College Curriculum Committee Meeting Agenda
Tuesday, May 19, 2015
2:00 p.m. – 3:30 p.m.
President's Conference Room

Item	Action	Attachment	Presenter
1. Minutes: May 5, 2015	Action	#5/19/15-1	Escoto
2. Announcements a. New Course Proposals b. Curriculum Refresher dates c. Curriculum Demo Feedback	Information	#5/19/15-2 thru 6	Escoto LaManque
3. Consent Calendar a. Stand Alone Forms	Action	#5/19/15-7 thru 16	Escoto
4. LINC Course Sequencing	Discussion		Krause, McGriff
5. SLO/COR Relationship	Discussion		Escoto
6. Local GE	Discussion		Escoto
7. Online Course Standards Resolution	Info/Discuss	#5/19/15-17	Escoto
8. Course Equivalency	Discussion		Escoto
9. Report Out	Information		All
10. Good of the Order	Information		All
11. Adjournment			Escoto

Consent Calendar:

Stand Alone Forms (attachments #7-16): APPT 185, 186, 187, 188, 189, 190, 191, 192, 193, 194

Attachment List:

#5/19/15-1 Draft Minutes: May 5, 2015
#5/19/15-2 New Course Proposal-CHEM 11A
#5/19/15-3 New Course Proposal-CHEM 11B
#5/19/15-4 New Course Proposal-CHEM 11C
#5/19/15-5 New Course Proposal-D H 504
#5/19/15-6 New Course Proposal-HORT 27
#5/19/15-17 Draft Resolution: Responsibility for Development of Online Course Standards

2014 -2015 Curriculum Committee Meetings

Fall 2014 Quarter:	Winter 2015 Quarter	Spring 2015 Quarter
~~10/7/14~~	~~1/20/15~~	~~4/21/15~~
~~10/21/14~~	~~2/3/15~~	~~5/5/15~~
~~11/4/14~~	~~2/17/15~~	5/19/15
~~11/18/14~~	~~3/3/15~~	6/2/15
~~12/2/14~~	~~3/17/15~~	6/16/15

* Standing reminder: items for inclusion on the CCC agenda are due no later than one week before the meeting

2014-2015 Curriculum Deadlines

~~*12/1/14*~~ Deadline to submit courses to CSU for CSU GE approval.
~~*12/1/14*~~ Deadline to submit courses to UC/CSU for IGETC approval.
~~*12/5/14*~~ COR/Title 5 Updates for Summer 2015.
~~*3/2/15*~~ Curriculum Sheet Updates for 2015-16.

6/1/15 Deadline to submit new/revised courses to UCOP for UC transferability
6/19/15 COR/Title 5 Updates for Summer 2016.
Ongoing Submission of courses for C-ID approval and course-to-course articulation with individual colleges and universities.

2014-2015 Professional Development Opportunities & Conferences of Interest

~~7/10-12/14~~ ASCCC Curriculum Institute, Hayes Mansion, San Jose CA
~~1/15-16/15~~ CTE Curriculum Academy, Anaheim Marriott Suites, Garden Grove, CA
~~2/20-21/15~~ Accreditation Institute, San Mateo Marriott, San Francisco Airport, CA
~~3/13-14/15~~ ~~Academic Academy, Westin South Coast Plaza, Costa Mesa, CA~~
~~3/20/15~~ Noncredit/Curriculum Regional Meeting, Foothill College
~~4/9-11/15~~ Spring Plenary Session, Westin San Francisco Airport

2015-2016 Professional Development Opportunities & Conferences of Interest

7/9-11/15 ASCCC Curriculum Institute, Double Tree, Anaheim, CA

Distribution:
Micaela Agyare (LIBR), Ben Armerding (LA), Kathy Armstrong (PSME), Rachelle Campbell (BH), Bernie Day (Articulation Officer), Teresa de la Cruz (Articulation), Leeann Emanuel (DSPS), Isaac Escoto (Faculty Co-Chair), Brian Evans (BSS), Konnilyn Fieg (BSS), Owen Flannery (KA), Valerie Fong (LA), Marnie Francisco (PSME), Brenda Hanning (BH), Robert Hartwell (FA), Carolyn Holcroft (AS President), Kurt Hueg (Dean, BSS), Kay Jones (LIBR), Chris Ju (ASFC Student), Marc Knobel (PSME), Andrew LaManque (AVP Instruction, Administrator co-chair), Allison Lenkeit Meezan (BSS), Don MacNeil (KA), Kimberlee Messina (VP, Instruction), Simon Pennington (FA), Lety Serna (CNSL), Paul Starer (Dean, L A), Victor Tam (Dean, PSME), Lan Truong (CNSL)

