SLO 1.** Interpret and distinguish subtle nuances and style differences in a wide range of reading materials.
- SLO 2.** Demonstrate higher control of appropriate vocabulary, styles, and syntactical structures. Also demonstrate more confidence and ability to use correct language and styles for different types of writing.
- JAPN 33** INTRODUCTION TO JAPANESE CULTURE
- SLO 1.** Contrast concepts and behavior of Japanese culture with comparable aspects of American or Western concepts and behavior.
- SLO 2.** Analyze textual examples of the manifestation of Zen and Confucian concepts.
- JAPN 53** MODERN JAPANESE SOCIETY, CULTURE & BUSINESS CUSTOMS
- SLO 1.** Differentiate socio-linguistic features of speech, such as honorifics (respectful and humble forms), "uchi" vs. "soto" (in-group/out-group), male/female speech styles, and formal/informal styles.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking
- SLO 2.** Apply appropriate language and cultural skills in order to be at ease when discussing various topics related to business.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking
- JAPN 63** JAPANESE BUSINESS CULTURE & ETIQUETTE
- SLO 1.** Differentiate socio-linguistic features of speech, such as honorifics (respectful and humble forms), "uchi" vs. "soto" (in-group/out-group), male/female speech styles, and formal/informal styles.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking
- SLO 2.** Apply appropriate language and cultural skills in order to be at ease when discussing various topics related to business.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking
- JAPN 192** COMMUNITY SERVICE LEARNING FOR JAPANESE
- SLO 1.** Demonstrate effective tutoring skills, including cross-cultural communication.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2.** Demonstrate effective reporting techniques.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

0 of 27 Course IDs for *JRYM* in the Computers, Technology & Information Systems Division have SLO's. 2010-2011

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0 of 7 Course IDs for *L A* in the Language Arts Division have SLO's. 2010-2011

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1 of 1 Course IDs for *LIBR* in the Language Arts Division have SLO's.

2010-2011

Course ID	Title	SLO's
LIBR 10	RESEARCH PAPER SEARCH STRATEGIES	No SLOs on file.

4 of 90 Course IDs for *LINC* in the Computers, Technology & Information Systems Division have SLO's.

2010-2011

Course ID	Title	SLO's
LINC 50	TECHNOLOGY IN THE K-12 CLASSROOM I	
	SLO 1. The student will be able to integrate classroom-based hardware and software into the teaching and learning environment.	
	SLO 2. The student will be able to integrate Web 2.0, internet-based applications for presentation, collaboration, or communication into the teaching and learning environment.	
	SLO 3. The student will be able to interpret and discriminate information delivered on the Internet.	
	SLO 4. The student will be able to utilize online collaboration tools to facilitate learning.	
	SLO 5. The student will be able to utilize web-based tools for finding resources for teaching and learning.	
	SLO 6. The student will be able to manage the use of technology for project work in the classroom.	
	SLO 7. The student will be able to develop a lesson plan that incorporates the use of technology.	
	SLO 8. The student will be able to develop complex projects that utilize multiple technologies and modes of communication.	
LINC 50A	TECHNOLOGY IN THE K-12 CLASSROOM II	No SLOs on file.
LINC 50B	TECHNOLOGY IN THE K-12 CLASSROOM III	
	SLO 1. Demonstrate competence with classroom-based audio/visual hardware	
	SLO 2. Manage the use of technology for project work in the classroom	
	SLO 3. Develop a lesson plan that incorporates the use of technology	
LINC 50F	INTEGRATING TECHNOLOGY INTO A STANDARDS-BASED CURRICULUM I	
	SLO 1. Summarize the goal of the ISTE Technology Standards	
	SLO 2. Describe project based learning	
	SLO 3. Describe the changing nature of what is taught and how it is taught in the classroom	
	SLO 4. Integrate technology tools into the classroom	
	SLO 5. Design a student project that meets technology standards	
	SLO 6. Integrate a standards-based student-centered technology project into the classroom	
	SLO 7. Design assessment tools for projects	
	SLO 8. Explain techniques on how to teach students to mine Internet resources safely and effectively	
LINC 51	INTEGRATING TECHNOLOGY INTO LANGUAGE ARTS	No SLOs on file.
LINC 51A	INTEGRATING TECHNOLOGY INTO LANGUAGE ARTS K-5	No SLOs on file.
LINC 51B	INTEGRATING TECHNOLOGY INTO LANGUAGE ARTS 6-8	No SLOs on file.
LINC 52	INTEGRATING TECHNOLOGY INTO SCIENCE	No SLOs on file.
LINC 52A	INTEGRATING TECHNOLOGY INTO SCIENCE K-5	No SLOs on file.
LINC 52B	INTEGRATING TECHNOLOGY INTO SCIENCE 6-8	No SLOs on file.
LINC 53	INTEGRATING TECHNOLOGY INTO MATHEMATICS	No SLOs on file.
LINC 53A	INTEGRATING TECHNOLOGY INTO MATHEMATICS K-5	No SLOs on file.
LINC 53B	INTEGRATING TECHNOLOGY INTO MATHEMATICS 6-8	No SLOs on file.
LINC 54	INTEGRATING TECHNOLOGY INTO SOCIAL STUDIES	No SLOs on file.

LINC 54A	INTEGRATING TECHNOLOGY INTO SOCIAL STUDIES K-12	No SLOs on file.
LINC 54B	INTEGRATING TECHNOLOGY INTO SOCIAL STUDIES 6-8	No SLOs on file.
LINC 55B	TEACHING MATH & SCIENCE WITH TECHNOLOGY	No SLOs on file.
LINC 58	GLOBAL PROJECT-BASED LEARNING	No SLOs on file.
LINC 58A	E-PORTFOLIOS	No SLOs on file.
LINC 58B	CHOOSING THE BEST MEDIA FOR PROJECTS	No SLOs on file.
LINC 60K	GAME-BASED LEARNING	No SLOs on file.
LINC 61A	MICROSOFT OFFICE	No SLOs on file.
LINC 61C	IWORK I	No SLOs on file.
LINC 62	MICROSOFT WORD I	No SLOs on file.
LINC 62A	MICROSOFT WORD II	No SLOs on file.
LINC 62B	MICROSOFT WORD III	No SLOs on file.
LINC 63	MICROSOFT EXCEL OVERVIEW	No SLOs on file.
LINC 63A	MICROSOFT EXCEL I	No SLOs on file.
LINC 63B	MICROSOFT EXCEL II	No SLOs on file.
LINC 64	MICROSOFT POWERPOINT	No SLOs on file.
LINC 66	INTRODUCTION TO THE INTERNET	No SLOs on file.
LINC 66A	INTRODUCTION TO THE INTERNET I	No SLOs on file.
LINC 66B	INTRODUCTION TO THE INTERNET II	No SLOs on file.
LINC 66C	SEARCHING & RESEARCHING THE INTERNET FOR EDUCATORS	No SLOs on file.
LINC 66D	PODCASTING	No SLOs on file.
LINC 66E	INTRODUCTION TO BLOGS & WIKIS	No SLOs on file.
LINC 70	WEB PAGE DESIGN OVERVIEW	No SLOs on file.
LINC 70A	WEB PAGE DESIGN I	No SLOs on file.
LINC 70B	WEB PAGE DESIGN II	No SLOs on file.
LINC 72A	ADOBE ACROBAT I	No SLOs on file.
LINC 72B	INDESIGN OVERVIEW	No SLOs on file.
LINC 72C	ADOBE INDESIGN I	No SLOs on file.
LINC 72D	ADOBE INDESIGN II	No SLOs on file.
LINC 73	ADOBE PHOTOSHOP OVERVIEW	No SLOs on file.
LINC 73A	ADOBE PHOTOSHOP I	No SLOs on file.
LINC 73B	ADOBE PHOTOSHOP II	No SLOs on file.
LINC 73D	ADOBE PHOTOSHOP ELEMENTS OVERVIEW	No SLOs on file.
LINC 73E	ADOBE PHOTOSHOP ELEMENTS I	No SLOs on file.
LINC 73F	ADOBE PHOTOSHOP ELEMENTS II	No SLOs on file.
LINC 73H	ADOBE ILLUSTRATOR OVERVIEW	No SLOs on file.
LINC 73I	ADOBE ILLUSTRATOR I	No SLOs on file.
LINC 73J	ADOBE ILLUSTRATOR II	No SLOs on file.
LINC 74	ADOBE DREAMWEAVER OVERVIEW	No SLOs on file.
LINC 74A	ADOBE DREAMWEAVER I	No SLOs on file.
LINC 74B	ADOBE DREAMWEAVER II	No SLOs on file.
LINC 76	CREATING EDUCATIONAL WEB SITES	No SLOs on file.
LINC 76A	CREATING EDUCATIONAL WEB SITES I	No SLOs on file.
LINC 76AS	CREATING EDUCATIONAL WEB SITES I	No SLOs on file.
<p>SLO 1. 1. Identify the interface and tools of Adobe Dreamweaver</p> <p>SLO 2. 2. Setup web site, site management, and folder organization scheme</p> <p>SLO 3. 3. Create templates for web site project</p> <p>SLO 4. 4. Build web site with cascading style sheets</p> <p>SLO 5. 5. Publish to the Web</p>		
LINC 76B	CREATING EDUCATIONAL WEB SITES II	No SLOs on file.
LINC 76C	CREATING WEB QUESTS	No SLOs on file.
LINC 79	MULTIMEDIA PROJECT PRODUCTION	No SLOs on file.
LINC 80	MULTIMEDIA OVERVIEW	No SLOs on file.

LINC 80A	MULTIMEDIA IN THE CLASSROOM	No SLOs on file.
LINC 80B	MULTIMEDIA IN THE CLASSROOM I	No SLOs on file.
LINC 81	USING DIGITAL IMAGES	No SLOs on file.
LINC 81A	USING DIGITAL IMAGES I	No SLOs on file.
LINC 81B	ADOBE FIREWORKS OVERVIEW	No SLOs on file.
LINC 81C	ADOBE FIREWORKS I	No SLOs on file.
LINC 81D	ADOBE FIREWORKS II	No SLOs on file.
LINC 83A	ADOBE PREMIER	No SLOs on file.
LINC 83C	IMOVIE	No SLOs on file.
LINC 83F	MOVIEWORKS	No SLOs on file.
LINC 85A	ADOBE FLASH I	No SLOs on file.
LINC 85B	ADOBE FLASH II	No SLOs on file.
LINC 85C	ADOBE FLASH OVERVIEW	No SLOs on file.
LINC 86	VIDEO PODCASTING OVERVIEW	No SLOs on file.
LINC 86A	VIDEO PODCASTING I	No SLOs on file.
LINC 86B	VIDEO PODCASTING II	No SLOs on file.
LINC 90A	WEBINARS	No SLOs on file.
LINC 90B	OPEN EDUCATION RESOURCES	No SLOs on file.
LINC 90C	ONLINE COLLABORATION TOOLS	No SLOs on file.
LINC 93B	ASSISTIVE TECHNOLOGY & UNIVERSAL ACCESS	No SLOs on file.
LINC 95A	CHILD SAFETY, INTERNET ETHICS & CYBER LAW	No SLOs on file.
LINC 95B	TECHNOLOGY ETHICS & CYBER LAW	No SLOs on file.
LINC 95C	ASSESSMENT STRATEGIES FOR TECHNOLOGY INTEGRATION	No SLOs on file.
LINC 96B	HANDHELD DIGITAL MEDIA DEVICES I	No SLOs on file.
LINC 96C	HANDHELD DIGITAL MEDIA DEVICES II	No SLOs on file.
LINC 98	TEACHING & LEARNING IN THE DIGITAL AGE	No SLOs on file.
LINC 98A	TEACHING & LEARNING IN THE DIGITAL AGE I	No SLOs on file.
LINC 98B	TEACHING & LEARNING IN THE DIGITAL AGE II	No SLOs on file.

16 of 39 Course IDs for *MATH* in the Physical Sciences, Mathematics & Engineering Division have SLO's.

2010-2011

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Course ID	Title	SLO's
MATH 1A	CALCULUS	
	SLO 1. Analyze graphs using the first and second derivatives.	
	SLO 2. Apply techniques of differentiation.	
	SLO 3. Interpret and estimate the derivative.	
MATH 1B	CALCULUS	
	SLO 1. Find antiderivatives graphically and analytically.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Evaluate and approximate definite integrals.	
	ILO 2. 2. Creative, critical and analytical thinking	
	SLO 3. Analyze geometric and physical situations to obtain Riemann sums, and interpret and evaluate them as definite integrals.	
	ILO 3. 2. Creative, critical and analytical thinking	
MATH 1C	CALCULUS	
	SLO 1. Use power series to represent functions.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Differentiate functions of more than one variable, including the directional derivative, the gradient, and the Chain Rule.	
	ILO 2. 2. Creative, critical and analytical thinking	

**SLO 3.** Optimize functions of more than one variable for both constrained and unconstrained optimization problems.

**ILO 3.** 2. Creative, critical and analytical thinking

**MATH 1D**                      **CALCULUS**

**SLO 1.** Evaluate and interpret double and triple integrals.

**ILO 1.** 2. Creative, critical and analytical thinking    3. Computation

**SLO 2.** Evaluate line integrals and flux integrals.

**ILO 2.** 2. Creative, critical and analytical thinking    3. Computation

**SLO 3.** Demonstrate an understanding of important theorems in vector calculus such as:

- path independence,
- Green's theorem,
- Stokes' theorem,
- and the divergence theorem.

**ILO 3.** 2. Creative, critical and analytical thinking    3. Computation

**MATH 2A**                      **DIFFERENTIAL EQUATIONS**

**SLO 1.** Solve differential equations with appropriate analytic techniques.

**SLO 2.** Approximate solutions to differential equations with appropriate numeric techniques.

**SLO 3.** Verify solutions to differential equations analytically, numerically, graphically, and qualitatively.

**MATH 2B**                      **LINEAR ALGEBRA**

**SLO 1.** Student will be able to identify various vector spaces.

**SLO 2.** Student will be able to find a basis for a vector space.

**SLO 3.** Student will be able to recognize a linear transformation.

**MATH 10**                      **ELEMENTARY STATISTICS**

**SLO 1.** The student will be able to distinguish between quantitative and qualitative data; sample and population; descriptive statistics and inferential statistics.

**SLO 2.** The student will be able to read a graph and conclude what information the graph is conveying about the data.

**SLO 3.** The student will be able to calculate measures of central tendency, dispersion and relative standing and use these measures to solve application problems.

**SLO 4.** The student will be able to compute basic probabilities.

**MATH 11**                      **FINITE MATHEMATICS**

**SLO 1.** Student will be able to use financial math to compute the interest.

**SLO 2.** Student will be able to find the probability of various events.

**SLO 3.** Student will be able to use linear programming to optimize a function.

**MATH 12**                      **CALCULUS FOR BUSINESS & ECONOMICS**

**SLO 1.** demonstrate understanding of elementary ideas of rates of change and the derivative

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** demonstrate understanding of elementary ideas of accumulated change and the definite integral

**ILO 2.** 2. Creative, critical and analytical thinking

**MATH 17**                      **INTEGRATED STATISTICS II**

No SLOs on file.

**MATH 22**                      **DISCRETE MATHEMATICS**

No SLOs on file.

**MATH 34H**                      **HONORS INSTITUTE SEMINAR IN MATHEMATICS**

No SLOs on file.

**MATH 36**                      **SPECIAL PROJECTS IN MATHEMATICS**

No SLOs on file.

**MATH 36X**                      **SPECIAL PROJECTS IN MATHEMATICS**

No SLOs on file.

**MATH 36Y**                      **SPECIAL PROJECTS IN MATHEMATICS**

No SLOs on file.

**MATH 44**                      **MATH FOR THE LIBERAL ARTS**

SLO 1. Investigate problems analytically, numerically, graphically, and verbally.

SLO 2. Interpret the output of a mathematical model in qualitative context.

SLO 3. Justify the reasonableness of a mathematical outcome in qualitative context.

MATH 48A            PRECALCULUS I            No SLOs on file.

MATH 48B            PRECALCULUS II            No SLOs on file.

MATH 48C            PRECALCULUS III            No SLOs on file.

MATH 49            PRECALCULUS

SLO 1. Be able to distinguish between linear, power, and exponential models.

SLO 2. Recognize and apply shifts, stretches, and reflections to graphs of functions.

SLO 3. Recognize the relationship between the graph of a polynomial or rational function and its respective mathematical equation.

SLO 4. Demonstrate an understanding of functions and investigate the implications of a function.

ILO 4. 2. Creative, critical and analytical thinking

SLO 5. Understand and compute rates of change.

ILO 5. 2. Creative, critical and analytical thinking

MATH 51            TRIGONOMETRY            No SLOs on file.

MATH 100            OPEN COMPUTER LABORATORY

SLO 1. The students will be able to use analysis to set up and solve numerical problems.

ILO 1. 3. Computation

MATH 100X            OPEN COMPUTER LABORATORY

SLO 1. The students will be able to use analysis to set up and solve numerical problems.

ILO 1. 3. Computation

SLO 2. Student will spend the appropriate amount of time in PSME Center working on skills.

ILO 2. 2. Creative, critical and analytical thinking

MATH 100Y            OPEN COMPUTER LABORATORY

SLO 1. The students will be able to use analysis to set up and solve numerical problems.

ILO 1. 3. Computation

SLO 2. Student will spend the appropriate amount of time in PSME Center working on skills.

ILO 2. 2. Creative, critical and analytical thinking

MATH 105            INTERMEDIATE ALGEBRA

SLO 1. Identify the key features of a quadratic function:

- Axis
- Intercepts
- Vertex

ILO 1. 2. Creative, critical and analytical thinking

SLO 2. Identify functional relationships and use function notation.

ILO 2. 2. Creative, critical and analytical thinking

SLO 3. Solve quadratic equations by factoring, completing the square and the quadratic formula.

ILO 3. 2. Creative, critical and analytical thinking

MATH 108            ACCELERATED ALGEBRA            No SLOs on file.

MATH 217            INTEGRATED STATISTICS I            No SLOs on file.

MATH 220            ELEMENTARY ALGEBRA            No SLOs on file.

MATH 221            ACTIVITIES FOR MASTERY OF BEGINNING ALGEBRA CONCEPTS            No SLOs on file.

MATH 224            ELEMENTARY ALGEBRA: SUMMER EDITION            No SLOs on file.

MATH 230            PREPARING FOR ALGEBRA

SLO 1. Able to do four operation arithmetic on real numbers without the aid of a calculator including order of operations.