Updated 4/22/15

COLLEGE CURRICULUM COMMITTEE

Committee Members - 2014-15

Meeting Date: 5/19/15

Co-Chairs (2)

✓	Isaac Escoto	7350	Vice President, Academic Senate (tiebreaker vote only) escotoisaac@foothill.edu
✓	Andrew LaManque	7179	Associate Vice President, Instruction lamanqueandrew@foothill.edu

Voting Membership-12 total; 1 vote per division

✓	Micaela Agyare	7086	LIBR	agyaremicaela@foothill.edu
✓	Ben Armerding	7453	L A	armerdingbenjamin@fhda.edu
✓	Kathy Armstrong	7487	PSME	armstrongkathy@foothill.edu
✓	Rachelle Campbell	7469	BH	campbellrachelle@foothill.edu
	Bernie Day	7225	Articulation	daybernie@foothill.edu
	Leeann Emanuel	7212	CNSL	emanuelleeann@fhda.edu
✓	Brian Evans	7575	BSS	evansbrian@foothill.edu
✓	Owen Flannery (S)	7213	KA	flanneryowne@fhda.edu
✓	Valerie Fong	7135	LA	fongvalerie@fhda.edu
✓	Marnie Francisco	7420	PSME	franciscomarnie@foothill.edu
—	Hilary Gomes (F & W)	7585	FA	gomeshilary@foothill.edu
✓	Brenda Hanning	7466	BH	hanningbrenda@foothill.edU
	Robert Hartwell	7016	FA	hartwellrobert@fhda.edu
✓	Kay Jones	7602	LIBR	joneskay@foothill.edu
✓	Marc Knobel	7049	PSME	knobelmarc@foothill.edu
✓	Allison Lenkeit Meezan	7422	BSS	meezankaren@foothill.edu
	Don MacNeil	6967	K A	macneildon@foothill.edu
	Simon Pennington	7015	F A	penningtonsimon@fhda.edu
	Lety Serna	7059	CNSL	sernaleticia@fhda.edu
	Barbara Shewfelt	7658	K A	shewfeltbarbara@foothill.edu
	Kella Svetich	7924	L A	svetichkella@foothill.edu
	Lan Truong	7291	CNSL	truonglan@fhda.edu
✓	Kurt Hueg	7394	Dean	huegkurt@foothill.edu
✓	Paul Starer	7227	Dean	starerpaul@foothill.edu
	Victor Tam	7472	Dean	tamvictor@foothill.edu

Non-Voting Members (4)

	Teresa de la Cruz	7638	Articulation Assistant	delacruzteresa@foothill.edu
—	~~Stephanie Franco~~	7231	Evaluations	francostephanie@foothill.edu
✓	Cori Nuñez	7439	Curr Coordinator	nunezcori@foothill.edu
	Chris Ju		ASFC	

Visitors: Steve McGriff (representing FA division), Kate Jordahl (representing COOL), Bradley Cramer, Deepa

College Curriculum Committee
Meeting Minutes
Tuesday, May 5, 2015
2:00 p.m. – 3:20 p.m.
President's Conference Room

Item	Discussion
1. Minutes: April 21, 2015	Minutes as written **M/S** (Armstrong, Campbell) **Approved.**
2. Announcements a. New Course Proposals	**Speakers: Bernie Day, Isaac Escoto, Phyllis Spragge** **a.** New Course Proposals- Language and length of description were a concern for courses in both APPT and LINC. Comments made that it's difficult to distinguish the difference in the courses, if courses are in a series or if they build on each other (where one courses ends and another begins). Discussion about whether the "Proposed Catalog Description(s)" should be more concise. A suggestion was made to invite faculty authors to CCC to discuss their new course proposals. Questions were raised about what criteria would be used for inviting faculty and the time issues involved in faculty attending the meeting at which their courses would be reviewed.
b. Curriculum Refresher Training	**b.** Curriculum Refresher Training – open sessions will be presented by Cori Nunez on the following dates: Monday, May 11, 12:30-1 p.m. Wednesday, May 13, 11 a.m.-12:30 p.m. Friday, May 22, 9-10:30 a.m. Cori is also available to visit individual divisions/departments.
c. Cross-listed GE Courses	**c.** **Speaker: Isaac Escoto** - Cross-listed GE Courses. Reminder for faculty to keep an eye out for cross-listed courses when submitting GE applications. We want to avoid one course making it on our GE pattern and its cross-listed course not also showing up for the same GE area.
d. ADT Reciprocity Ad Hoc	**d.** **Speaker: Isaac Escoto -** Students are petitioning to use courses from other colleges that do not have C-IDs to satisfy ADT degree requirements. Escoto and Day put together a smaller/ad-hoc committee to develop a list of guidelines and tools for handling these requests. They will then bring a process proposal back to CCC.
e. COOL Online Information	**e.** **Speaker: Isaac Escoto** - COOL Online Information Clarification that when the online education addendum form lists "Online Only" as an option for delivery, it's referring to "Hybrid" not being an option for course delivery. Just as some divisions may not feel it appropriate that a course be taught fully online, others may feel that hybrid would not be an appropriate form of distance education delivery.
f. Dental Hygiene Bachelor's Degree Progress	**f.** **Speaker: Phyllis Spragge -** Spragge gave an overview of the bachelor's degree in Dental Hygiene to begin in Fall, 2016. The college will offer two tracks - the first is a four-year program for students. The second track – bachelor's completion – is for students with a two-year degree, licensed, and have working experience. Four-year degrees will have the broader focus of a bachelor's degree with emphasis on writing, health communications and exposure to contemporary issues.

g. AP Info Distribution	Students in this program take the same National Dental Hygiene Board examination and same clinical licensing board exams as students from baccalaureate degree programs. Enrollment projections are positive as there are no baccalaureate-level dental hygiene programs offered at UC or CSU. Similar programs have only been available at private schools (including University of the Pacific). Costs for students to complete four-year degree at Foothill will be $10,00 compared the $180,000 cost at a private school. Mention of other considerations in establishing the degrees including course numbers, and different GE requirements at 2 and 4 year schools. **g. Speaker: Bernie Day -** Some Foothill courses do not grant credit for AP test scores, where ADTs do give credit for the same course. Day will put together a list for each department that includes information regarding CSU and UC AP major as well as other information including links to various AP tests. This way, with more information, divisions might best be able to decide if any changes in credit granting policy would be appropriate.
3. Consent Calendar Stand Alone	**Speaker: Isaac Escoto** Stand Alone applications: HUMN 5, 6, 7 and 44H were presented. **M/S** to approve **(Armstrong, Hartwell) Approved**.
4. CORs with SLOs	**Speaker: Isaac Escoto** The committee considered a draft course outline of record with the SLOs included in it. Also consideration was given to a draft version of proposed changes to the published COR that more closely mirrors the course catalog as well as omits information for the public view that may not be necessary. Other suggestions for the publishing modifications include adding a dividing line after "class hours," moving "FHGE: Non-GE" to line under "Not Repeatable, and adding date (Last Updated) to bottom of form.
5. CSU GE/IGETC Review Info	**Speaker: Bernie Day** 19 additional FH courses have been approved for CSU GE/IGETC. CSU is reconfiguring area "D-Social Sciences, sub areas 0-9." All courses in sub areas will be together in one area. This will affect the number of courses students can take to satisfy Social Sciences GE requirement. Day will be working on guidelines for what is needed to approve courses for GE. A suggestion was made to revisit local GE to increase alignment with CSU/IGETC. A concern was shared that our local GE application form is too long. Escoto will add FH GE review to the agenda for next meeting.
6. Report Out	**Speaker: Curriculum Reps** **Articulation Officer:** A request was made for everyone to review all ADT degrees. **BH:** After much struggling with the units for the Biology ADT, the Biology Dept. was able to successfully put together a plan. The ADT draft will be going to the division for approval this month. **FA:** The Music Dept. continues to work on an ADT, but continue to have problems with performance courses. An adjunct FA faculty member has volunteered to

	serve on the Curriculum Committee. **Instruction:** There will be a Curriculum System Demo shown on Tuesday, May 12, 1-2:30 p.m. Location: FH Council Chambers, Room 2018 **PSME**: the Chemistry dept. has plans to create a new organic chemistry sequence aimed at non-chemistry intensive science majors. This option's purpose is to lower the unit count for each course in the sequence from 6 to 4 so that we can qualify for the stringent unit limits required for the ADT in Chemistry.
7. Good of the Order	**N/A**
8. Adjournment	**3:20 p.m.**