ILO 1. 2. Creative, critical and analytical thinking 3. Computation



- SLO 2. Able to use the five step process to solve story problems.  
 ILO 2. 2. Creative, critical and analytical thinking  
 SLO 3. Able to solve linear equations.  
 ILO 3. 2. Creative, critical and analytical thinking  
 SLO 4. Able to solve application problems involving proportional reasoning  
 ILO 4. 2. Creative, critical and analytical thinking  
 SLO 5. Able to solve application problems involving percents  
 ILO 5. 2. Creative, critical and analytical thinking  
 SLO 6. Able to calculate perimeter and area of basic geometric shapes  
 ILO 6. 2. Creative, critical and analytical thinking

MATH 230J	PREPARING FOR ALGEBRA	No SLOs on file.
MATH 230X	ARITHMETIC PREPARATION	No SLOs on file.
MATH 231	MATH-SPECIFIC STUDY SKILLS	No SLOs on file.
MATH 234	PREPARING FOR ALGEBRA: SUMMER EDITION	No SLOs on file.
MATH 235	ALTERNATE CREDIT ARITHMETIC & MATHEMATICAL DEVELOPMENT	No SLOs on file.
MATH 236	ALTERNATE CREDIT ARITHMETIC & MATHEMATICAL DEVELOPMENT: SUMMER EDITION	No SLOs on file.
MATH 238	PREPARING FOR ALGEBRA	No SLOs on file.
MATH 300	PREPARATION FOR ARITHMETIC	No SLOs on file.

42 of 65 Course IDs for *MUS* in the Fine Arts and Communication Division have SLO's. 2010-2011

Course ID	Title	SLO's
MUS 1	INTRODUCTION TO MUSIC	<p>SLO 1. Explain how music is a reflection of the historical, sociological, and political circumstances that surround it.</p> <p>SLO 2. Demonstrate a basic knowledge of musical instruments and their functions.</p>
MUS 2A	GREAT COMPOSERS & MUSIC MASTERPIECES OF WESTERN CIVILIZATION	<p>SLO 1. Demonstrate an understanding of Western music between the years 1400BCE to 1750 CE as a reflection of its societal/historical context.</p> <p>SLO 2. Discriminate--via an understanding of such musical elements as melody, harmony, rhythm, and form—between various musical styles (e.g., Medieval, Renaissance, Baroque).</p>
MUS 2B	GREAT COMPOSERS & MUSIC MASTERPIECES OF WESTERN CIVILIZATION	<p>SLO 1. Demonstrate an understanding of Western music between the years 1750CE to 1825 CE as a reflection of its societal/historical context.</p> <p>SLO 2. Discriminate--via an understanding of such musical elements as melody, harmony, rhythm, and form—between various musical styles (Classical, Romantic).</p>
MUS 2C	GREAT COMPOSERS & MUSIC MASTERPIECES OF WESTERN CIVILIZATION	<p>SLO 1. Demonstrate an understanding of Western music written between the years 1825CE to the present as a reflection of its societal/historical context.</p> <p>SLO 2. Discriminate--via an understanding of such musical elements as melody, harmony, rhythm, and form—between various musical styles (e.g., Romantic, Impressionism, Modern).</p>
MUS 2D	WORLD MUSIC: ROOTS TO CONTEMPORARY GLOBAL FUSION	

		<p><b>SLO 1.</b> Demonstrate an understanding of non-Western (“world”) music as a reflection of its societal, cultural and historical context.</p> <p><b>ILO 1.</b> 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p> <p><b>SLO 2.</b> Discriminate - via an understanding of such musical elements as melody, harmony, rhythm, form, and texture - between various styles from different non-Western cultural contexts.</p> <p><b>ILO 2.</b> 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>
MUS 3A	BEGINNING MUSIC THEORY, LITERATURE & COMPOSITION	No SLOs on file.
MUS 3B	INTERMEDIATE MUSIC THEORY, LITERATURE & COMPOSITION	No SLOs on file.
MUS 3C	ADVANCED MUSIC THEORY, LITERATURE & COMPOSITION	No SLOs on file.
MUS 7	CONTEMPORARY MUSICAL STYLES: ROCK, POP & JAZZ	<p><b>SLO 1.</b> Successful students will be able to classify rock and roll by identifying song structures and literary devices as they analyze lyric sheets and listen to music from the early 1900's to present day.</p> <p><b>SLO 2.</b> Through research, review, and reflection, successful students will be able to specify how rock, pop, and jazz have influenced new artists, and other styles of music, from early rural blues to urban hip-hop.</p>
MUS 7D	CONTEMPORARY MUSICAL STYLES: THE BEATLES IN THE CULTURE OF POPULAR MUSIC	No SLOs on file.
MUS 7E	HISTORY OF THE BLUES	<p><b>SLO 1.</b> Successful students will be classifying the blues to identify song structures, literary devices, and regional influences, as they analyze lyrics and listen to music from the female classic blues singers to contemporary blues musicians.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p> <p><b>SLO 2.</b> Through research, review, and reflection, successful students will be able to specify how the blues have influenced musical styles, and new artists, from the roots of African American music to jazz and urban hip-hop.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>
MUS 8	MUSIC OF MULTICULTURAL AMERICA	<p><b>SLO 1.</b> Identify the key elements that shaped the historical context and assimilation experience of five broad constituent groups: Native Americans, European Americans, African Americans, Chicano/Latino Americans, and Asian Americans.</p> <p><b>SLO 2.</b> Identify how various American music genres (e.g., spirituals, Urban Folk Revival, gospel, blues, jazz, Cajun, zydeco, Tejano, Salsa, hip-hop, rap, rock n' roll, and so forth) reflect the “root” music traditions of the constituent group and the historical context in which the genre developed.</p> <p><b>SLO 3.</b> Define the following music genres (blues, jazz, gospel, Cajun, zydeco, Country music, Urban Folk Revival, Rock 'n' Roll, Soul, Motown, Funk, Salsa, Reggae, Tejano, Banda, Hip-Hop and Rap) in terms of structural characteristics (rhythm, melody, harmony, texture, instrumentation and form).</p>
MUS 8H	HONORS MUSIC OF MULTICULTURAL AMERICA	
MUS 10	MUSIC FUNDAMENTALS	<p><b>SLO 1.</b> The successful student will be able to hear the differences between simple and compound time signatures.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility</p>

**SLO 2.** The successful student will apply the fundamentals of music theory (meter, composition, major and minor scales, key signatures, and triads) as they listen to pop or classical music.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 3.** The successful student will be able to spell in standard notation the major and three forms of minor scales in all keys.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

MUS 11A JAZZ & SWING No SLOs on file.

MUS 11B FUNK, FUSION & HIP-HOP No SLOs on file.

MUS 11C SALSA & LATIN JAZZ No SLOs on file.

MUS 12A BEGINNING CLASS PIANO

**SLO 1.** The student will be able to play easy songs and piano literature from a variety of cultures with hands together, accurately, with good tone.

**SLO 2.** The student will be able to read and transpose simple piano music at sight in a variety of keys.

MUS 12B INTERMEDIATE CLASS PIANO

MUS 12C ADVANCED CLASS PIANO

No SLOs on file.

MUS 13A CLASS VOICE I

**SLO 1.** Understand and apply basic methods of vocal production.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** Apply proper singing techniques to public performance.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

MUS 13B CLASS VOICE II

**SLO 1.** Understand and apply basic methods of vocal production.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** Apply proper singing techniques to public performance.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

MUS 13C CLASS VOICE III

**SLO 1.** Understand and apply basic methods of vocal production.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** Apply proper singing techniques to public performance.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

MUS 14A BEGINNING CLASSICAL GUITAR

**SLO 1.** Successful students will be able to identify notes and play in the first position at a beginning level.

**SLO 2.** Successful students will be able to use right and left hand techniques to demonstrate their comprehension of rest strokes, free strokes, scales, and single line melodies.

MUS 14B INTERMEDIATE CLASSICAL GUITAR

**SLO 1.** Successful students will be able to identify notes and play in the first position at an intermediate level.

**SLO 2.** Successful students will be able to use right and left hand techniques to demonstrate their comprehension of rest strokes, free strokes, scales, and intermediate melodies.

MUS 14C ADVANCED CLASSICAL GUITAR

**SLO 1.** Successful students will be able to identify notes and play in the first position at an advanced level.

**SLO 2.** Successful students will be able to use right and left hand techniques to demonstrate their comprehension of rest strokes, free strokes, scales, and more advanced melodies.

MUS 15A	BEGINNING FOLK GUITAR	
	<b>SLO 1.</b> The successful student will be able to apply music theory as they perform beginning fingerpicking styles and categorize chords into primary and secondary triads.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Successful students will be able to make a comparison of folk and pop melodies based on an understanding of beginning right and left hand techniques.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
MUS 15B	INTERMEDIATE FOLK GUITAR	No SLOs on file.
MUS 15C	ADVANCED FOLK GUITAR	No SLOs on file.
MUS 18	MUSIC PUBLISHING FOR SONGWRITERS	
	<b>SLO 1.</b> Demonstrate an understanding of the Music Publishing Business.	
	<b>ILO 1.</b> 2. Creative, critical and analytical thinking	
	<b>SLO 2.</b> Analyze the legitimacy of Music Publishers and publishing agreements.	
	<b>ILO 2.</b> 2. Creative, critical and analytical thinking	
	<b>SLO 3.</b> Describe aspects and options of various publishing agreements.	
	<b>ILO 3.</b> 2. Creative, critical and analytical thinking	
MUS 27	SYMPHONY & CONCERTO	No SLOs on file.
MUS 34H	HONORS INSTITUTE SEMINAR IN MUSIC	No SLOs on file.
MUS 35A	SPECIAL PROJECTS IN MUSIC	No SLOs on file.
MUS 35B	SPECIAL PROJECTS IN MUSIC TECHNOLOGY	No SLOs on file.
MUS 41	LIVE MUSIC PERFORMANCE WORKSHOP	No SLOs on file.
MUS 50A	MUSIC BUSINESS	
	<b>SLO 1.</b> Students can apply their knowledge of publishing rights to examine contracts.	
	<b>SLO 2.</b> Describe the development of music distribution from the earliest sound recordings to digital downloads.	
MUS 50B	ENTERTAINMENT LAW & NEW MEDIA	
	<b>SLO 1.</b> Describe and discuss the principles of copyright law as it applies to the Internet.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking	
	<b>SLO 2.</b> Analyze business models in online marketing and the new media field.	
	<b>ILO 2.</b> 2. Creative, critical and analytical thinking 3. Computation	
MUS 50C	CAREERS IN MUSIC	No SLOs on file.
MUS 56	COMPOSING & ARRANGING WITH SIBELIUS	No SLOs on file.
MUS 58A	SONGWRITER'S WORKSHOP I	
	<b>SLO 1.</b> Compare and contrast songwriting styles.	
	<b>SLO 2.</b> Evaluate songs in a collaborative learning environment.	
	<b>SLO 3.</b> Illustrate an understanding of song construction by being able to discuss the various components that make up a song.	
	<b>SLO 4.</b> Create original song compositions that support the basic premises of modern song styling.	
MUS 58B	SONGWRITER'S WORKSHOP II	
	<b>SLO 1.</b> Compare and contrast modern songwriting styles.	
	<b>SLO 2.</b> Evaluate songs in a collaborative writing atmosphere.	
	<b>SLO 3.</b> Illustrate an understanding of song construction by being able to discuss the various components that make up a song.	
	<b>SLO 4.</b> Create original song compositions that support the basic premises of modern song styling.	
MUS 58C	SONGWRITER'S WORKSHOP III	

- SLO 1. Compare and contrast modern songwriting styles
- SLO 2. Evaluate songs in a collaborative writing atmosphere.
- SLO 3. Illustrate an understanding of song construction by being able to discuss the various components that make up a song.
- SLO 4. Create original song compositions that support the basic premises of modern song styling.

MUS 60A                      PRODUCING IN THE HOME STUDIO I

- SLO 1. Design an acoustic environment in an alternative space.
  - ILO 1. 2. Creative, critical and analytical thinking
- SLO 2. Create a recording/production system using computer based software and hardware.
  - ILO 2. 2. Creative, critical and analytical thinking

MUS 60B                      PRODUCING IN THE HOME STUDIO II

- SLO 1. Design an acoustic environment in an alternative space.
  - ILO 1. 2. Creative, critical and analytical thinking 3. Computation
- SLO 2. Create a recording/production system using computer based software and hardware.
  - ILO 2. 2. Creative, critical and analytical thinking

MUS 62                      SOUND REINFORCEMENT & LIVE RECORDING

No SLOs on file.

MUS 66A                      INTRODUCTION TO DIGITAL AUDIO: PRO TOOLS

- SLO 1. Write original compositions using a midi/audio workstation.
  - ILO 1. 2. Creative, critical and analytical thinking
- SLO 2. Create unique programming/sequencing that includes the linking of patterns into a musical composition, and the inclusion of audio files as an integral element.
  - ILO 2. 2. Creative, critical and analytical thinking

MUS 66B                      INTRODUCTION TO DIGITAL AUDIO: REASON & PRO TOOLS

- SLO 1. Write original compositions using a midi/audio workstation.
- SLO 2. Create unique programming/sequencing that includes the linking of patterns into a musical composition, the inclusion of audio files as an integral element, and Reason as a rewire application.

MUS 66C                      INTRODUCTION TO DIGITAL AUDIO: LIVE, REASON & PRO TOOLS

No SLOs on file.

MUS 80A                      RECORDING STUDIO BASICS

- SLO 1. Describe and discuss the basic principles of acoustics and the physics of sound.
- SLO 2. Interpret the specifications of mixing boards, microphones, and signal processors.

MUS 81A                      AUDIO RECORDING & PRODUCTION

- SLO 1. Create and edit a multitrack recording.
  - ILO 1. 2. Creative, critical and analytical thinking
- SLO 2. Assess the comparative levels of tracks as they relate to the multitrack recording as a whole, and create a basic mix to a stereo master.
  - ILO 2. 2. Creative, critical and analytical thinking

MUS 81B                      SOUND DESIGN FOR FILM & VIDEO

- SLO 1. Design and assemble a soundtrack from different sources, both pre-recorded and recorded.
- SLO 2. Describe and discuss the aesthetic qualities of sound and music as it relates to the content of video.

MUS 81C                      MIXING & MASTERING WITH PRO TOOLS

- SLO 1. Explain the mixing styles of the recording industry in the 20th century.
- SLO 2. Create a stereo mix from a multitrack master.

MUS 81D	PRO TOOLS & PLUG-INS I	
	SLO 1. Apply TDM and RTAS plug ins directly to a track in a multitrack recording.	
	SLO 2. Explain equalization and compression techniques as standardized in the modern recording industry.	
MUS 81E	PRO TOOLS & PLUG INS II	No SLOs on file.
MUS 82A	PRO TOOLS 101: INTRODUCTION TO PRO TOOLS	
	SLO 1. Analyze the dynamic spectrum of a multi-track recording.	
	SLO 2. Operate a midi keyboard within the Pro Tools environment.	
MUS 82B	PRO TOOLS 110: PRO TOOLS PRODUCTION I	
	SLO 1. Operate Pro Tools in a recording environment to Digidesign standards.	
	SLO 2. Explain the Pro Tools file system.	
MUS 82C	PRO TOOLS 201: PRO TOOLS PRODUCTION II	
	SLO 1. Configure Pro Tools HD workstations, customizing session requirements.	
	SLO 2. Write automation in any mode, automate plug-ins and suspend automation.	
MUS 82D	PRO TOOLS 210M: MUSIC PRODUCTION TECHNIQUES	
	SLO 1. Demonstrate professional digital audio editing techniques.	
	SLO 2. Apply synchronization concepts to external analog and digital equipment.	
MUS 85A	MUSIC & MEDIA: EDISON TO HENDRIX	No SLOs on file.
MUS 85B	MUSIC & MEDIA: HENDRIX TO HIP-HOP	No SLOs on file.
MUS 86	INTRODUCTION TO DIGITAL SOUND, VIDEO & ANIMATION	No SLOs on file.
MUS 150	MUSIC LABORATORY	No SLOs on file.
MUS 150X	MUSIC LABORATORY	No SLOs on file.
MUS 150Y	MUSIC LABORATORY	No SLOs on file.
MUS 150Z	MUSIC LABORATORY	No SLOs on file.

11 of 12 Course IDs for *MUSP* in the Fine Arts and Communication Division have SLO's. 2010-2011

Course ID	Title	SLO's
MUSP 21	COLLEGE CHORALE	
	SLO 1. Critique and evaluate the performance of choral ensembles.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. Interpret written arrangements of compositions in a variety of styles.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
MUSP 24	GOSPEL CHORUS	
	SLO 1. Explain the stylistic differences of Gospel music, i.e early folk hymns, spirituals, traditional, and contemporary Gospel.	
	SLO 2. Critique and evaluate the performance of Gospel ensembles.	
MUSP 24X	GOSPEL CHORUS	No SLOs on file.
MUSP 24Y	GOSPEL CHORUS	No SLOs on file.
MUSP 24Z	GOSPEL CHORUS	No SLOs on file.
MUSP 26	ADVANCED WOMEN'S CHORUS	
	SLO 1. Compare and listen to recordings and attend live concerts or festivals to contrast choral styles of other women's and mixed choirs.	
	SLO 2. Demonstrate knowledge of the required literature by performing in a quartet.	

MUSP 27	RENAISSANCE VOCAL ENSEMBLE	
	SLO 1. Demonstrate knowledge of the required literature by performing in a quartet.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 2. Build performance skills by performing in a small ensemble.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking	
MUSP 28	CHAMBER SINGERS	No SLOs on file.
MUSP 29	MADRIGAL SINGERS	No SLOs on file.
MUSP 32	SYMPHONIC WIND ENSEMBLE	No SLOs on file.
MUSP 39	COLLEGE ORCHESTRA	No SLOs on file.
MUSP 40	SYMPHONY ORCHESTRA	
	SLO 1. Understand and apply the basic methods/disciplines of orchestral performance.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 2. Demonstrate a technical and stylistic understanding of orchestral literature from 1700 to the present.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking	

1 of 12 Course IDs for NANO in the Physical Sciences, Mathematics & Engineering Division have SLO's.