Attendees:
Minutes Recorded by: K. Jones

Foothill College
College Curriculum Committee
New Course Proposal

This form should be completed by the faculty author as preparation to writing a new course. Your division CC rep can assist you in completing it appropriately, and will forward it to the Office of Instruction for inclusion as an announcement at the next available CCC meeting. The purpose of this form is ***interdisciplinary communication****. The responsibility to rigorously review and approve new courses remains with the divisional curriculum committees.*

Date Proposal Given to Division CCC Rep: 5/1/2015
Faculty Author: Kathleen Armstrong

Proposed Number: CHEM 11A
Proposed Transferability: UC/CSU
Proposed Title: Organic Chemistry for Life Science Majors

Proposed Catalog Description:
This course is the first of a three-quarter sequence in Organic Chemistry Course intended for non-chemistry intensive science majors, or for science majors planning to complete their required study of organic chemistry after transfer. This first course in the sequence will introduce the language of Organic Chemistry, stereochemistry, and the relationship between structure and reactivity in organic compounds. It will also include one lab per week in which students will learn some techniques essential to Organic Synthesis.
The course is designed to meet the requirements for those students who intend to transfer to a CSU or for students whose major course of study does not require the alternative CHEM 12 sequence. Students must establish transfer requirements for their target Transfer institutions using ASSIST.org.

Proposed Discipline: Chemistry

Proposed Need/Justification Statement:
This course is needed to enable Foothill College students to earn an ADT in Chemistry. In addition, it offers a less intensive Organic Chemistry option for students in less chemistry intensive science majors (including general Biology and several other Life Science majors).

To which Degree(s) or Certificate(s) would this course potentially be added?
This course is intended as a restricted support course for ADT in Chemistry, the AS in Chemistry and the AS in General Studies Science.

Comments & Other Relevant Information for Discussion:
This course would be 3 hours lecture, 3 hours lab, 4 units

Instruction Office:
Date presented at CCC:
Number assigned:

Date number assigned/notification:

Foothill College
College Curriculum Committee
New Course Proposal

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Date Proposal Given to Division CCC Rep: 5/1/2015
Faculty Author: Kathleen Armstrong

Proposed Number: CHEM 11B
Proposed Transferability: UC/CSU
Proposed Title: Organic Chemistry for Life Science Majors

Proposed Catalog Description:
This course is the second of a three-quarter sequence in Organic Chemistry Course intended for non-chemistry intensive science majors, or for science majors planning to complete their required study of organic chemistry after transfer. This second course in the sequence will include study of the structure and reactivity of alkynes, alcohols, ethers, aromatics and the acquisition and interpretation of spectroscopic data including Nuclear Magnetic Resonance and Infrared Spectroscopy. The laboratory will include the preparation, isolation and characterization of organic compounds.
The course is designed to meet the requirements for those students who intend to transfer to a CSU or for students whose major course of study does not require the alternative CHEM 12 sequence. Students must establish transfer requirements for their target Transfer institutions using ASSIST.org.

Proposed Discipline: Chemistry

Proposed Need/Justification Statement:
This course is needed to enable Foothill College students to earn an ADT in Chemistry. In addition, it offers a less intensive Organic Chemistry option for students in less chemistry intensive science majors (including general Biology and several other Life Science majors).

To which Degree(s) or Certificate(s) would this course potentially be added?
This course is intended as a restricted support course for ADT in Chemistry, the AS in Chemistry and the AS in General Studies Science.

Comments & Other Relevant Information for Discussion:
This course would be 3 hours lecture, 3 hours lab, 4 units

Instruction Office:
Date presented at CCC:

Number assigned:
Date number assigned/notification:

Foothill College
College Curriculum Committee
New Course Proposal

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Date Proposal Given to Division CCC Rep: 5/1/2015
Faculty Author: Kathleen Armstrong

Proposed Number: CHEM 11C
Proposed Transferability: UC/CSU
Proposed Title: Organic Chemistry for Life Science Majors

Proposed Catalog Description:
This course is the second of a three-quarter sequence in Organic Chemistry Course intended for non-chemistry intensive science majors, or for science majors planning to complete their required study of organic chemistry after transfer. This third course in the sequence will include study of the structure and reactivity of ketones, aldehydes, carboxylic acids derivatives, carbohydrates, amino acids and proteins. Emphasis is placed on multi-step synthesis as students gain a more complete understanding of the chemistry of different functional groups. The laboratory will expand students' skill in the preparation, isolation and characterization of organic compounds.
The course is designed to meet the requirements for those students who intend to transfer to a CSU or for students whose major course of study does not require the alternative CHEM 12 sequence. Students must establish transfer requirements for their target Transfer institutions using ASSIST.org.

Proposed Discipline: Chemistry

Proposed Need/Justification Statement:
This course is needed to enable Foothill College students to earn an ADT in Chemistry. In addition, it offers a less intensive Organic Chemistry option for students in less chemistry intensive science majors (including general Biology and several other Life Science majors).

To which Degree(s) or Certificate(s) would this course potentially be added?
This course is intended as a restricted support course for ADT in Chemistry, the AS in Chemistry and the AS in General Studies Science.

Comments & Other Relevant Information for Discussion:
This course would be 3 hours lecture, 3 hours lab, 4 units

Instruction Office:
Date presented at CCC:
Number assigned:
Date number assigned/notification:

Foothill College
College Curriculum Committee
New Course Proposal

This form should be completed by the faculty author as preparation to writing a new course. Your division CC rep can assist you in completing it appropriately, and will forward it to the Office of Instruction for inclusion as an announcement at the next available CCC meeting. The purpose of this form is ***interdisciplinary communication****. The responsibility to rigorously review and approve new courses remains with the divisional curriculum committees.*

Faculty Author: Phyllis Spragge

Proposed Number: D H 504 (upper division#/per Cori) **Proposed Units:** 3
Proposed Hours: 3 hours lecture
Proposed Transferability: CSU
Proposed Title: Oral Health Care Management

Proposed Catalog Description & Requisites:
An introduction to business practices, finance, management, and policy creation for oral healthcare programs and businesses. This course examines current societal and professional issues and their impact on dental hygiene business practices and management. The course will cover the following areas: planning, strategy and leadership, legal and ethical issues affecting businesses in the oral healthcare sector, financial statements, and personnel considerations. The course is intended for Dental Hygiene students admitted to the Bachelor's completion program. This is an upper division course, under the pilot program (SB 850), allowing for granting the Baccalaureate Degree in the community college setting.

Requistes: admission to the Bachelor's completion program in Dental Hygiene

Summary of content:

I. Business Practices in Oral Health
    a. Advocacy in a changing oral health marketplace
    b. Business and career options in dental hygiene
    c. Dental hygiene roles in research, management, consumer advocate, change agent, health promoter/educator
    d. Training, selection, compensation and legal employee issues
    e. Law, regulations & ethics in the oral healthcare business sector
    f. Contracts
II. Finance in Oral Health Programs and Businesses
    a. Financial statements
    b. Grants and funding responsibilities
    c. Budgeting
III. Management Oral Health Programs and Businesses
    a. Overview of management
    b. Managment strategy and decision making

c. The Planning process

Proposed Discipline: Dental Technology (Dental Hygiene)

To which Degree(s) or Certificate(s) would this course potentially be added?
Bachelor's degree completion program at Foothill College, as part of the approved pilot program (SB 850) for the baccalaureate degree in community colleges.

Are there any other departments that may be impacted from the addition of this course? Please identify those departments and the effect:
The course will not effect others departments.

Comments & Other Relevant Information for Discussion:
Foothill College Dental Hygiene Program was approved to participate in the SB 850 pilot program to award the bachelor's degree in selected community college programs. We will have two tracks: (1) Bachelor's degree in Dental Hygiene, which replaces the AS degree in Dental Hygiene beginning 2016, and (2) A bachelor's completion program in Dental Hygiene for graduates of Foothill College Dental Hygiene Program and graduates of other accredited Dental Hygiene Programs based in California Community Colleges. This course proposal is only for the Bachelor's Completion Program in Dental Hygiene.

Instruction Office:
Date presented at CCC:
Number assigned:

Foothill College
College Curriculum Committee
New Course Proposal

This form should be completed by the faculty author as preparation to writing a new course. Your division CC rep can assist you in completing it appropriately, and will forward it to the Office of Instruction for inclusion as an announcement at the next available CCC meeting. The purpose of this form is ***interdisciplinary communication****. The responsibility to rigorously review and approve new courses remains with the divisional curriculum committees.*

Faculty Author: David Sauter

Proposed Number: HORT 27 **Proposed Units:** 2
Proposed Hours: 1 hour lecture, 3 hours lab.
Proposed Transferability: CSU
Proposed Title: Fruits & Vegetables

Proposed Catalog Description & Requisites: Identification , taxonomy, habits of growth, cultural and environmental requirements of fruits and vegetables grown in California. Emphasis on the propagation, use and maintenance of these categories of edible plants used in landscapes and gardens. Plants are observed in lab, on campus, and at off-campus locations.