2010-2011

Course ID	Title	SLO's
NANO 50	INTRODUCTION TO NANOTECHNOLOGY	No SLOs on file.
NANO 51	APPLICATIONS OF NANOTECHNOLOGY	
	SLO 1. students will describe the field of nanotechnology from a historical perspective, and emergent / convergent from physics, materials science and engineering, semiconductors and electronics, biology and chemistry - assessment by written evaluation	
	SLO 2. students will describe the industrial applications of nanotechnology, with specific instances (applications) in semiconductors, high performance materials, (and suggested) energy, food, water, computing, and medicine - assessment by written evaluation.	
	SLO 3. students will describe the material engineering and application challenges in energy, food, water, computing, and medicine - assessment by written evaluation.	
	SLO 4. students will describe how nanotechnology and nanoengineering are practiced in industry, including thin film deposition, particle size, distribution, and surface area, grain boundary engineering, lattice dimension / strain - students will describe the material engineering and application challenges in energy, food, water, computing, and medicine - assessment by written evaluation.	
	SLO 5. students will identify ten key nanostructures, how they are prepared, and why they are important in nanoscience and materials engineering - assessment by written evaluation.	
	SLO 6. students will learn and apply the PNPA rubric to key application and product engineering challenges - as a method for applying the engineering method to advanced materials engineering - assessment by written evaluation.	
	SLO 7. students will apply theory of atomic, electronic, and material structure to Modeling and Simulation, Engineering, and Structure - Properties Relationships.	
	SLO 8. students will identify the primary process tools for fabricating nanostructured materials, how they work, and where they fit into both academic research and industrial laboratories and manufacturing.	
	SLO 9. students will identify the primary process tools for characterizing nanostructured materials, how they work, and where they fit into both academic research and industrial laboratories and manufacturing (QA/QC).	
	SLO 10. students will identify and discuss the current challenges to nanotechnology and nanoengineering in policy, education, funding, legal, and environmental applications and identify and discuss the future emergent and convergent areas of nanotechnology, including quantum computing, synthetic biology, and IT/MEMS (nanorobotics)	



NANO 52	NANOMATERIALS & NANOSTRUCTURES	No SLOs on file.
NANO 53	NANOMATERIALS CHARACTERIZATION	No SLOs on file.
NANO 54	NANOFABRICATION TOOLS & PROCESS	No SLOs on file.
NANO 55	INTRODUCTION TO MICRO & NANO ELECTRONICS	No SLOs on file.
NANO 56	PRINCIPLES OF MEMS, NEMS & SENSORS	No SLOs on file.
NANO 57	INTRODUCTION TO MICRO & NANO FABRICATION TECHNIQUES	No SLOs on file.
NANO 58	MICRO & NANO FABRICATION TECHNIQUES LABORATORY	No SLOs on file.
NANO 59	NANOBIOTECHNOLOGY SCIENCES	No SLOs on file.
NANO 60	INTRODUCTION TO CLEAN TECHNOLOGY	No SLOs on file.
NANO 61	MICRO & NANO FABRICATION TECHNIQUES CAPSTONE	No SLOs on file.

1 of 3 Course IDs for *NCBS* in the Non-Credit Division have SLO's.

2010-2011

Course ID	Title	SLO's
NCBS 400	LANGUAGE & LIFE SKILLS LITERACY	No SLOs on file.
NCBS 401A	MATHEMATICAL FOUNDATIONS FOR COLLEGE PART I	
	SLO 1. Student will be able to identify whole numbers.	
	ILO 1. 3. Computation	
	SLO 2. Student will be able to add whole numbers	
	ILO 2. 3. Computation	
	SLO 3. Student will be able to subtract whole numbers	
	ILO 3. 3. Computation	
	SLO 4. Student will be able to estimate whole numbers	
	ILO 4. 3. Computation	
NCBS 401B	MATHEMATICAL FOUNDATIONS FOR COLLEGE PART II	No SLOs on file.

0 of 1 Course IDs for *NCEL* in the Non-Credit Division have SLO's.

2010-2011

0 of 4 Course IDs for *NCP* in the Non-Credit Division have SLO's.

2010-2011

0 of 2 Course IDs for *NCSV* in the Non-Credit Division have SLO's.

2010-2011

0 of 4 Course IDs for *NCWP* in the Non-Credit Division have SLO's.

2010-2011

0 of 24 Course IDs for *P A* in the Fine Arts and Communication Division have SLO's.

2010-2011

5 of 10 Course IDs for *P C* in the Biological and Health Sciences Division have SLO's.

2010-2011

Course ID	Title	SLO's
P C 83	FAMILY MEDICINE DIDACTIC	No SLOs on file.
P C 83P	FAMILY MEDICINE CLINICAL	No SLOs on file.
P C 84	FAMILY MEDICINE DIDACTIC	No SLOs on file.
P C 84P	FAMILY MEDICINE CLINICAL	No SLOs on file.
P C 85	SPECIAL CLINICAL PROJECTS IN PRIMARY CARE MEDICINE	No SLOs on file.
P C 86	SPECIAL DIDACTIC PROJECTS IN PRIMARY CARE MEDICINE	No SLOs on file.
P C 87	EXTENDED CLINICAL INTERNSHIP	No SLOs on file.
P C 88	EXTENDED CLINICAL INTERNSHIP	No SLOs on file.
P C 290X	DIRECTED STUDY IN PRIMARY CARE MEDICINE	No SLOs on file.
P C 290Y	DIRECTED STUDY IN PRIMARY CARE MEDICINE	No SLOs on file.

0 of 26 Course IDs for *PCA* in the Biological and Health Sciences Division have SLO's. 2010-2011

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0 of 127 Course IDs for *PHED* in the Physical Education Division have SLO's. 2010-2011

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1 of 21 Course IDs for *PHIL* in the Business and Social Sciences Division have SLO's. 2010-2011

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Course ID	Title	SLO's
PHIL 1	CRITICAL THINKING & WRITING	No SLOs on file.
PHIL 2	INTRODUCTION TO SOCIAL & POLITICAL PHILOSOPHY	No SLOs on file.
PHIL 4	INTRODUCTION TO PHILOSOPHY	No SLOs on file.
PHIL 7	INTRODUCTION TO SYMBOLIC LOGIC	No SLOs on file.
PHIL 8	ETHICS	No SLOs on file.
SLO 1. Identify and explain major ethical theories.		
SLO 2. Analyze and evaluate ethical arguments regarding contemporary social issues.		
PHIL 11	INTRODUCTION TO THE PHILOSOPHY OF ART	No SLOs on file.
PHIL 20A	HISTORY OF WESTERN PHILOSOPHY FROM SOCRATES THROUGH ST. THOMAS	No SLOs on file.
PHIL 20B	HISTORY OF WESTERN PHILOSOPHY FROM THE RENAISSANCE THROUGH KANT	No SLOs on file.
PHIL 20C	CONTEMPORARY PHILOSOPHY: 19TH & 20TH CENTURY THOUGHT	No SLOs on file.
PHIL 22	INTRODUCTION TO WORLD RELIGIONS: THE SEARCH FOR SPIRITUAL MEANING	No SLOs on file.
PHIL 22S	INTRODUCTION TO WORLD RELIGIONS: THE SEARCH FOR SPIRITUAL MEANING	No SLOs on file.
PHIL 22T	INTRODUCTION TO WORLD RELIGIONS: THE SEARCH FOR SPIRITUAL MEANING	No SLOs on file.
PHIL 24	COMPARATIVE WORLD RELIGIONS: EAST	No SLOs on file.
PHIL 25	COMPARATIVE WORLD RELIGIONS: WEST	No SLOs on file.
PHIL 34H	HONORS INSTITUTE SEMINAR IN PHILOSOPHY	No SLOs on file.
PHIL 35	DEPARTMENT HONORS PROJECTS IN PHILOSOPHY	No SLOs on file.
PHIL 50	INTRODUCTION TO CRITICAL THINKING	No SLOs on file.
PHIL 56	SPECIAL PROJECTS IN PHILOSOPHY	No SLOs on file.
PHIL 56X	SPECIAL PROJECTS IN PHILOSOPHY	No SLOs on file.

PHIL 56Y	SPECIAL PROJECTS IN PHILOSOPHY	No SLOs on file.
PHIL 56Z	SPECIAL PROJECTS IN PHILOSOPHY	No SLOs on file.

45 of 40 Course IDs for *PHOT* in the Fine Arts and Communication Division have SLO's. 2010-2011

Course ID	Title	SLO's
PHOT 1	BLACK & WHITE PHOTOGRAPHY I	<p><b>SLO 1.</b> Demonstrate a working knowledge of the production processes necessary to create a silver-based photograph.</p> <p><b>ILO 1.</b> 2. Creative, critical and analytical thinking</p> <p><b>SLO 2.</b> Recognize the expressive qualities of light, composition, and camera settings and how they contribute meaning to a photograph.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking</p>
PHOT 2	BLACK & WHITE PHOTOGRAPHY II	<p><b>SLO 1.</b> In the changing field of photography, it is essential that students learn how to learn. They will have to teach themselves new methods throughout their photographic studies and careers. Many photo 2 students will be majors and/or serious avocational photographers and particularly need this ability to test and try new techniques. The paper comparison assignment allows the student to have to practice their darkroom skills and assess materials for usefulness for further projects.</p> <p>Successful creation of photographic prints on a variety of photographic papers matching print quality. Thoughtful assessment of qualities of photographic papers in reflection paper.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking</p> <p><b>SLO 2.</b> This is the first class where students will make a portfolio of photographs on a theme or concept. Students will create a portfolio of photographs exploring the techniques of intermediate photography and expressing a theme or concept.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking</p>
PHOT 5	INTRODUCTION TO PHOTOGRAPHY	<p><b>SLO 1.</b> Create photographs that demonstrate an understanding of light, color, and composition and communicate complex ideas.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking</p> <p><b>SLO 2.</b> Assess the contributions made in this field by people from diverse cultures and backgrounds.</p> <p><b>ILO 2.</b> 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>
PHOT 8	PHOTOGRAPHY OF MULTICULTURAL AMERICA	<p><b>SLO 1.</b> Identify the photographic process, describe the visual elements, and interpret the meaning of a photograph.</p> <p><b>SLO 2.</b> Synthesize the course material on photography's role in shaping ideas about race, class, gender, sexuality and national identity in America.</p>
PHOT 8H	HONORS PHOTOGRAPHY OF MULTICULTURAL AMERICA	<p><b>SLO 1.</b> Identify the photographic process, describe the visual elements, and interpret the meaning of a photograph.</p> <p><b>SLO 2.</b> Synthesize the course material on photography's role in shaping ideas about race, class, gender, sexuality and national identity in America.</p>
PHOT 10	HISTORY OF PHOTOGRAPHY	

**SLO 1.** Analyze how images reflect and shape our culture. That we in the modern world get so much information from images has been an ongoing progression from the discovery of photography. And this is not just factual information, but information about what is important to us as a society, on the meaning of life, on values. From Photojournalism, Fashion Photography, Documentary photography and Fine Art photography, we create a visual conversation that parallels and enhances the written dialogue of our newspapers, magazines and books.

**ILO 1.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Assess the contributions made in this field by people from diverse cultures and backgrounds.

**ILO 2.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**PHOT 10H HONORS HISTORY OF PHOTOGRAPHY**

**SLO 1.** Analyze how images reflect and shape our culture. That we in the modern world get so much information from images has been an ongoing progression from the discovery of photography. And this is not just factual information, but information about what is important to us as a society, on the meaning of life, on values. From Photojournalism, Fashion Photography, Documentary photography and Fine Art photography, we create a visual conversation that parallels and enhances the written dialogue of our newspapers, magazines and books.

**ILO 1.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Assess the contributions made in this field by people from diverse cultures and backgrounds.

**ILO 2.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**PHOT 11 CONTEMPORARY ISSUES IN PHOTOGRAPHY**

**SLO 1.** Identify the artistic style of contemporary photographers covered in course materials.

**SLO 2.** Synthesize course material and describe how the themes explored by a photographer relate to broader social issues.

**PHOT 11H HONORS CONTEMPORARY ISSUES IN PHOTOGRAPHY**

**SLO 1.** Identify the artistic style of contemporary photographers covered in course materials.

**SLO 2.** Synthesize course material and describe how the themes explored by a photographer relate to broader social issues.

**PHOT 13 EXPERIMENTAL PHOTOGRAPHY**

**SLO 1.** Identify methods for safe handling of photographic chemical used in Experimental Photography.

**ILO 1.** 2. Creative, critical and analytical thinking 3. Computation

**SLO 2.** Students will create a portfolio of photographs exploring the concepts/techniques of experimental.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**PHOT 50 BLACK & WHITE PHOTOGRAPHY III**

**SLO 1.** Demonstrate creative and technical mastery of at least one photographic technique.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** Create a photographic portfolio whose theme/idea is coherent and consistent, and reflects a clear, personal viewpoint.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**PHOT 51 ZONE SYSTEM PHOTOGRAPHY**

**SLO 1.** Demonstrate the skill of calibrating photographic equipment and materials to create repeatable results.

**ILO 1.** 2. Creative, critical and analytical thinking 3. Computation

**SLO 2.** Students will create a portfolio of photographs exhibiting mastery of the concepts/techniques of zone system photography.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation

**PHOT 55 SPECIAL PROJECTS IN PHOTOGRAPHY**

**SLO 1.** Students will self identify a goal/skill to develop and a project to illustrate this skill.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Working independently is essential to the photographer. Students will write a proposal for their project where they create their own goals and schedule for meeting with the faculty and progressing on their project.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**PHOT 57A PHOTOGRAPHIC PORTFOLIO DEVELOPMENT**

**SLO 1.** Students will create a portfolio of 10-15 photographic images and present them in a professional manner and discuss what their portfolio in light of their career/photographic goals.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Demonstrate participation in the building of community and contribute to others growth and progress as well as demonstrating the open minded acceptance of feedback and assistance.

**ILO 2.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**PHOT 57B PROFESSIONAL PRACTICES IN PHOTOGRAPHY**

**SLO 1.** Organize and manage photographic exhibition of students work in cooperation with fellow students.

**ILO 1.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Create support materials to match student's goals in photography including but not limited to postcards, websites, resumes and business cards.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**PHOT 63 PHOTOJOURNALISM**

**SLO 1.** Create photographs using knowledge of photographic capture techniques and effective editing skills.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Identify proper and improper photojournalist behaviors and ethics.

**ILO 2.** 1. Communication 4. Community/global consciousness and responsibility

**PHOT 65A DIGITAL PHOTOGRAPHY I**

**SLO 1.** Defines digital photography terminology and identifies basic image editing software features and their proper use.

**SLO 2.** Creates photo-based artwork that demonstrates proficiency in the beginning level digital photography techniques covered in course materials.

**PHOT 65B DIGITAL PHOTOGRAPHY II**

**SLO 1.** Defines digital photography terminology and identifies intermediate level image editing software features and their proper use.

**SLO 2.** Creates photo-based artwork that demonstrates proficiency in the intermediate level digital photography techniques covered in course materials.

**PHOT 65C DIGITAL PHOTOGRAPHY III**

**SLO 1.** Defines digital photography terminology and identifies advanced level image editing software features and their proper use.

**SLO 2.** Creates photo-based artwork that demonstrates proficiency in the advanced level digital photography techniques covered in course materials.

- PHOT 68A      DARKROOM TOPICS IN PHOTOGRAPHY  
 SLO 1. Student will explore the topic with time on task and develop skills to deepen proficiency in photography.  
 SLO 2. Student will be able to assess contributions of photographers from diverse cultures and backgrounds to the topic of photography being explored.
- PHOT 68B      DIGITAL TOPICS IN PHOTOGRAPHY  
 SLO 1. Student will explore the topic with time on task and develop skills to deepen proficiency in photography.  
 SLO 2. Student will be able to assess contributions of photographers from diverse cultures and backgrounds to the topic of photography being explored.
- PHOT 68C      STUDIO LIGHTING TOPICS IN PHOTOGRAPHY  
 SLO 1. Student will explore the topic with time on task and develop skills to deepen proficiency in photography.  
 SLO 2. Student will be able to assess contributions of photographers from diverse cultures and backgrounds to the topic of photography being explored.
- PHOT 68D      EXPERIMENTAL TOPICS IN PHOTOGRAPHY  
 SLO 1. Student will explore the topic with time on task and develop skills to deepen proficiency in photography.  
 SLO 2. Student will be able to assess contributions of photographers from diverse cultures and backgrounds to the topic of photography being explored.
- PHOT 68E      LECTURE TOPICS IN PHOTOGRAPHY      No SLOs on file.
- PHOT 68F      EXHIBITION TOPICS IN PHOTOGRAPHY  
 SLO 1. Student will explore the topic with time on task and develop skills to deepen proficiency in photography.  
 SLO 2. Student will be able to assess contributions of photographers from diverse cultures and backgrounds to the topic of photography being explored.
- PHOT 70      INTRODUCTION TO COLOR PHOTOGRAPHY  
 SLO 1. Demonstrate knowledge of the principles of the interaction of color.  
     ILO 1. 2. Creative, critical and analytical thinking  
 SLO 2. Analyze and correct photographs for better color balance.  
     ILO 2. 2. Creative, critical and analytical thinking
- PHOT 71      THE PHOTOGRAPHIC BOOK  
 SLO 1. Construct a book illustrating facility in integrating word processing, graphics and photography  
     ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation  
 SLO 2. Demonstrate ability to use electronic imaging software and hardware to create a publication.  
     ILO 2. 2. Creative, critical and analytical thinking 3. Computation
- PHOT 72      DIGITAL CAMERA TECHNIQUE  
 SLO 1. Demonstrate in-depth awareness of and ability to use the digital camera.  
     ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation  
 SLO 2. Assess the contributions made in this field by people from diverse cultures and backgrounds.  
     ILO 2. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- PHOT 74      STUDIO PHOTOGRAPHY TECHNIQUES  
 SLO 1. Identify various studio lighting equipment together with their specific use and purpose.  
 SLO 2. Set up and arrange studio lighting equipment in a creative and technical manner that clearly depicts the volume, texture, or shape of a 3D object.

**SLO 3.** Produce a realistic bid with a budget that reflects awareness of the multiple costs associated with a commercial project.

**ILO 3.** 2. Creative, critical and analytical thinking 3. Computation

**PHOT 78A LANDSCAPE FIELD STUDY IN PHOTOGRAPHY**

**SLO 1.** For the 78 series, we are trying to allow exploration of a new topic, development of skills and time on task to deepen skills in photography. Students will create a small group of work or a short paper to illustrate this skill.

**ILO 1.** 2. Creative, critical and analytical thinking

**SLO 2.** Student will be able to assess contributions of photographers from diverse cultures and backgrounds to the topic of photography being explored

**ILO 2.** 4. Community/global consciousness and responsibility

**PHOT 78B SOCIAL CONCERNS FIELD STUDY IN PHOTOGRAPHY**

**SLO 1.** For the 78 series, we are trying to allow exploration of a new topic, development of skills and time on task to deepen skills in photography. Students will create a small group of work or a short paper to illustrate this skill.

**ILO 1.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Student will be able to assess contributions of photographers from diverse cultures and backgrounds to the topic of photography being explored

**ILO 2.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**PHOT 78C DOCUMENTARY FIELD STUDY IN PHOTOGRAPHY**

**SLO 1.** For the 78 series, we are trying to allow exploration of a new topic, development of skills and time on task to deepen skills in photography. Students will create a small group of work or a short paper to illustrate this skill.

**ILO 1.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Student will be able to assess contributions of photographers from diverse cultures and backgrounds to the topic of photography being explored.

**ILO 2.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**PHOT 78D MUSEUM/GALLERY FIELD STUDY IN PHOTOGRAPHY**

**SLO 1.** For the 78 series, we are trying to allow exploration of a new topic, development of skills and time on task to deepen skills in photography. Students will create a small group of work or a short paper to illustrate this skill.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Student will be able to assess contributions of photographers from diverse cultures and backgrounds to the topic of photography being explored

**ILO 2.** 4. Community/global consciousness and responsibility

**PHOT 78E TECHNIQUES FIELD STUDY IN PHOTOGRAPHY**

**SLO 1.** For the 78 series, we are trying to allow exploration of a new topic, development of skills and time on task to deepen skills in photography. Students will create a small group of work or a short paper to illustrate this skill.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Student will be able to assess contributions of photographers from diverse cultures and backgrounds to the topic of photography being explored.

**ILO 2.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**PHOT 150X PHOTOGRAPHY PRODUCTION LABORATORY**

**SLO 1.** Repeat practice in photographic processes and procedures to yield greater consistency of results.



**SLO 2.** Experiment with various approaches to darkroom processes and studio techniques to expand visual expression skill-set.

**PHOT 180 PHOTOGRAPHIC PRACTICES**

**SLO 1.** Use darkroom equipment to aid in efficient production of photographs.

**SLO 2.** Experiment with equipment to embrace both anticipated and unexpected results.

**PHOT 190 DIRECTED STUDY**

**SLO 1.** Students will self identify a goal/skill to develop and a project to illustrate this skill.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Working independently is essential to the photographer. Students will write a proposal for their project where they create their own goals and schedule meeting with faculty to review project progress.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**PHOT 190X DIRECTED STUDY**

**SLO 1.** Students will self identify a goal/skill to develop and a project to illustrate this skill.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Working independently is essential to the photographer. Students will write a proposal for their project where they create their own goals and schedule meeting with faculty to review project progress.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**PHOT 190Y DIRECTED STUDY**

**SLO 1.** Students will self identify a goal/skill to develop and a project to illustrate this skill.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Working independently is essential to the photographer. Students will write a proposal for their project where they create their own goals and schedule meeting with faculty to review project progress.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**PHOT 190Z DIRECTED STUDY**

**SLO 1.** Students will self identify a goal/skill to develop and a project to illustrate this skill.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Working independently is essential to the photographer. Students will write a proposal for their project where they create their own goals and schedule meeting with faculty to review project progress.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

3 of 17 Course IDs for *PHT* in the Biological and Health Sciences Division have SLO's.

2010-2011

Course ID	Title	SLO's
PHT 50	ORIENTATION TO PHARMACY TECHNOLOGY	
	<b>SLO 1.</b> State all the technician's primary job responsibilities, the duties falling under each job, and how their jobs differ from the primary responsibilities of the pharmacist.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Interpret, read, write, understand, communicate and define medical and pharmaceutical terminology as used in retail and hospital pharmacy.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
PHT 51	BASIC PHARMACEUTICS	No SLOs on file.

PHT 52A	INPATIENT DISPENSING	No SLOs on file.
PHT 52B	ASEPTIC TECHNIQUE & IV PREPARATION	No SLOs on file.
PHT 53	AMBULATORY PHARMACY PRACTICE	
	<b>SLO 1.</b> Demonstrate understanding and implement skills needed to effectively and competently perform a technician job in an ambulatory pharmacy when controlling inventory functions, prescription processing, dispensing, billing, and medical insurance.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Demonstrate and utilize legal and appropriate interpersonal communication skills when interacting with patients, in person and the phone, and pharmacy personnel	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
PHT 54A	DOSAGE CALCULATIONS A	No SLOs on file.
PHT 54B	DOSAGE CALCULATIONS B	No SLOs on file.
PHT 55A	PHARMACOLOGY A	No SLOs on file.
PHT 55B	PHARMACOLOGY B	No SLOs on file.
PHT 56A	DISPENSING & COMPOUNDING A	
	<b>SLO 1.</b> Interpret, evaluate and prepare non-sterile solid and liquid pharmaceutical dosage forms for oral use utilizing prescription orders.	
	<b>ILO 1.</b> 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 2.</b> Document and maintain records of pharmaceutical compounding, dispensing, storage and packaging.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
PHT 56B	DISPENSING & COMPOUNDING B	No SLOs on file.
PHT 60A	RETAIL CLINICAL I	No SLOs on file.
PHT 60B	RETAIL CLINICAL II	No SLOs on file.
PHT 61	HOME HEALTHCARE SUPPLIES	No SLOs on file.
PHT 62A	HOSPITAL CLINICAL I	No SLOs on file.
PHT 62B	HOSPITAL CLINICAL II	No SLOs on file.
PHT 200L	PHARMACY TECHNICIANS AS A CAREER	No SLOs on file.

10 of 19 Course IDs for *PHYS* in the Physical Sciences, Mathematics & Engineering Division have SLO's.

2010-2011

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Course ID	Title	SLO's
PHYS 2A	GENERAL PHYSICS	
	<b>SLO 1.</b> Students will demonstrate competence in Kinematics.	
	<b>ILO 1.</b> 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 2.</b> Students will demonstrate competence in Newton's Laws.	
	<b>ILO 2.</b> 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 3.</b> Students will demonstrate competence in the concept of Energy.	
	<b>ILO 3.</b> 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 4.</b> Students will demonstrate competence in the concept of Momentum.	
	<b>ILO 4.</b> 2. Creative, critical and analytical thinking 3. Computation	
	<b>SLO 5.</b> Lab experiments should teach students the background science, error analysis, and how to perform experiments.	
	<b>ILO 5.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
PHYS 2B	GENERAL PHYSICS	
	<b>SLO 1.</b> Explain the Zeroth, First and Second Laws of Thermodynamics and solve related problems and calculate results from statistical mechanics, such as the kinetic theory of gases.	

- ILO 1. 2. Creative, critical and analytical thinking 3. Computation
- SLO 2. Discuss basic electrostatics and electric potential, and solve related problems.
- ILO 2. 2. Creative, critical and analytical thinking 3. Computation
- SLO 3. Analyze resistance, capacitance, and DC circuits, computing associated quantities.
- ILO 3. 2. Creative, critical and analytical thinking 3. Computation
- SLO 4. Discuss magnetic fields and forces, and solve related problems.
- ILO 4. 2. Creative, critical and analytical thinking 3. Computation
- SLO 5. Extrapolate their understanding of DC circuits and circuit elements to AC circuits.
- ILO 5. 2. Creative, critical and analytical thinking 3. Computation
- SLO 6. Explain electromagnetic waves.
- ILO 6. 2. Creative, critical and analytical thinking
- SLO 7. Assess the limitations of physical laws and make mathematical approximations in appropriate situations.  
Understand how physical laws are established and the role of scientific evidence as support
- ILO 7. 1. Communication 2. Creative, critical and analytical thinking
- SLO 8. Lab experiments should teach students the background science, error analysis, and how to perform experiments.
- ILO 8. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

PHYS 2C  
PHYS 4A

GENERAL PHYSICS  
GENERAL PHYSICS (CALCULUS)

No SLOs on file.

- SLO 1. Competence in the following areas - Kinematics, Newton's Laws, Energy, and Momentum
- ILO 1. 2. Creative, critical and analytical thinking 3. Computation
- SLO 2. Lab experiments should teach students the background science, error analysis, and how to perform experiments.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

PHYS 4B

GENERAL PHYSICS (CALCULUS)

- SLO 1. Students should understand the following concepts from electricity:
- 1 Forces between charges
  - 2 The relationship between charges, fields and forces
  3. The concept of a potential
  4. Basic Circuits (capacitors, resistors and inductors)
- SLO 2. Students should understand the following concepts from magnetism:
1. The effect of a magnetic field upon a moving charge
  2. The generation of magnetic fields from current distributions
  3. The creation of electric fields from changing magnetic fluxes (induced EMF)
- SLO 3. Students should understand how Maxwell's Equations govern electric and magnetic fields.
- SLO 4. Lab experiments should teach students the background science, error analysis, and how to perform experiments.
- ILO 4. 2. Creative, critical and analytical thinking

PHYS 4C

GENERAL PHYSICS (CALCULUS)

- SLO 1. Students should understand the following concepts about waves:
1. wave motion and energy transport by waves,
  2. reflection and transmission, interference and standing waves,
  3. intensity of sound and interference of sound
  4. Doppler effect
- Students will articulate orally and/or in writing how the physical properties of waves may be applied to solve real world problems
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation
- SLO 2. Students should understand the following concepts Thermal physics:
1. Temperature, internal energy and heat transfer
  2. Specific heat and Calorimetry
  3. Zeroth, first, and second law of thermodynamics

## 4. Thermal processes and heat engines

Students will articulate how thermodynamic principles affect real-world phenomena or

students will be able to identify natural phenomena that are affected by heat and appraise how thermodynamic changes will affect natural systems

ILO 2. 2. Creative, critical and analytical thinking 3. Computation

SLO 3. Students should understand the following concepts about optics:

1. Index of refraction and Snell's law
2. Image formed by reflection and refraction
3. Thin lens and lens maker equation
4. Optical instruments
5. Interference in Young's double slit experiment and thin film
6. Single slit diffraction and limits of resolution

ILO 3. 2. Creative, critical and analytical thinking 3. Computation

## PHYS 4D

## GENERAL PHYSICS (CALCULUS)

SLO 1. Students should have both a conceptual and computational understanding of Einstein's theory of special relativity.

ILO 1. 2. Creative, critical and analytical thinking 3. Computation

SLO 2. Students should have an understanding of the Schrodinger Equation and be able to solve problems with introductory-level potentials.

ILO 2. 2. Creative, critical and analytical thinking 3. Computation

SLO 3. The lab experiments should give students deeper understanding into the historical experiments that form the basis of modern physics and the science involved.

ILO 3. 1. Communication 2. Creative, critical and analytical thinking 3. Computation

## PHYS 5A

## GENERAL PHYSICS (CALCULUS) EXTENDED

No SLOs on file.

## PHYS 5B

## GENERAL PHYSICS (CALCULUS) EXTENDED

No SLOs on file.

## PHYS 5C

## GENERAL PHYSICS (CALCULUS) EXTENDED

No SLOs on file.

## PHYS 6

## INTRODUCTORY PHYSICS

SLO 1. Students should understand the following basic concepts from mechanics: Kinematics, Newton's Laws, Energy, and Momentum

SLO 2. Students should understand the following basic concepts from Electricity: Charges, electric forces and electric field.

## PHYS 12

## INTRODUCTION TO MODERN PHYSICS

No SLOs on file.

## PHYS 34H

## HONORS INSTITUTE SEMINAR IN PHYSICS

No SLOs on file.

## PHYS 36

## SPECIAL PROJECTS IN PHYSICS

No SLOs on file.

## PHYS 36X

## SPECIAL PROJECTS IN PHYSICS

No SLOs on file.

## PHYS 36Y

## SPECIAL PROJECTS IN PHYSICS

No SLOs on file.

## PHYS 100

## PHYSICS STUDENT ASSISTANCE

SLO 1. The students will be able to use analysis to set up and solve numerical problems.

ILO 1. 3. Computation

SLO 2. Student will spend the appropriate amount of time in PSME Center working on skills.

ILO 2. 2. Creative, critical and analytical thinking

## PHYS 100X

## PHYSICS STUDENT ASSISTANCE

SLO 1. The students will be able to use analysis to set up and solve numerical problems.

ILO 1. 3. Computation

SLO 2. Student will spend the appropriate amount of time in PSME Center working on skills.

ILO 2. 2. Creative, critical and analytical thinking

## PHYS 100Y

## PHYSICS STUDENT ASSISTANCE

SLO 1. The students will be able to use analysis to set up and solve numerical problems.

ILO 1. 3. Computation

SLO 2. Student will spend the appropriate amount of time in PSME Center working on skills.

## ILO 2. 2. Creative, critical and analytical thinking

3 of 15 Course IDs for *POLI* in the Business and Social Sciences Division have SLO's.

2010-2011

Course ID	Title	SLO's
POLI 1	POLITICAL SCIENCE: INTRODUCTION TO AMERICAN GOVERNMENT & POLITICS	No SLOs on file.
POLI 2	COMPARATIVE GOVERNMENT & POLITICS	No SLOs on file.
POLI 2H	HONORS COMPARATIVE GOVERNMENT & POLITICS	No SLOs on file.
POLI 3	INTRODUCTION TO POLITICAL PHILOSOPHY/POLITICAL THEORY	<p>SLO 1. 1. Critically Analyze the historical development of political thought focusing on the works of any of the following political philosophies: Augustine &amp; Aquinas, Machiavelli and Hobbes, Locke &amp; Rousseau, Bentham and Mill, Hegel and Marx, Antonio Gramsci.</p> <p>SLO 2. 2. Critically analyze any of the models of political justification, forms of the state, civil and political society, and their institutional manifestation in government.</p>
POLI 3H	HONORS INTRODUCTION TO POLITICAL PHILOSOPHY/POLITICAL THEORY	<p>SLO 1. 1. Critically Analyze the historical development of political thought focusing on the works of any of the following political philosophies: Augustine &amp; Aquinas, Machiavelli and Hobbes, Locke &amp; Rousseau, Bentham and Mill, Hegel and Marx, Antonio Gramsci.</p> <p>SLO 2. 2. Critically analyze any of the models of political justification, forms of the state, civil and political society, and their institutional manifestation in government.</p>
POLI 9	POLITICAL ECONOMY	<p>SLO 1. Critically Analyze contending Theoretical Formulations of the International Political Economy</p> <p>SLO 2. Critically Analyze contending theoretical formulations on Development and Underdevelopment</p>
POLI 9H	HONORS POLITICAL ECONOMY	No SLOs on file.
POLI 15	INTERNATIONAL RELATIONS/WORLD POLITICS	No SLOs on file.
POLI 15H	HONORS INTERNATIONAL RELATIONS/WORLD POLITICS	No SLOs on file.
POLI 34H	HONORS INSTITUTE SEMINAR IN POLITICAL SCIENCE	No SLOs on file.
POLI 35	DEPARTMENT HONORS PROJECTS IN POLITICAL SCIENCE	No SLOs on file.
POLI 36	SPECIAL PROJECTS IN POLITICAL SCIENCE	No SLOs on file.
POLI 36X	SPECIAL PROJECTS IN POLITICAL SCIENCE	No SLOs on file.
POLI 36Y	SPECIAL PROJECTS IN POLITICAL SCIENCE	No SLOs on file.
POLI 36Z	SPECIAL PROJECTS IN POLITICAL SCIENCE	No SLOs on file.

3 of 9 Course IDs for *PSE* in the Physical Sciences, Mathematics & Engineering Division have SLO's.

2010-2011

Course ID	Title	SLO's
PSE 41	CLASS PRACTICES: MIDDLE SCHOOL SCIENCE	<p>SLO 1. Potential educators will understand the basic duties associated with a career in K-12 education.</p> <p>ILO 1. 4. Community/global consciousness and responsibility</p>

**SLO 2.** Potential educators will be made aware of current, relevant issues in the field of education. These topics will vary based on current issues, but may include topics related to learning styles, teaching styles, classroom management, No Child Left Behind and standardized state testing.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

PSE 42 CLASS PRACTICES; ELEMENTARY SCHOOL SCIENCE

**SLO 1.** Refer to PSE 41. The courses are taught concurrently with field experience in K-6

**SLO 2.** Refer to PSE 41. The courses are taught concurrently with field experience in K-6

PSE 43 CLASS PRACTICES: HIGH SCHOOL SCIENCE

**SLO 1.** Refer to PSE 41. The courses are taught concurrently with field experience in grades 9-12

**SLO 2.** Refer to PSE 41. The courses are taught concurrently with field experience in grades 9-12

PSE 111	PASS THE TORCH TEAM LEADER TRAINING	No SLOs on file.
PSE 301	CAREER DEVELOPMENT THROUGH CLASSROOM OBSERVATIONS	No SLOs on file.
PSE 301X	CAREER DEVELOPMENT THROUGH CLASSROOM OBSERVATIONS	No SLOs on file.
PSE 301Y	CAREER DEVELOPMENT THROUGH CLASSROOM OBSERVATIONS	No SLOs on file.
PSE 301Z	CAREER DEVELOPMENT THROUGH CLASSROOM OBSERVATIONS	No SLOs on file.
PSE 302	PEDAGOGICAL LEADERSHIP	No SLOs on file.

8 of 19 Course IDs for *PSYC* in the Business and Social Sciences Division have SLO's.

2010-2011

Course ID	Title	SLO's
PSYC 1	GENERAL PSYCHOLOGY	
	<b>SLO 1.</b> Identify the reasons why psychology is a science	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Identify the major theoretical perspectives in psychology	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
PSYC 4	INTRODUCTION TO PSYCHOBIOLOGY	
	<b>SLO 1.</b> Each student will demonstrate their knowledge of biological processes that form the basis of all human behavior.	
	<b>SLO 2.</b> Each student will demonstrate their knowledge of the relationship of the human brain and nervous systems.	
PSYC 10	INTRODUCTION TO SOCIAL RESEARCH	No SLOs on file.
PSYC 14	CHILDHOOD & ADOLESCENCE	
	<b>SLO 1.</b> Identify the theories and processes of physical, cognitive, social, and emotional development of the individual from conception to adolescence.	
	<b>SLO 2.</b> Apply developmental psychological concepts, theories, and research findings as these relate to everyday life.	
PSYC 21	PSYCHOLOGY OF WOMEN: SEX & GENDER DIFFERENCES	No SLOs on file.
PSYC 22	PSYCHOLOGY OF PREJUDICE	

- SLO 1.** Each student will demonstrate knowledge of principles and methods that reflect the culture and values of the five dominant ethnic groups: African American, Asian American, Hispanic, Native American and White/Non Hispanic.
- SLO 2.** Each student will demonstrate their knowledge regarding the concept of stereotyping and it's relationship to discrimination.

PSYC 25 INTRODUCTION TO ABNORMAL PSYCHOLOGY No SLOs on file.  
 PSYC 30 SOCIAL PSYCHOLOGY

- SLO 1.** Demonstrate knowledge of the major theories and content areas of social psychology.  
**SLO 2.** Apply social psychological concepts, theories, and research findings as these relate to everyday life.

PSYC 33 INTRODUCTION TO THE CONCEPTS OF PERSONALITY No SLOs on file.  
 PSYC 34H HONORS INSTITUTE SEMINAR IN PSYCHOLOGY No SLOs on file.  
 PSYC 35 DEPARTMENT HONORS PROJECTS IN PSYCHOLOGY No SLOs on file.  
 PSYC 36 SPECIAL PROJECTS IN PSYCHOLOGY No SLOs on file.  
 PSYC 36X SPECIAL PROJECTS IN PSYCHOLOGY No SLOs on file.  
 PSYC 36Y SPECIAL PROJECTS IN PSYCHOLOGY No SLOs on file.  
 PSYC 36Z SPECIAL PROJECTS IN PSYCHOLOGY No SLOs on file.  
 PSYC 40 HUMAN DEVELOPMENT

- SLO 1.** Demonstrate knowledge of major theories of human development  
**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility  
**SLO 2.** Apply theories in explaining examples of human development  
**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

PSYC 49 HUMAN SEXUALITY No SLOs on file.  
 PSYC 50 PSYCHOLOGY OF CRISIS

- SLO 1.** Demonstrate knowledge of crisis intervention models  
**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility  
**SLO 2.** Explain application of theory to incidence of crisis in the community  
**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

PSYC 55 PSYCHOLOGY OF SPORTS

- SLO 1.** Demonstrate knowledge of theories of sports psychology  
**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility  
**SLO 2.** Application of theories and techniques of optimal performance  
**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

0 of 6 Course IDs for *R E* in the Business and Social Sciences Division have SLO's. 2010-2011

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26 of 35 Course IDs for *R T* in the Biological and Health Sciences Division have SLO's. 2010-2011

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Course ID	Title	SLO's
R T 50	ORIENTATION TO RADIATION SCIENCE TECHNOLOGIES	



- SLO 1.** Describe radiation science terms, program policies, accreditation, credentialing, certification, licensure, regulations, and various specialties and imaging modalities.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2.** Explain the use of medical radiation, patient care techniques, anatomy identification and positioning of the abdomen.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation

**R T 51A**                      **FUNDAMENTALS OF RADIOLOGIC TECHNOLOGY I**

- SLO 1.** Assess proper patient positioning of the chest, abdomen, upper and lower extremities, in order to apply positioning skills in the clinical setting resulting in a diagnostic image.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2.** Evaluate radiographs for anatomical structures in order to assess for proper positioning which will aid in the diagnosis of disease.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**R T 51B**                      **FUNDAMENTALS OF RADIOLOGIC TECHNOLOGY II**

- SLO 1.** Identify proper positioning of the hip and pelvis, gastrointestinal tract, urinary and biliary system in order to create diagnostic images.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2.** Evaluate images for anatomy related to hip and pelvis, gastrointestinal tract, urinary system and biliary system for the purposes of providing diagnostic images.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**R T 51C**                      **FUNDAMENTALS OF RADIOLOGIC TECHNOLOGY III**

- SLO 1.** Identify proper positioning of the vertebral column, skull, bony thorax, and sub-special radiographic procedures.
- SLO 2.** Recall anatomy related to vertebral column, skull, bony thorax, and sub-special radiographic procedures.

**R T 52A**                      **PRINCIPLES OF RADIOLOGIC TECHNOLOGY I**

- SLO 1.** Describe the parts of the x-ray tube.
- ILO 1.** 1. Communication 3. Computation
- SLO 2.** Differentiate between the quality factors of mAs and kV.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**R T 52B**                      **PRINCIPLES OF RADIOLOGIC TECHNOLOGY II**

- SLO 1.** Comprehend the interaction of x-ray and matter and the effect of radiographic quality factors on image production.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 2.** Describe the fundamentals of radiobiology, radiation protection and radiation protection devices.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**R T 52C**                      **PRINCIPLES OF RADIOLOGIC TECHNOLOGY III**

No SLOs on file.

**R T 52D**                      **DIGITAL IMAGE ACQUISITION & DISPLAY**

- SLO 1.** Assess the application and components of a digital radiography system in order to maximize radiation protection of the patient in the clinical setting.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Evaluate characteristic curves to classify different types of analog film and their impact on the process of producing a diagnostic radiograph.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**R T 53**                      **ORIENTATION TO RADIOLOGIC TECHNOLOGY**

**SLO 1.** Demonstrate proper equipment manipulation, patient positioning, and anatomic image evaluation for the abdomen procedure in the clinical setting.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Perform proper assessment of vital signs and performance of safe patient transport in the radiology department.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation

**R T 53A**                      **APPLIED RADIOGRAPHIC TECHNOLOGY I**

**SLO 1.** Demonstrate proper equipment manipulation and positioning criteria for selected radiographic procedures, applying appropriate patient care and radiation protection principles in the clinical setting.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Perform image evaluation, which includes anatomy and pathology identification for various radiographic procedures.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**R T 53AL**                      **APPLIED RADIOGRAPHIC TECHNOLOGY LABORATORY I**

**SLO 1.** Demonstrate proper equipment manipulation and positioning criteria for selected radiographic procedures of the chest, abdomen and extremities, applying appropriate patient care and radiation protection principles in the laboratory setting.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Perform image evaluation and anatomy identification for selected radiographic procedures of the chest, abdomen and extremities.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**R T 53B**                      **APPLIED RADIOGRAPHIC TECHNOLOGY II**

**SLO 1.** Demonstrate proper equipment manipulation and positioning criteria for selected radiographic procedures, applying appropriate patient care and radiation protection principles in the clinical setting.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Perform image evaluation, which includes anatomy and pathology identification for various radiographic procedures.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**R T 53BL**                      **APPLIED RADIOGRAPHIC TECHNOLOGY LABORATORY II**

**SLO 1.** Demonstrate proper equipment manipulation and positioning criteria for selected radiographic procedures of the Hip, Pelvis, UGI, BE and IVU, applying appropriate patient care and radiation protection principles in the laboratory setting.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Perform image evaluation and anatomy identification for selected radiographic procedures of the Hip, Pelvis, UGI, BE and IVU.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**R T 53C**                      **APPLIED RADIOGRAPHIC TECHNOLOGY III**

No SLOs on file.

**R T 53CL**                      **APPLIED RADIOGRAPHIC TECHNOLOGY LABORATORY III**

**SLO 1.** Demonstrate proper equipment manipulation and positioning criteria for selected radiographic procedures of the spine, ribs and skull, applying appropriate patient care and radiation protection principles in the laboratory setting.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Perform image evaluation and anatomy identification for selected radiographic procedures of the spine, ribs and skull.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

R T 53D APPLIED RADIOLOGIC TECHNOLOGY IV No SLOs on file.

R T 54A BASIC PATIENT CARE FOR IMAGING TECHNOLOGY

**SLO 1.** Describe the methods for the prevention of infection to the health care worker and the patient.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Describe vital signs used to assess patient condition.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation

R T 54B LAW & ETHICS IN MEDICAL IMAGING

**SLO 1.** Describe the elements and implications of informed consent in relation to patient autonomy and nonmalficence of the Radiologic Technologist.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Define specific legal doctrines to include vicarious liability, respondeat superior, and res ipsa loquitur and how they apply to the practice of Radiologic Technology.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

R T 54C RADIOGRAPHIC PATHOLOGY

**SLO 1.** Determine proper exposure factors, patient care and anatomical positioning based on manifestations of pathological conditions related to respiratory, osseous, fractures, urinary, gastrointestinal, hepatobiliary, central nervous, hemopoietic and endocrine systems.

**SLO 2.** Evaluate radiographic images of pathology of the respiratory, skeletal, urinary, gastrointestinal, central nervous, hemopoietic and endocrine systems.

R T 61B RADIOLOGY RESEARCH PROJECT

**SLO 1.** Conduct extensive research on an assigned medical imaging topic.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Prepare an oral presentation and create a scientific display board on an assigned medical imaging topic.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

R T 62A ADVANCED MODALITIES IN IMAGING

**SLO 1.** Describe image production and basic system components in the computed tomography and magnetic resonance imaging process.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation

**SLO 2.** Recognize sectional anatomy of the head, neck, thorax, abdomen, spine, pelvis and extremities.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

R T 62B SPECIAL PROCEDURES & EQUIPMENT

**SLO 1.** Describe the positioning, procedure and structures demonstrated for projections involving the facial bones, sinuses, and cranium.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

	<b>SLO 2.</b> Describe image production and related equipment components in the angiographic imaging process.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
R T 62C	PROFESSIONAL DEVELOPMENT IN RADIOLOGY	
	<b>SLO 1.</b> Describe the process of professional development and outline the steps required for continuing education and life-long learning in radiology.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Describe the techniques involved when performing cardiopulmonary resuscitation and trauma radiography.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking	
R T 62D	APPLIED RADIOLOGIC TECHNOLOGY	No SLOs on file.
R T 63	ADVANCED RADIOGRAPHIC PRINCIPLES	No SLOs on file.
R T 63A	RADIOGRAPHIC CLINICAL PRACTICUM I	
	<b>SLO 1.</b> Demonstrate proper equipment manipulation and positioning criteria for selected radiographic procedures, applying appropriate patient care and radiation protection principles in the clinical setting.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Perform image evaluation, which includes anatomy and pathology identification for various radiographic procedures to in order to produce diagnostic images for the purpose of diagnosis.	
	<b>ILO 2.</b> 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
R T 63B	RADIOGRAPHIC CLINICAL PRACTICUM II	
	<b>SLO 1.</b> Demonstrate proper equipment manipulation and positioning criteria for selected radiographic procedures, applying appropriate patient care and radiation protection principles in the clinical setting.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Perform image evaluation, which includes anatomy and pathology identification for various radiographic procedures.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
R T 63C	RADIOGRAPHIC CLINICAL PRACTICUM III	No SLOs on file.
R T 63D	RADIOGRAPHIC CLINICAL PRACTICUM	No SLOs on file.
R T 64	FLUOROSCOPY	No SLOs on file.
R T 65	MAMMOGRAPHY	
	<b>SLO 1.</b> Demonstrate knowledge of the human structure, function, pathology and radiographic positioning relating to the human breast.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Explain image production and related equipment components to the mammography imaging process including quality assurance and quality control.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
R T 71	ADVANCED CLINICAL EXPERIENCE: MAGNETIC RESONANCE IMAGING	
	<b>SLO 1.</b> Demonstrate proper equipment manipulation and assist in the performance of magnetic resonance imaging procedures, applying appropriate patient care and magnetic safety principles in the clinical setting.	
	<b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	

**SLO 2.** Critique and distinguish relevant sectional anatomy and pathology related to magnetic resonance imaging.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

R T 72 VENIPUNCTURE No SLOs on file.

R T 74 ADVANCED CLINICAL EXPERIENCE: COMPUTED TOMOGRAPHY

**SLO 1.** Demonstrate proper equipment manipulation and assist in the performance of computed tomography procedures, applying appropriate patient care and radiation protection principles in the clinical setting.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Critique and distinguish relevant vessel anatomy and pathology related to computed tomography.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

R T 200L RADIOLOGIC TECHNOLOGY AS A CAREER

**SLO 1.** Demonstrate professionalism in a radiology patient care environment.

**ILO 1.** 1. Communication 4. Community/global consciousness and responsibility

**SLO 2.** Appraises the role of a radiologic technologist in the health care environment.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

10 of 20 Course IDs for *RAD* in the Fine Arts and Communication Division have SLO's.

2010-2011

Course ID	Title	SLO's
RAD 70	SPECIAL PROJECTS IN RADIO	No SLOs on file.
RAD 80	FUNDAMENTALS OF RADIO PRODUCTION & STATION OPERATION	
	<b>SLO 1.</b> Describe the three different primary categories of operations at a radio station, along with departmental functions and interactions.	
	<b>SLO 2.</b> Discuss the impact of corporate ownership of radio stations on the broadcasting industry, and explain relationships of stations to audience via formats, government via the FCC, and advertisers via ratings.	
RAD 81	HISTORY OF RADIO 1920-PRESENT	
	<b>SLO 1.</b> Discuss the progression of radio broadcasting from pre-World War I point-to-point wireless telegraphy to pre-television age primary medium for entertainment and information.	
	<b>SLO 2.</b> Compare radio's evolution from geek basement experiment to common household appliance with that of home computers.	
RAD 90A	NEWS & INFORMATION PRODUCTION I	
	<b>SLO 1.</b> Demonstrate entry level techniques of scripting for on-air broadcast, planning and conducting interviews, and incorporating actualities into informational programming.	
	<b>SLO 2.</b> Produce beginning level informational programming on chosen subject by researching topic, writing and voicing content, and digitally editing program segments.	
RAD 90B	NEWS & INFORMATION PRODUCTION II	No SLOs on file.
RAD 90C	NEWS & INFORMATION PRODUCTION III	
	<b>SLO 1.</b> Demonstrate advanced level techniques of scripting for on-air broadcast, planning and conducting interviews, and incorporating actualities into informational programming.	
	<b>SLO 2.</b> Produce advance level informational programming on chosen subject by researching topic, writing and voicing content, and digitally editing program segments.	

RAD 90D	NEWS & INFORMATION PRODUCTION IV	No SLOs on file.
RAD 91A	RADIO STATION SALES & MARKETING I	No SLOs on file.
RAD 91B	RADIO STATION SALES & MARKETING II	No SLOs on file.
RAD 91C	RADIO STATION SALES & MARKETING III	
	<p><b>SLO 1.</b> Demonstrates advanced level ability to perform sales and marketing activities for Foothill College's FM and Internet radio station.</p> <p><b>SLO 2.</b> Demonstrates advanced level ability to perform promotional and publicity functions for Foothill College's FM and Internet radio station.</p>	
RAD 91D	RADIO STATION SALES & MARKETING IV	No SLOs on file.
RAD 92A	RADIO PROGRAMMING & PRODUCTION I	No SLOs on file.
RAD 92B	RADIO PROGRAMMING & PRODUCTION II	No SLOs on file.
RAD 92C	RADIO PROGRAMMING & PRODUCTION III	
	<p><b>SLO 1.</b> Demonstrate advanced level ability to perform master studio equipment operations, music selection, and mic breaks required for live four hour radio program.</p> <p><b>SLO 2.</b> Demonstrate advanced level ability to operate production studio equipment and to script/voice/edit pre-recorded spot announcements, short programs and in-studio or phone interviews.</p>	
	<p><b>SLO 1.</b> Demonstrate advanced level ability to perform master studio equipment operations, music selection, and mic breaks required for live four hour radio program.</p> <p><b>SLO 2.</b> Demonstrate advanced level ability to operate production studio equipment and to script/voice/edit pre-recorded spot announcements, short programs and in-studio or phone interviews.</p>	
RAD 92D	RADIO PROGRAMMING & PRODUCTION IV	No SLOs on file.
RAD 93A	MUSIC INDUSTRY RELATIONS & ENGINEERING I	No SLOs on file.
RAD 93B	MUSIC INDUSTRY RELATIONS & ENGINEERING II	No SLOs on file.
RAD 93C	MUSIC INDUSTRY RELATIONS & ENGINEERING III	
	<p><b>SLO 1.</b> Demonstrate advanced level knowledge for reviewing music for KFJC library and for interaction with the music industry to solicit new product.</p> <p><b>SLO 2.</b> Demonstrate advanced level knowledge of remote broadcasting or mobile DJ coordination, signal conveyance, multi-track recording, and post production CD mastering.</p>	
RAD 93D	MUSIC INDUSTRY RELATIONS & ENGINEERING IV	No SLOs on file.
RAD 190X	DIRECTED STUDY	No SLOs on file.

8 of 34 Course IDs for *RSPT* in the Biological and Health Sciences Division have SLO's.

2010-2011

Course ID	Title	SLO's
RSPT 50A	RESPIRATORY THERAPY PROCEDURES	
	<p><b>SLO 1.</b> Assess and monitor vital signs and breath sounds.</p> <p><b>SLO 2.</b> State the importance of understanding cultural diversity when administering therapy.</p>	
RSPT 50B	INTRODUCTION TO PROCEDURES & HOSPITAL ORIENTATION	No SLOs on file.
RSPT 50C	THERAPEUTICS & INTRODUCTION TO MECHANICAL VENTILATION	No SLOs on file.
RSPT 51A	INTRODUCTION TO RESPIRATORY ANATOMY & PHYSIOLOGY	No SLOs on file.
RSPT 51B	RESPIRATORY PHYSIOLOGY	No SLOs on file.
RSPT 51C	PATIENT ASSESSMENT & PULMONARY DISEASE	No SLOs on file.
RSPT 52	APPLIED SCIENCE FOR RESPIRATORY THERAPY	

SLO 1. Define and describe acids, bases and solutions.

SLO 2. Describe the nature of forces in physical and physiologic.

RSPT 53A	INTRODUCTION TO RESPIRATORY THERAPY PHARMACOLOGY	No SLOs on file.
RSPT 53B	ADVANCED RESPIRATORY THERAPY PHARMACOLOGY	No SLOs on file.
RSPT 54	ORIENTATION TO RESPIRATORY CARE	No SLOs on file.
RSPT 55A	DIRECTED STUDIES IN RESPIRATORY THERAPY I	No SLOs on file.
RSPT 55B	DIRECTED STUDIES IN RESPIRATORY THERAPY II	
	SLO 1. Review different aspects of patient care including: suctioning and infection control through different media programs.	
	SLO 2. Support concurrent lecture and laboratory sessions through an alternative learning resource.	
RSPT 55C	DIRECTED STUDIES IN RESPIRATORY THERAPY III	No SLOs on file.
RSPT 55D	DIRECTED STUDIES IN RESPIRATORY THERAPY IV	No SLOs on file.
RSPT 55E	DIRECTED STUDIES IN RESPIRATORY THERAPY V	No SLOs on file.
RSPT 55F	DIRECTED STUDIES IN RESPIRATORY THERAPY VI	
	SLO 1. Interprets information and accurately suggests treatment in the clinical simulations.	
	SLO 2. Differentiates between the different diagnoses in the clinical simulations.	
RSPT 55G	DIRECTED STUDIES IN RESPIRATORY THERAPY VII	
	SLO 1. Interprets data correctly and chooses correct treatments in the computer modules.	
	SLO 2. identifies respiratory problems based on information provided and chooses correct tests and procedures in the clinical simulations.	
RSPT 60A	CARDIOLOGY FOR RESPIRATORY THERAPISTS	No SLOs on file.
RSPT 60B	ADVANCED CARDIAC LIFE SUPPORT	
	SLO 1. Discuss airway care procedures and demonstrate intubation proficiency.	
	SLO 2. Explain how defibrillators function and their effect on the heart.	
RSPT 60C	PULMONARY DIAGNOSTICS	No SLOs on file.
RSPT 61A	ADULT MECHANICAL VENTILATION	No SLOs on file.
RSPT 61B	PERINATAL RESPIRATORY CARE	No SLOs on file.
RSPT 61C	HOME & REHABILITATIVE RESPIRATORY CARE	No SLOs on file.
RSPT 61D	PEDIATRIC RESPIRATORY CARE	No SLOs on file.
RSPT 62	MANAGEMENT, RESUME & NATIONAL BOARD EXAMINATION	No SLOs on file.
RSPT 63A	ADVANCED PATHOPHYSIOLOGY & PATIENT MANAGEMENT	
	SLO 1. Describe and identify the pathophysiology related to the signs and symptoms of pulmonary disorders.	
	SLO 2. Select the appropriate treatment for various pulmonary disorders.	
RSPT 65	COMPUTER PATIENT SIMULATIONS	
	SLO 1. Selects appropriate tests and treatments to successfully pass all clinical simulations programs.	
	SLO 2. Employs learned knowledge to successfully pass all clinical simulation programs.	
RSPT 70A	CLINICAL ROTATION I	No SLOs on file.
RSPT 70B	CLINICAL ROTATION II	No SLOs on file.
RSPT 70C	CLINICAL ROTATION III	No SLOs on file.
RSPT 70D	CLINICAL ROTATION IV	No SLOs on file.
RSPT 71A	EXTENDED CLINICAL INTERNSHIP IN RESPIRATORY THERAPY	No SLOs on file.
RSPT 71B	EXTENDED CLINICAL INTERNSHIP IN RESPIRATORY THERAPY	No SLOs on file.
RSPT 200L	INTRODUCTION TO RESPIRATORY THERAPY	No SLOs on file.



5 of 21 Course IDs for SOC in the Business and Social Sciences Division have SLO's.

2010-2011

Course ID	Title	SLO's
SOC 1	INTRODUCTION TO SOCIOLOGY	
	SLO 1. Students will identify the two main component parts or features of the sociological imagination.	
	SLO 2. Students will demonstrate an understanding of why the sociological imagination is sociologically significant.	
	SLO 3. Students will identify the basis of the scientific method.	
	SLO 4. Students will identify the leading components or indicators of methodology.	
	SLO 5. Students will identify two of the most important ideas in Sociology as a field of study.	
	SLO 6. Student will explain how two major ideas in Sociology as a field of study help them in their everyday lives.	
SOC 8	POPULAR CULTURE	
	SLO 1. Students will identify the two main component parts or features of the sociological imagination.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Students will demonstrate an understanding of why the sociological imagination is sociologically significant.	
	ILO 2. 4. Community/global consciousness and responsibility	
	SLO 3. Students will identify the component parts of the scientific method.	
	ILO 3. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	SLO 4. Students will identify the leading components or indicators of methodology.	
	ILO 4. 2. Creative, critical and analytical thinking 3. Computation	
SOC 10	INTRODUCTION TO SOCIAL RESEARCH	No SLOs on file.
SOC 11	INTRODUCTION TO SOCIAL WELFARE	No SLOs on file.
SOC 15	LAW & SOCIETY	
	SLO 1. Students should be able to identify different lawmaking systems in the United States.	
	ILO 1. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. Students should be able to compare and contrast major theoretical approaches to the study of law and society.	
	ILO 2. 2. Creative, critical and analytical thinking	
SOC 19	ALCOHOL & DRUG ABUSE	No SLOs on file.
SOC 20	MAJOR SOCIAL PROBLEMS	No SLOs on file.
SOC 21	PSYCHOLOGY OF WOMEN: SEX & GENDER DIFFERENCES	No SLOs on file.
SOC 23	RACE & ETHNIC RELATIONS	
	SLO 1. Students will recognize the component parts of theoretical models of racial and ethnic integration and exclusion.	
	SLO 2. Students will apply migration theories to the analysis of international migration.	
SOC 30	SOCIAL PSYCHOLOGY	No SLOs on file.
SOC 34H	HONORS INSTITUTE SEMINAR IN SOCIOLOGY	No SLOs on file.
SOC 35	DEPARTMENT HONORS PROJECTS IN SOCIOLOGY	No SLOs on file.
SOC 35X	DEPARTMENT HONORS PROJECTS IN SOCIOLOGY	No SLOs on file.
SOC 35Y	DEPARTMENT HONORS PROJECTS IN SOCIOLOGY	No SLOs on file.
SOC 35Z	DEPARTMENT HONORS PROJECTS IN SOCIOLOGY	No SLOs on file.
SOC 36	SPECIAL PROJECTS IN SOCIOLOGY	No SLOs on file.
SOC 36X	SPECIAL PROJECTS IN SOCIOLOGY	No SLOs on file.
SOC 36Y	SPECIAL PROJECTS IN SOCIOLOGY	No SLOs on file.

SOC 36Z	SPECIAL PROJECTS IN SOCIOLOGY	No SLOs on file.
SOC 40	ASPECTS OF MARRIAGE & FAMILY	
	SLO 1. Students will identify the two main component parts or features of the sociological imagination.	
	SLO 2. Students will demonstrate an understanding of why the sociological imagination sociologically significant.	
	SLO 3. Students will identify the basis of the scientific method.	
SOC 57	CHILD ADVOCACY	No SLOs on file.

0 of 15 Course IDs for SOSC in the Business and Social Sciences Division have SLO's. 2010-2011

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12 of 18 Course IDs for SPAN in the Language Arts Division have SLO's. 2010-2011

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Course ID	Title	SLO's
SPAN 1	ELEMENTARY SPANISH I	
	SLO 1. Understand and maintain a conversation about daily activities and upcoming plans using simple sentences.	
	SLO 2. Understand and write 1-2 paragraphs describing self and family and narrating daily routine, using the present and the periphrastic future.	
SPAN 1S	ELEMENTARY SPANISH	No SLOs on file.
SPAN 1T	ELEMENTARY SPANISH	No SLOs on file.
SPAN 2	ELEMENTARY SPANISH II	
	SLO 1. Understand and conduct short conversations, asking questions and giving information, about themselves and personal experiences, in the present, past and future.	
	SLO 2. Understand and produce paragraphs and shorts narrations about past experiences including childhood, youth and recent personal events, using the past + present and future.	
SPAN 2S	ELEMENTARY SPANISH II	No SLOs on file.
SPAN 3	ELEMENTARY SPANISH III	
	SLO 1. Understand and maintain brief conversations with different point of views, expressing suggestions and opinions with familiar language and simple sentences with some repetition and errors.	
	SLO 2. Express written opinions, identify key points of a short narration and react to them using supporting arguments.	
SPAN 4	INTERMEDIATE SPANISH I	
	SLO 1. Narrate events related to culture as well as historical events in the past, using the correct verb tenses, in the indicative and subjunctive mood.	
	ILO 1. 1. Communication 4. Community/global consciousness and responsibility	
	SLO 2. Identify the topic and main ideas of short authentic texts in order to summarize them both orally and in writing, and answer questions about them.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
SPAN 5	INTERMEDIATE SPANISH II	
	SLO 1. Write two-page compositions with the appropriate forms of all verb tenses with a greater level of grammatical accuracy.	
	SLO 2. Respond in writing to a wide range of genres of variable length and difficulty level.	

SPAN 6	INTERMEDIATE SPANISH III	
	<b>SLO 1.</b> Express and justify ideas and points of view using extended language with complex grammatical structures.	
	<b>ILO 1.</b> 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Write, criticize and edit extended texts on a wide range of subjects and genres.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking	
SPAN 13A	INTERMEDIATE CONVERSATION I	
	<b>SLO 1.</b> Initiate and maintain simple conversations in the present, past and future, on familiar topics.	
	<b>SLO 2.</b> Speak with some fluency, and a pronunciation that is understandable to natives used to interacting with foreigners.	
SPAN 13B	INTERMEDIATE CONVERSATION II	
	<b>SLO 1.</b> Initiate and maintain conversations on topics beyond the most immediate needs, tailoring the language to formal and informal situations.	
	<b>SLO 2.</b> Speak with increased fluency, and a pronunciation that is understandable to native speakers used to interacting with foreigners.	
SPAN 14A	ADVANCED CONVERSATION I	
	<b>SLO 1.</b> Express agreement and disagreement on various topics and orally summarize previous discussions or readings.	
	<b>SLO 2.</b> Speak with fluency and pronunciation that is understandable to native speakers not used to interacting with foreigners.	
SPAN 14B	ADVANCED CONVERSATION II	
	<b>SLO 1.</b> React and hypothesize on a wide range of topics.	
	<b>SLO 2.</b> Speak with fluency and pronunciation that is understandable to native speakers not used to interacting with foreigners.	
SPAN 25A	ADVANCED COMPOSITION & READING I	
	<b>SLO 1.</b> Demonstrates a developed ability to write with some precision and in some detail about a wide range of literary and non-literary topics.	
	<b>ILO 1.</b> 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	<b>SLO 2.</b> Demonstrates a developed ability to edit and criticize literary, non-literary and peer-written texts.	
	<b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking	
SPAN 25B	ADVANCED COMPOSITION & READING II	
	<b>SLO 1.</b> Able to understand the written language effectively in most formal and informal written exchanges to produce literary and non-literary texts.	
	<b>SLO 2.</b> Ability to understand the written language in a wider range of literary genres and in a variety of self developed styles.	
SPAN 236	SPECIAL PROJECTS IN SPANISH	No SLOs on file.
SPAN 236Y	SPECIAL PROJECTS IN SPANISH	No SLOs on file.
SPAN 236Z	SPECIAL PROJECTS IN SPANISH	No SLOs on file.

16 of 19 Course IDs for *SPED* in the Adaptive Learning Division have SLO's.

2010-2011

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Course ID	Title	SLO's
SPED 50	INTRODUCTION TO ADAPTIVE FITNESS TECHNIQUES	

- SLO 1. 1. Identify and assess the challenges presented to disabled in a fitness setting.  
ILO 1. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2. 2. Formulate a comprehensive exercise program for a specific disabled client.  
ILO 2. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SPED 52 POSITIVE AGING  
SLO 1. Compare and contrast the personalities of the veterans, boomers and gen Xers.  
SLO 2. Describe the differences between normal aging and healthy aging
- SPED 54 PRINCIPLES OF THERAPEUTIC EXERCISE  
SLO 1. 1. DESIGN A THERAPEUTIC FITNESS ROUTINE FOR ONE CHRONIC CONDITION  
ILO 1. 1. Communication 2. Creative, critical and analytical thinking  
SLO 2. 2. OUTLINE/GRAPH THE KEY ELEMENTS NEEDED TO DESIGN A EXERCISE ROUTINE  
ILO 2. 2. Creative, critical and analytical thinking
- SPED 55 GERIATRIC FITNESS CONCEPTS  
SLO 1. 1. Critique the role healthy behaviors play in successful aging  
ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation  
SLO 2. 2. Compose and explain 2 effective methods to predict motivation of older clients to exercise  
ILO 2. 1. Communication 2. Creative, critical and analytical thinking
- SPED 56 FUNCTIONAL ASPECTS OF ADAPTIVE FITNESS  
SLO 1. 1. Produce and explain to the class a functional fitness routine for a chronic condition  
ILO 1. 1. Communication 2. Creative, critical and analytical thinking  
SLO 2. 2. Explain and rationalize why functional fitness is important to a disabled person  
ILO 2. 1. Communication 2. Creative, critical and analytical thinking
- SPED 57 WORKING WITH SPECIAL POPULATIONS  
SLO 1. List the different learning styles  
SLO 2. Match which each learning style to the best practice to attain optimal learning
- SPED 59 SELECTED TOPICS IN SPECIAL EDUCATION No SLOs on file.  
SPED 61 INTRODUCTION TO DISABILITIES  
SLO 1. Identify and differentiate all the major categories of disabilities.  
ILO 1. 1. Communication  
SLO 2. Discuss the cultural experiences of the disabled person in America.  
ILO 2. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility  
SLO 3. Discuss philosophical paradigms of disability and its practical implications  
ILO 3. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility  
SLO 4. Create, design strategies for student/ client with disability  
ILO 4. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SPED 62 PSYCHOLOGICAL ASPECTS OF DISABILITY  
SLO 1. Examine the psychological and social impact disability has from an individual, family, and societal perspective.  
ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility  
SLO 2. Demonstrate an understanding and sensitivity towards people with disabilities.

	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
SPED 63	LEARNING DISABILITIES	
	SLO 1. Demonstrate knowledge of the definitions and characteristics of learning disabilities and related mild disabilities.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. Demonstrate the ability to develop appropriate strategies for students with learning disabilities and related mild disabilities in the general education classroom.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
SPED 64	DISABILITY & THE LAW	
	SLO 1. Identify the main federal and state laws governing disability access and the agencies empowered to implement those laws and monitor compliance in the community at large.	
	ILO 1. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. Analyze cases and determine the main issues and rules determining the outcomes of legal cases	
	ILO 2. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
SPED 65	FUNDAMENTALS OF ATTENTION DEFICIT DISORDERS	
	SLO 1. Student will differentiate scientific and medical fact about Attention Deficit Disorders from anecdotal, biased and unsupported opinion.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 2. Student will critically assess an appropriate medical provider for diagnosis and treatment plan for an Attention Deficit Disorder, either for themselves or for a family member.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 3. Students will create an organized portfolio of reference and resource information, designed to be used ongoing regarding medical treatments, education, employment and general life management of Attention Deficit Disorders.	
	ILO 3. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
SPED 66	DISABILITY & TECHNOLOGY ACCESS	
	SLO 1. Comprehend key concepts of assessment for adaptive technology	
	SLO 2. Apply understanding of a variety of Technology adaptations and where to find them	
SPED 69	SPECIAL EDUCATION STRATEGIES & PRACTICUM	No SLOs on file.
SPED 72	STRESS, WELLNESS & COPING	
	SLO 1. Apply at least three coping skills from the class, be able to identify personal stressors, and describe the effects in his or her life.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Demonstrate a reduction in stress symptoms (amount, frequency, or intensity).	
	ILO 2. 4. Community/global consciousness and responsibility	
SPED 73	INTRODUCTION TO AQUATIC EXERCISE	No SLOs on file.
SPED 74	PRINCIPLES OF ADAPTIVE AQUA FITNESS	No SLOs on file.
SPED 75	INTERNSHIP IN ADAPTIVE AQUATICS	No SLOs on file.
SPED 80	INTRODUCTION TO COLLEGE & ACCOMMODATIONS	
	SLO 1. Identify Foothill graduation requirements, 4-year college/university transfer requirements and personal lifetime goals.	
	ILO 1. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	

- SLO 2.** Develop an initial individual strategy for college success based upon the current disability access laws, understanding of their own disability, and knowledge of available Foothill College disability accommodations.
- ILO 2.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

41 of 60 Course IDs for *THTR* in the Fine Arts and Communication Division have SLO's.

2010-2011

Course ID	Title	SLO's
THTR 1	THEATRE ARTS APPRECIATION	<p><b>SLO 1.</b> Analyze and integrate his/her own artistic standards as they relate to theatrical performance and criticism</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking</p> <p><b>SLO 2.</b> The student can use examples from theatrical performances to illustrate his/her own artistic standards.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking</p> <p><b>SLO 3.</b> The student will be able to recognize different theatrical genres and asses the style of current theatrical presentations</p> <p><b>ILO 3.</b> 2. Creative, critical and analytical thinking</p>
THTR 2A	INTRODUCTION TO DRAMATIC LITERATURE	<p><b>SLO 1.</b> Students will be able to employ new perspectives and skills as applied to interpreting dramatic texts for content, plot development, image interpretation, language structure, character motivation, genre as needed in an employment situation.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p> <p><b>SLO 2.</b> Students develop relevant perception, social placement and regional inspiration of plays from Ancient Egypt through Elizabethan England from both Eastern and Western cultures as they apply to historical timelines.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility</p> <p><b>SLO 3.</b> Students actively apply content understanding to reflecting upon behaviors universal in human nature both past and present and will creatively apply these perspectives in employment situations.</p> <p><b>ILO 3.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>
THTR 2AS	INTRODUCTION TO DRAMATIC LITERATURE	<p><b>SLO 1.</b> Students will be able to employ new perspectives and skills as applied to interpreting dramatic texts for content, plot development, image interpretation, language structure, character motivation, genre as needed in an employment situation.</p> <p><b>ILO 1.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p> <p><b>SLO 2.</b> Students develop relevant perception, social placement and regional inspiration of plays from Ancient Egypt through Elizabethan England from both Eastern and Western cultures as they apply to historical timelines.</p> <p><b>ILO 2.</b> 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility</p> <p><b>SLO 3.</b> Students actively apply content understanding to reflecting upon behaviors universal in human nature both past and present and will creatively apply these perspectives in employment situations.</p> <p><b>ILO 3.</b> 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility</p>

## THTR 2AT INTRODUCTION TO DRAMATIC LITERATURE

- SLO 1.** Students will be able to employ new perspectives and skills as applied to interpreting dramatic texts for content, plot development, image interpretation, language structure, character motivation, genre as needed in an employment situation.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2.** Students develop relevant perception, social placement and regional inspiration of plays from Ancient Egypt through Elizabethan England from both Eastern and Western cultures as they apply to historical timelines.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 3.** Students actively apply content understanding to reflecting upon behaviors universal in human nature both past and present and will creatively apply these perspectives in employment situations.
- ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

## THTR 2B INTRODUCTION TO DRAMATIC LITERATURE

- SLO 1.** Students will be able to employ new perspectives and skills as applied to interpreting dramatic texts for content, plot development, image interpretation, language structure, character motivation, genre as needed in an employment situation.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2.** Students develop relevant perception, social placement and regional inspiration of plays from the Italian Renaissance through the early 20th Century as they apply to historical timelines.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 3.** Students actively apply content understanding to reflecting upon behaviors universal in human nature both past and present and will creatively apply these perspectives in employment situations.
- ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

## THTR 2BS INTRODUCTION TO DRAMATIC LITERATURE

- SLO 1.** Students will be able to employ new perspectives and skills as applied to interpreting dramatic texts for content, plot development, image interpretation, language structure, character motivation, genre as needed in an employment situation.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2.** Students develop relevant perception, social placement and regional inspiration of plays from the Italian Renaissance through the early 20th Century as they apply to historical timelines.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 3.** Students actively apply content understanding to reflecting upon behaviors universal in human nature both past and present and will creatively apply these perspectives in employment situations.
- ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

## THTR 2BT INTRODUCTION TO DRAMATIC LITERATURE

- SLO 1.** Students will be able to employ new perspectives and skills as applied to interpreting dramatic texts for content, plot development, image interpretation, language structure, character motivation, genre as needed in an employment situation.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility



**SLO 2.** Students develop relevant perception, social placement and regional inspiration of plays from the Italian Renaissance through the early 20th Century as they apply to historical timelines.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 3.** Students actively apply content understanding to reflecting upon behaviors universal in human nature both past and present and will creatively apply these perspectives in employment situations.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

#### THTR 2C INTRODUCTION TO DRAMATIC LITERATURE

**SLO 1.** Students will be able to employ new perspectives and skills as applied to interpreting dramatic texts for content, plot development, image interpretation, language structure, character motivation, genre as needed in an employment situation.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Students develop relevant perception, social placement and regional inspiration of plays from the early 20th century through contemporary/present day as they apply to historical timelines.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 3.** Students actively apply content understanding to reflecting upon behaviors universal in human nature both past and present and the direct social conditions and cultural blending promoting the development of selected works and will creatively apply these perspectives in employment situations.

#### THTR 2CS INTRODUCTION TO DRAMATIC LITERATURE

**SLO 1.** Students will be able to employ new perspectives and skills as applied to interpreting dramatic texts for content, plot development, image interpretation, language structure, character motivation, genre as needed in an employment situation.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Students develop relevant perception, social placement and regional inspiration of plays from the early 20th century through contemporary/present day as they apply to historical timelines.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 3.** Students actively apply content understanding to reflecting upon behaviors universal in human nature both past and present and the direct social conditions and cultural blending promoting the development of selected works and will creatively apply these perspectives in employment situations.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

#### THTR 2CT INTRODUCTION TO DRAMATIC LITERATURE

**SLO 1.** Students will be able to employ new perspectives and skills as applied to interpreting dramatic texts for content, plot development, image interpretation, language structure, character motivation, genre as needed in an employment situation.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Students develop relevant perception, social placement and regional inspiration of plays from the early 20th century through contemporary/present day as they apply to historical timelines.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 3.** Students actively apply content understanding to reflecting upon behaviors universal in human nature both past and present and the direct social conditions and cultural blending promoting the development of selected works and will creatively apply these perspectives in employment situations.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

THTR 5B PLAYWRITING

**SLO 1.** Students synthesize the scope and demands of language structure, formatting, industry standards and source inspiration creating original, dramatic compositions.

**SLO 2.** By transferring observations of human nature, its relationships and idiosyncrasies, into original composition, students enhance the relationship between analysis and critical thought.

**SLO 3.** Acquire significant insight into the process of performing art and the expected contributions of each of the main collaborators: playwrights, producers, directors, choreographers, actors, designers, stage managers, technicians.

THTR 5C INTERMEDIATE PLAYWRITING

No SLOs on file.

THTR 6 ADVANCED PLAYWRITING

No SLOs on file.

THTR 7 INTRODUCTION TO DIRECTING

**SLO 1.** Students can demonstrate an understanding of the relationship of the director to the total theatrical production.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Students can analyze and prepare a script for production.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation

**SLO 3.** Students can assemble actors for production through the audition and casting process.

**ILO 3.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 4.** Students can dramatize a theatrical scene utilizing the fundamentals of composition, movement, business and characterization.

**ILO 4.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

THTR 8 MULTICULTURAL PERFORMING ARTS IN MODERN AMERICA

No SLOs on file.

THTR 20A ACTING I

**SLO 1.** Students develop the voice and body as an instrument of expression while gaining confidence through the experience of interaction and audience performance.

**ILO 1.** 1. Communication

**SLO 2.** Students heighten abilities to analyze text and performance content for self-advancement.

**ILO 2.** 2. Creative, critical and analytical thinking

**SLO 3.** Students develop foundation knowledge of the processes of theatre as a collaborative art form.

**ILO 3.** 4. Community/global consciousness and responsibility

**SLO 4.** Students progress critical thinking and interpersonal communication skills as well as diversity perspectives through collaborative projects.

**ILO 4.** 1. Communication

**SLO 5.** Students gain and actively develop fundamental employment of the foundational acting premises.

**ILO 5.** 2. Creative, critical and analytical thinking

THTR 20B ACTING II

No SLOs on file.

THTR 20C ACTING III

No SLOs on file.

THTR 20D ACTING IV

**SLO 1.** Students develop the voice and body as an instrument of expression while gaining confidence through the experience of interaction and audience performance. And as such, have a newly acquired wealth of skills, theories and techniques giving them

advantage in the industry by increasing active knowledge of prescribed performance genres.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility

**SLO 2.** Students heighten abilities to analyze text and performance content for self-advancement, progress critical thinking and interpersonal communication skills as well as diversity perspectives through collaborative projects. All paramount preparations for a well-rounded artist to perceive and employ in the field

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**THTR 20E**            **ADVANCED ACTING V**

**SLO 1.** Students develop the voice and body as an instrument of expression while gaining confidence through the experience of interaction and audience performance.

**SLO 2.** Students heighten abilities to analyze text and performance content for self-advancement.

**SLO 3.** Students progress critical thinking and interpersonal communication skills as well as diversity perspectives through collaborative projects.

**SLO 4.** Students gain and actively develop advanced acting theories and techniques of improvisation, character development, emotional keying.

**THTR 21**            **INTRODUCTION TO TECHNICAL THEATRE**

**SLO 1.** Students can identify basic tools and hardware used in theatrical productions.

**ILO 1.** 1. Communication

**SLO 2.** Students can recall the jobs and functions of administrative and artistic personnel in theatre, film, and television

**ILO 2.** 1. Communication

**THTR 21A**            **SCENERY & PROPERTY CONSTRUCTION**

**SLO 1.** Students can demonstrate the safe use of basic hand and power woodworking tools used in the production of scenery.

**ILO 1.** 1. Communication

**SLO 2.** Students can describe and demonstrate knowledge of safe practices required in the creation and handling of stage scenery in stage and shop areas

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**THTR 21B**            **INTERMEDIATE SCENERY & PROPERTY CONSTRUCTION**

**SLO 1.** Students can safely construct small projects using correct tools and procedures

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Students can read and interpret shop drawings for scenic units and plan the steps need for construction

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**THTR 21C**            **ADVANCED SCENERY & PROPERTIES CONSTRUCTION**

**SLO 1.** Students can assess the material and tool requirements to independently plan and create simple scenery and properties for theatrical productions.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking

**SLO 2.** Students can demonstrate the safe use of basic tools for metal working used in theatrical productions.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking

**THTR 22**            **AUDITIONING FOR THEATRE**

No SLOs on file.

**THTR 23**            **ACTING FOR FILM & TELEVISION**

No SLOs on file.

**THTR 23X**            **ACTING FOR FILM & TELEVISION**

No SLOs on file.

**THTR 25**            **INTRODUCTION TO FASHION & COSTUME CONSTRUCTION**

No SLOs on file.

**THTR 26**            **INTRODUCTION TO FASHION HISTORY & COSTUME DESIGN**

No SLOs on file.

**THTR 35**            **DEPARTMENT HONORS PROJECTS IN DRAMA**

No SLOs on file.

**THTR 38**            **MOVEMENT PRACTICUM FOR THE ACTOR**

- SLO 1.** Students, through introduction of theory into focused exploration, achieve a greater comprehension of their own personal body mechanics and expression potential in performance.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking
- SLO 2.** Students, through personally and secondarily examining the relationship between body and mind and the integration thereof, employed the cohesive properties of breath and body impulse in generating performance.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation
- SLO 3.** Students effectively incorporate various stress reduction and relaxation techniques.
- ILO 3.** 1. Communication 2. Creative, critical and analytical thinking
- SLO 4.** Students increase movement vocabulary and characterization potential through applied, active study of movement theories and theorists.
- ILO 4.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

THTR 38D MOVEMENT FOR THE ACTOR:STAGE COMBAT No SLOs on file.  
THTR 40A BASIC THEATRICAL MAKE-UP

- SLO 1.** Students can identify and compare the use and effectiveness of available makeup products and materials.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 2.** Students can demonstrate skills in the design and application of theatrical makeup.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking
- SLO 3.** Students are able to employ basic design skills, including drawing, painting and clay modeling.
- ILO 3.** 1. Communication 2. Creative, critical and analytical thinking
- SLO 4.** Students can locate and give examples of facial anatomy as it pertains to various character factors, including age, gender, race, and species.
- ILO 4.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

THTR 40B THEATRICAL MAKE-UP FOR PRODUCTION

- SLO 1.** Students can identify and compare the use and effectiveness of a full range of available makeup products and materials.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 2.** Students can demonstrate skills in the design and application of theatrical makeup for production.
- ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 3.** Students can demonstrate skills in the use of advanced makeup materials.
- ILO 3.** 1. Communication 2. Creative, critical and analytical thinking
- SLO 4.** Students can locate and give examples of facial anatomy as it pertains to various character factors, including age, gender, race, and species.
- ILO 4.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

THTR 43A FOUNDATIONS IN REALISTIC ACTING No SLOs on file.  
THTR 44 PRODUCTION PROJECTS

- SLO 1.** Identify and assimilate the literature and history of a specific time period, cultural or ethnic experience, or historical epoch selected for the quarter's study.
- ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility
- SLO 2.** Distinguish and practice a variety of activities necessary for the actor in production, from either the perspective of the actor or director, including the employment of a specific acting technique, as well as movement techniques and vocal production skills.

	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 3. Identify and perform one or more aspects of technical theatre relevant to production, including directing, stage management, lighting and sound design and operation, set design and construction, properties, costumes, stage makeup, and publicity.	
	ILO 3. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
THTR 47	MUSIC THEATRE PRODUCTION WORKSHOP	
	SLO 1. Through critical thinking, problem solving, teamwork practices students challenge, synthesize and develop skills pertaining to the designated assignment (performer, choreographer, designer, stage manager, technician, musical director, musician) in staging a fully-realized, large-scale, live musical theatrical performance.	
	SLO 2. Students, through personal involvement, gain experiential knowledge of the many processes necessary for preparing and producing a fully-realized, large-scale, live musical theatrical performance--rehearsal process, technical rehearsal, fusion of design concepts, performance standards, auditioning and casting, publicity.	
THTR 47X	MUSIC THEATRE PRODUCTION WORKSHOP	
	SLO 1. Students, through personal involvement, gain experiential knowledge of the many processes necessary for preparing and producing a fully-realized, large-scale, live musical theatrical performance--rehearsal process, technical rehearsal, fusion of design concepts, performance standards, auditioning and casting, publicity.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 2. Through critical thinking, problem solving, teamwork practices students challenge, synthesize and develop skills pertaining to the designated assignment (performer, choreographer, designer, stage manager, technician, musical director, musician) in staging a fully-realized, large-scale, live musical theatrical performance.	
	ILO 2. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
THTR 48	VOICE PRACTICUM FOR THE ACTOR	
	SLO 1. Students, through introduction of theory into guided examination, develop the ability to harness greater breath capacity, vocal sustainability, projection potential, resonance, articulation and placement for incorporation into performance for both indoor and outdoor venues.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 2. Students integrate the demands of performing with targeted English language dialects through the employment of the International Phonetic Alphabet (IPA), thereby providing the foundation for employment of IPA towards performance with dialect or accent requirements.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility	
THTR 49	REHEARSAL & PERFORMANCE	No SLOs on file.
THTR 49X	REHEARSAL & PERFORMANCE	No SLOs on file.
THTR 49Y	REHEARSAL & PERFORMANCE	
	SLO 1. Through critical thinking, problem solving, teamwork practices students challenge, synthesize and develop skills pertaining to the designated assignment (actor, designer, stage manager, technician) in staging a fully-realized, live theatrical performance.	
	SLO 2. Students, through personal involvement, gain experiential knowledge of the many processes necessary for preparing and producing a fully-realized, live theatrical performance--rehearsal process, technical rehearsal, fusion of design concepts, performance standards, auditioning and casting, publicity.	
THTR 50	PRODUCTION PROJECTS IN THEATRE	
	SLO 1. Students discover and investigate skills applicable to the creation of all aspects of theatre production.	

	SLO 2. Students practice and apply skills in multiple areas of theatre, including playwriting, acting, directing, design, management and marketing.	
	SLO 3. Students identify and explore relevant, topical, contemporary issues and themes upon which to build a production.	
THTR 53	AUDITIONING FOR THEATRE	No SLOs on file.
THTR 54	ACTOR'S WORKSHOP	
	SLO 1. Students develop and practice additional skills in stage characterization, movement and voice, focusing on a high level of versatility.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 2. Students are able to identify acting strengths and weaknesses, and convert weaknesses into additional strengths.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking	
THTR 79	MODEL BUILDING FOR THEATRE, FILM & TELEVISION	No SLOs on file.
THTR 80	RECORDING ARTS I: SOUND REINFORCEMENT	No SLOs on file.
THTR 81	CONTEMPORARY ISSUES IN PERFORMANCE SEMINAR	
	SLO 1. Distinguish and examine the contemporary performance and business trends of the entertainment industry.	
	ILO 1. 1. Communication 4. Community/global consciousness and responsibility	
	SLO 2. Analyze and evaluate theatrical productions by professional and nonprofessional performers and companies.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
	SLO 3. Recognize and identify the industry standards of ethical behaviors and practices for professionals.	
	ILO 3. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility	
THTR 85	DIRECTED FIELD STUDY IN THEATRE	
	SLO 1. Through observation of outstanding, live, professional theatre, students gain insight and perspective into the unique symbiosis of text, direction, acting and design in creating a vessel of meaningful communication to an audience.	
	SLO 2. Students deepen analytic abilities through relating various components of the art form to issues of personal, cultural, political, social, relevance and reflection.	
THTR 85X	DIRECTED FIELD STUDY IN THEATRE	No SLOs on file.
THTR 85Y	DIRECTED FIELD STUDY IN THEATRE	No SLOs on file.
THTR 85Z	DIRECTED FIELD STUDY IN THEATRE	No SLOs on file.
THTR 95	THEATRE SUMMER STOCK WORKSHOP	
	SLO 1. Through critical thinking, problem solving, teamwork practices students challenge, synthesize and develop skills pertaining to the designated assignment (actor, designer, stage manager, technician) in staging a fully-realized live theatrical performance.	
	SLO 2. Students, through personal interaction and involvement, gain experiential knowledge of the many processes necessary for preparing and producing a fully realized live theatrical performance--rehearsal process, technical rehearsal, fusion of design concepts, performance standards, auditioning and casting, publicity.	
	SLO 3. Students furthermore process direct knowledge through personal involvement the roles, demands, terminology, expectations of developing a production in the model of a professional/semi-professional structured theatre environment.	
THTR 95X	THEATRE SUMMER STOCK WORKSHOP	
	SLO 1. Through critical thinking, problem solving, teamwork practices students challenge, synthesize and develop skills pertaining to the designated assignment (actor, designer, stage manager, technician) in staging a fully-realized live theatrical performance.	



- SLO 2.** Students, through personal interaction and involvement, gain experiential knowledge of the many processes necessary for preparing and producing a fully realized live theatrical performance--rehearsal process, technical rehearsal, fusion of design concepts, performance standards, auditioning and casting, publicity.
- SLO 3.** Students furthermore process direct knowledge through personal involvement the roles, demands, terminology, expectations of developing a production in the model of a professional/semi-professional structured theatre environment.

THTR 97	ACTORS' ENSEMBLE	No SLOs on file.
THTR 97X	ACTORS' ENSEMBLE	No SLOs on file.
THTR 97Y	ACTORS' ENSEMBLE	No SLOs on file.
THTR 97Z	ACTORS' ENSEMBLE	No SLOs on file.
THTR 99	THEATRE WORKSHOP	No SLOs on file.
THTR 99X	THEATRE WORKSHOP	No SLOs on file.

- SLO 1.** Students, through personal involvement, gain experiential knowledge of the processes and terminology necessary for preparing and producing a fully-realized, live theatrical performance--rehearsal process, technical rehearsal, fusion of design concepts, performance standards, auditioning and casting, publicity.
- SLO 2.** Through critical thinking, problem solving, teamwork practices students challenge, synthesize and develop skills pertaining to the designated assignment (performer, designer, stage manager, technician, choreographer) in staging a fully-realized, live theatrical performance.

34 of 44 Course IDs for V T in the Biological and Health Sciences Division have SLO's. 2010-2011

Course ID	Title	SLO's
V T 50	CURRENT TOPICS IN VETERINARY TECHNOLOGY	<p><b>SLO 1.</b> Reflect upon and evaluate the value of the topical information presented and discuss the relevance and relationship to the Veterinary Technology Core Curriculum.</p> <p><b>SLO 2.</b> Identify, appraise, and articulate the broad scope of career opportunities obtainable in the veterinary field.</p>
V T 51	INTRODUCTION TO VETERINARY TECHNOLOGY	<p><b>SLO 1.</b> List available relevant information sources and articulate the Veterinary Technology Program Prerequisites and Application requirements.</p> <p><b>SLO 2.</b> Read, evaluate, and reflect on a topical article from the veterinary or veterinary technology literature.</p>
V T 52A	VETERINARY ASSISTING I	<p><b>SLO 1.</b> Describe the role of the Veterinary Assistant in the veterinary health care team; articulate and distinguish the scope of allowable tasks and responsibilities from those of the Licensed Veterinary Technician.</p> <p><b>SLO 2.</b> Describe the essential tasks and responsibilities of the Veterinary Assistant working in the front office of the veterinary practice.</p>
V T 52B	VETERINARY ASSISTING II	<p><b>SLO 1.</b> Identify and list the essential equipment, supplies, and steps required and the the required actions and behavior when assisting the veterinary technician or veterinarian with a variety of common clinical diagnostic procedures.</p> <p><b>SLO 2.</b> Identify and list the essential equipment, supplies, and steps required and the the required actions and behavior when assisting the veterinary technician or veterinarian with a variety of common clinical therapeutic procedures.</p>
V T 53A	MEDICAL TERMINOLOGY	



	SLO 1. Acquire a fundamental veterinary medical vocabulary and apply to speaking and writing.
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking
	SLO 2. Analyze and interpret medical words and terminology.
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking
V T 53B	MEDICAL CALCULATIONS
	SLO 1. Demonstrate the knowledge and ability required to quickly and accurately calculate common drug dose calculations.
	ILO 1. 2. Creative, critical and analytical thinking 3. Computation
	SLO 2. Demonstrate the knowledge and ability required to quickly and accurately calculate common intravenous fluid dose and infusion rate calculations.
	ILO 2. 2. Creative, critical and analytical thinking 3. Computation
V T 53C	INTRODUCTION TO LARGE ANIMAL CARE
V T 53D	INTRODUCTION TO DAIRY CATTLE HEALTH MANAGEMENT
	No SLOs on file.
	SLO 1. Articulate the basic principles of the husbandry and health management of beef and dairy cattle.
	SLO 2. Correctly identify common breeds of beef and dairy cattle.
V T 53E	INTRODUCTION TO SMALL RUMINANT HEALTH MANAGEMENT
V T 53F	INTRODUCTION TO SWINE HEALTH MANAGEMENT
	No SLOs on file.
	SLO 1. Articulate the basic principles of the husbandry and health management of swine.
	SLO 2. Correctly identify the common breeds of swine.
V T 54A	COMPARATIVE VETERINARY ANATOMY & PHYSIOLOGY FOR THE VETERINARY TECHNICIAN
	SLO 1. Recognize and identify the normal anatomy of selected organs and organ systems of domestic animals and relate it to the clinical practice of veterinary technology.
	SLO 2. Know and explain the normal physiology of selected organs and organ systems of domestic animals and relate it to the clinical practice of veterinary technology.
V T 54B	COMPARATIVE VETERINARY ANATOMY & PHYSIOLOGY FOR THE VETERINARY TECHNICIAN
V T 55	ANIMAL MANAGEMENT & CLINICAL SKILLS I
	No SLOs on file.
	SLO 1. Demonstrate entry-level competence in the proper restraint and handling of companion animals.
	SLO 2. Articulate the importance of the Universal Precautions and principles of Aseptic Technique and demonstrate the practical application of those principles in a variety of common clinical situations.
	SLO 3. Recognize and articulate the common hazards encountered in the veterinary workplace, explain the Code of Safe Practices, and recall the Personal Protective Equipment required for various clinical tasks.
V T 56	ANIMAL MANAGEMENT & CLINICAL SKILLS II
	SLO 1. Demonstrate entry-level competency in the essential medical and surgical nursing tasks required of the first year Veterinary Technology student.
	ILO 1. 2. Creative, critical and analytical thinking
	SLO 2. Correctly set up for and perform the common diagnostic tests and therapeutic techniques typically assigned to the Licensed Veterinary Technician.
	ILO 2. 2. Creative, critical and analytical thinking
V T 60	VETERINARY OFFICE PRACTICE
	SLO 1. Reflect and evaluate their own personal strengths and weaknesses in interpersonal communication in the veterinary workplace.
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking
	SLO 2. Demonstrate the ability to provide effective client education for a variety of common veterinary conditions and circumstances.

## ILO 2. 1. Communication 2. Creative, critical and analytical thinking

V T 61	ANIMAL DISEASES	
	SLO 1. Know and explain the basic pathophysiology of the common diseases of domestic animals.	
	SLO 2. Identify common ecto- and endoparasites of domestic animals and explain the clinical significance of each to veterinary patients.	
V T 66	EXOTIC ANIMAL CARE	No SLOs on file.
V T 70	FUNDAMENTALS OF VETERINARY DIAGNOSTIC IMAGING	
	SLO 1. Know and apply the principles of veterinary radiography to consistently produce diagnostic radiographs of animal patients.	
	SLO 2. Routinely and unfailingly employ all of the principles of radiation safety when working around ionizing radiation.	
V T 72	PRINCIPLES OF VETERINARY DENTISTRY	
	SLO 1. Safely and correctly perform a complete dental prophylaxis on a veterinary companion animal patient at an entry level of competency.	
	SLO 2. Prepare and effectively deliver client education regarding home dental care for companion animals.	
V T 75A	ANIMAL CARE SKILLS I	
	SLO 1. Conscientiously and safely perform assigned routine husbandry duties and prescribed medical care of veterinary technology teaching animals.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 2. Make accurate entries into the animals records and demonstrate the ability to work cooperatively and communicate effectively with other members of the health care team.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking	
V T 75B	ANIMAL CARE SKILLS II	
	SLO 1. Conscientiously and safely perform assigned routine husbandry duties and prescribed medical care of veterinary technology teaching animals.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 2. Make accurate entries into the animals records and demonstrate the ability to work cooperatively and communicate effectively with other members of the health care team.	
	ILO 2. 2. Creative, critical and analytical thinking	
V T 75C	ANIMAL CARE SKILLS III	No SLOs on file.
V T 75D	ANIMAL CARE SKILLS IV	No SLOs on file.
V T 81	CLINICAL PATHOLOGY METHODS	
	SLO 1. Assemble all required equipment and materials and perform a Complete Blood Count (CBC) on a animal blood sample.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
	SLO 2. Assemble all required equipment and materials and perform a Complete Urinalysis (UA) on a animal urine sample.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation	
V T 83	PHARMACOLOGY FOR TECHNICIANS	
	SLO 1. Know and articulate "The Five Rights" for safe and correct administration of veterinary drugs to animal patients.	
	SLO 2. List and discuss the mechanism of action, indications, contraindications, and adverse effects of the common veterinary pharmaceuticals in all drug classes.	
V T 84	ANESTHESIOLOGY FOR TECHNICIANS	
	SLO 1. Thoroughly and systematically perform a pre-anesthetic assessment of a veterinary patient and correctly identify the risk category of that patient.	
	ILO 1. 2. Creative, critical and analytical thinking	

	SLO 2. Safely and competently prepare, induce, maintain, and recover a dog and a cat from general anesthesia.	
	ILO 2. 2. Creative, critical and analytical thinking	
V T 85	VETERINARY EMERGENCY & CRITICAL CARE	
	SLO 1. Recognize and articulate the common history and clinical signs of common veterinary emergency conditions.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Quickly and competently assess an emergency/critical care patient and perform effective triage.	
	ILO 2. 2. Creative, critical and analytical thinking	
V T 86	LABORATORY ANIMAL TECHNOLOGY	No SLOs on file.
V T 86L	LABORATORY ANIMAL METHODS	
	SLO 1. Demonstrate entry-level competency in the humane and proper restraint and handling of common laboratory animal species.	
	SLO 2. Demonstrate entry-level competency in the essential clinical methods and procedures commonly performed on common laboratory animal species in biomedical facilities	
V T 87A	ADVANCED ANIMAL CARE SKILLS I	
	SLO 1. Conscientiously and safely perform assigned routine husbandry duties and prescribed medical care of veterinary technology teaching animals.	
	SLO 2. Make accurate entries into the animals records and demonstrate the ability to work cooperatively and communicate effectively with other members of the health care team.	
V T 87B	ADVANCED ANIMAL CARE SKILLS II	
	SLO 1. Conscientiously and safely perform assigned routine husbandry duties and prescribed medical care of veterinary technology teaching animals.	
	ILO 1. 2. Creative, critical and analytical thinking	
	SLO 2. Make accurate entries into the animals records and demonstrate the ability to work cooperatively and communicate effectively with other members of the health care team.	
	ILO 2. 2. Creative, critical and analytical thinking	
V T 87C	ADVANCED ANIMAL CARE SKILLS III	No SLOs on file.
V T 88A	CLINICAL PRECEPTORSHIP I	No SLOs on file.
V T 88B	CLINICAL PRECEPTORSHIP II	No SLOs on file.
V T 89	CLINICAL INTERNSHIP I	No SLOs on file.
V T 91	CLINICAL INTERNSHIP II	
	SLO 1. Observe, practice, and ultimately demonstrate entry-level competency in Level 2 of the List of Essential Tasks for Graduate Veterinary Technicians.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 2. Consistently exhibit a strong work ethic and demonstrate the ability to adapt to to various methodologies and practice philosophies and successfully integrate into the veterinary workplace.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking	
V T 92	CLINICAL INTERNSHIP III	
	SLO 1. Observe, practice, and ultimately demonstrate entry-level competency in Level 3 of the List of Essential Tasks for Graduate Veterinary Technicians.	
	ILO 1. 1. Communication 2. Creative, critical and analytical thinking	
	SLO 2. Consistently exhibit a strong work ethic and demonstrate the ability to adapt to to various methodologies and practice philosophies and successfully integrate into the veterinary workplace.	
	ILO 2. 1. Communication 2. Creative, critical and analytical thinking	
V T 93	CLINICAL INTERNSHIP IV	No SLOs on file.
V T 95	VETERINARY TECHNICIAN PROFICIENCY	

**SLO 1.** Prepare and produce accurate and comprehensive written review materials to prepare for and pass the CA Registered Veterinary Technician Licensing Exam.

**SLO 2.** Study and answer practice sets of exam questions with 75% or greater accuracy to prepare for and pass the CA Registered Veterinary Technician Licensing Exam.

**V T 95L VETERINARY TECHNICIAN PROFICIENCY LABORATORY**

**SLO 1.** Complete all VT Program Competency Checklists.

**SLO 2.** Reflect on their own clinical skills strengths and weaknesses and review, practice, and demonstrate entry-level competency in needed skills required of a graduate Veterinary Technician.

**V T 290 DIRECTED STUDY**

**SLO 1.** Prepare and present a practical and substantial project proposal that includes specific objectives for Independent Study in Veterinary Technology.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Prepare and submit a comprehensive written project summary that meets the objectives of the independent study project proposal.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**V T 290X DIRECTED STUDY**

**SLO 1.** Prepare and present a practical and substantial project proposal that includes specific objectives for Independent Study in Veterinary Technology.

**ILO 1.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Prepare and submit a comprehensive written project summary that meets the objectives of the independent study project proposal.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**V T 290Y DIRECTED STUDY**

**SLO 1.** Prepare and present a practical and substantial project proposal that includes specific objectives for Independent Study in Veterinary Technology.

**ILO 1.** 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**SLO 2.** Prepare and submit a comprehensive written project summary that meets the objectives of the independent study project proposal.

**ILO 2.** 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

**V T 290Z DIRECTED STUDY**

**SLO 1.** Prepare and present a practical and substantial project proposal that includes specific objectives for Independent Study in Veterinary Technology.

**SLO 2.** Prepare and submit a comprehensive written project summary that meets the objectives of the independent study project proposal.

25 of 21 Course IDs for VART in the Fine Arts and Communication Division have SLO's.

2010-2011

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Course ID	Title	SLO's
VART 1	INTRODUCTION TO FILM STUDIES	
	<b>SLO 1.</b> Demonstrate the ability to analyze and synthesize the language of moving image media.	
	<b>SLO 2.</b> Interpret and evaluate a variety of contexts and ideologies within different film forms.	
	<b>SLO 3.</b> Identify and analyze the technological components of film and video making.	

- VART 2A HISTORY OF FILM 1895-1945
- SLO 1. Identify and explain basic facts and evolution of the early techniques and technologies of film-making.
  - SLO 2. Identify major film historical movements in U.S. and International film from 1895 to 1940.
  - SLO 3. Demonstrate the ability to analyze and synthesize the language of moving image media.
- VART 2B HISTORY OF FILM 1945-CURRENT
- SLO 1. Identify major film historical movements in U.S. and International film from 1940 through today.
  - SLO 2. Demonstrate the ability to analyze film's role in the shaping of cultural values and perceptions.
  - SLO 3. Identifies the evolution of film and video technologies and techniques from 1940 to today
- VART 2C CURRENT TRENDS IN FILM, TV & THE INTERNET
- SLO 1. Demonstrate the ability to analyze and synthesize the language of moving image media.
  - SLO 2. Analyze the role of new media in the shaping of cultural values and perceptions.
  - SLO 3. Identify and describe the evolution of form, style, genre, and historical trend within contemporary new media.
- VART 3 AMERICAN CINEMA
- SLO 1. Identify and explain major trends in the evolution of American film as an art form.
  - SLO 2. Demonstrates knowledge of film's role in business, entertainment, and popular culture.
  - SLO 3. Analyzes American film's role in the shaping of cultural values and perceptions.
  - SLO 4. Identify the contributions made to the evolution of film and video art by leading American filmmakers, including media makers of diverse populations.
- VART 4 SCRIPTWRITING FOR FILM & VIDEO
- SLO 1. Demonstrate a command of the principles of story structure for fiction and non-fiction forms.
  - SLO 2. Write short scripts for video and film in fiction and non-fiction formats.
  - SLO 3. Develop the skills necessary to create clearly defined, dynamic characters.
- VART 15 WEB VIDEO
- SLO 1. Applies accurate video production principles to the creation of internet media.
  - SLO 2. Applies correct principles of compression to the creation of internet media.
  - SLO 3. Demonstrates a comprehensive understanding of the web video workflow.
- VART 20 DIGITAL VIDEO PRODUCTION I
- SLO 1. Demonstrates a working knowledge of basic video production principles.
  - SLO 2. Demonstrates a working knowledge of basic video production equipment.
  - SLO 3. Demonstrates a comprehensive knowledge of the video production process and the skills necessary to function successfully as a member of a production team.
  - SLO 4. Analyzes the creative and technical decisions made in the video production process.
- VART 21 DIGITAL VIDEO PRODUCTION II
- SLO 1. Demonstrates a working knowledge of intermediate to advanced level video production principles.
  - SLO 2. Demonstrates a working knowledge of intermediate to advanced level video production equipment.
  - SLO 3. Demonstrates the ability to analyze and critique the creative and technical decisions made in video production.
- VART 30 DIGITAL VIDEO EDITING I
- SLO 1. Apply the basic aesthetic and technical principles of non-linear editing to the creation of video.

- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation
- SLO 2. Demonstrate introductory knowledge of video post – production processes and workflow.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking 3. Computation
- SLO 3. Analyze and critique the creative and technical decisions made in the editing of video.
- ILO 3. 1. Communication 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

VART 31 DIGITAL VIDEO EDITING II

- SLO 1. Demonstrates the ability to create a moving image portfolio using intermediate to advanced level aesthetic and technical editing principles.
- ILO 1. 1. Communication 2. Creative, critical and analytical thinking 3. Computation 4. Community/global consciousness and responsibility
- SLO 2. Demonstrates comprehensive knowledge of the video post – production process and workflow.
- ILO 2. 1. Communication 2. Creative, critical and analytical thinking
- SLO 3. Analyze and critique the creative and technical decisions made in the editing of video.
- ILO 3. 2. Creative, critical and analytical thinking 4. Community/global consciousness and responsibility

VART 50 CAREERS IN THE VISUAL ARTS

- SLO 1. Demonstrate an awareness of various career options for visual and media artists.
- SLO 2. Identify examples of visual art representing each of ten careers options for visual artists.

VART 80 SPECIAL PROJECTS IN VIDEO

- SLO 1. Apply skills learned in previously completed courses to new production activity or intensive research on a defined subject as identified through discussion and negotiation between instructor and student.
- SLO 2. Demonstrates creative problem solving and analysis skills in the video production process through the completion of an independent study project.

VART 80X SPECIAL PROJECTS IN VIDEO

- SLO 1. Apply skills learned in previously completed courses to new production activity or intensive research on a defined subject as identified through discussion and negotiation between instructor and student.
- SLO 2. Demonstrates creative problem solving and analysis skills in the video production process through the completion of an independent study project.

VART 80Y SPECIAL PROJECTS IN VIDEO

- SLO 1. Apply skills learned in previously completed courses to new production activity or intensive research on a defined subject as identified through discussion and negotiation between instructor and student.
- SLO 2. Demonstrates creative problem solving and analysis skills in the video production process through the completion of an independent study project.

VART 81B SOUND DESIGN FOR FILM & VIDEO

- SLO 1. Design and assemble a soundtrack from different sources, both pre-recorded and recorded.
- SLO 2. Describe and discuss the aesthetic qualities of sound and music as it relates to the content of video.

VART 87 MOTION GRAPHICS

- SLO 1. Demonstrate an understanding of the language and characteristics of motion graphics.
- SLO 2. Demonstrate a working knowledge of digital media computer software.
- SLO 3. Assess form, content and technique when solving problems in time based media.

VART 150 VIDEO ARTS LABORATORY

**SLO 1.** Develop specific skills being taught in video arts courses in which the student is currently enrolled. Examples include, video editing and production aesthetics, video software and hardware skills, pre-production, scriptwriting.

**SLO 2.** Demonstrate increased skills in the subject areas addressed via independent study.

**VART 150X VIDEO ARTS LABORATORY**

**SLO 1.** Develop specific skills being taught in video arts courses in which the student is currently enrolled. Examples include, video editing and production aesthetics, video software and hardware skills, pre-production, scriptwriting.

**SLO 2.** Demonstrate increased skills in the subject areas addressed via independent study.

**VART 150Y VIDEO ARTS LABORATORY**

**SLO 1.** Develop specific skills being taught in video arts courses in which the student is currently enrolled. Examples include, video editing and production aesthetics, video software and hardware skills, pre-production, scriptwriting.

**SLO 2.** Demonstrate increased skills in the subject areas addressed via independent study.

**VART 150Z VIDEO ARTS LABORATORY**

**SLO 1.** Develop specific skills being taught in video arts courses in which the student is currently enrolled. Examples include, video editing and production aesthetics, video software and hardware skills, pre-production, scriptwriting.

**SLO 2.** Demonstrate increased skills in the subject areas addressed via independent study.

0 of 15 Course IDs for *VITI* in the Biological and Health Sciences Division have SLO's.

2010-2011

0 of 10 Course IDs for *WMN* in the Business and Social Sciences Division have SLO's.

2010-2011

Totals: 912 of 2209 (41.29%) Course ID have Student Learning Outcomes defined.

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**Student Learning Outcome Administration System**

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