Proposed Discipline: Environmental Horticulture and Design

To which Degree(s) or Certificate(s) would this course potentially be added? Elective for the AS in Environmental Horticulture or Certificate

Are there any other departments that may be impacted from the addition of this course? Please identify those departments and the effect: No

Comments & Other Relevant Information for Discussion: There is currently no class that covers this topic in our Hort curriculum.

Instruction Office:
Date presented at CCC:
Number assigned:

FOOTHILL COLLEGE

Stand-Alone Credit Course Approval Request

If a Foothill credit course is **NOT** part of a State approved associate's degree, certificate of achievement or the Foothill College GE Pattern, it is considered by the State to be a "Stand Alone Course." Per Title 5, local curriculum committees must review and approve proposed stand-alone courses to ensure that they are consistent with credit course standards (§55002), the community college mission and there is sufficient need and resources for the course.

In short, the State wants us to deliberate carefully before adding a course that does not help students complete a degree or certificate. If it doesn't help them complete a State approved program of study, why are we offering the course?

Stand Alone Course Approval Requests should be completed and forwarded to your Division Curriculum Committee to begin the approval process. To be compliant with State regulations, there must be a completed, approved Stand Alone Form on file in the Office of Instruction.

Course #: APPT 185

Course Title: PIPE MATERIALS, SAFETY & TOOLS, SOLDERING & BRAZING

Catalog Description:

This course provides students with a working knowledge of soldering and brazing along with safe practices as it relates to on-the-job-training.

Are you requesting Stand Alone Approval for the course on a <u>temporary,</u> or <u>permanent</u> basis?

_____ The course will be **permanently** Stand Alone; there are no plans to add it to a State approved degree or certificate of achievement, nor to the Foothill GE pattern

✓ The course will only be Stand Alone **temporarily**, and it will be incorporated into a new degree or certificate of achievement that is not yet State approved. In this case, identify which degree/certificate to which the course will be added:

1) Certificate of Achievement in Building Trades Plumbing.

- What is the specific timeline for program application/approval? (e.g. is your program application complete and submitted to the State, or is it still in development and if so, what is your anticipated submission date?)

  The course is anticipated to submit to the state upon approval from the college curriculum committee.

NOTE: *If you have not submitted your program application to the State by the end of the current academic year, you must reapply for permanent Stand Alone approval.*

The Curriculum Committee must evaluate this application based on the following five criteria:

Criteria A. -- Appropriateness to Mission

California Education Code 66010.4 identifies the two primary missions for California Community Colleges, and one secondary mission that pertains to credit coursework:

1. <u>Primary</u>: offer academic and vocational instruction at the lower division level; and
2. <u>Primary</u>: to advance California's economic growth and global competitiveness through education, training, and services that contribute to continuous work force improvement
3. <u>Secondary</u>: provision of remedial instruction for those in need of it and, in conjunction with the school districts, instruction in English as a second language, and support services which help students succeed at the postsecondary level

Briefly explain how this course is consistent with one (or more) of these missions:

Fulfills all requirements set forth by the State of California for academic instruction and job preparation in a specific field or study or trade related career, which is Apprenticeship. It also covers job-related vocational and career technical education. The apprentice plumber will take a state certification exam at the end of their program. If they pass the exam, they will become a

certified journeyman. This program promotes continuous workforce education and is approved by the Division of Apprenticeship Standards (DAS).

NOTE: *Courses must address a valid transfer, occupational or basic skills purpose rather than primarily a vocational or recreational purpose. Courses must not provide only an activity or service without instructional content (e.g., assistive or therapeutic activity, use of college facilities or resources without specific instructional objectives, or assessment testing).*

Criteria B. – Need

A course may only be granted Stand Alone Approval if there is demonstrable need for the course in the college service area.

If you identified your course as intending to meet the CCC mission of preparation for **transfer**, we must demonstrate that the course is transferable. **Please attach the ASSIST documentation** to this application. (Ask the Articulation Officer for assistance if necessary.)

The Foothill College Apprenticeship program graduates over 400 students a year. The graduates become journeypersons after they meet all classroom and fieldwork requirements. Journeyperson level employees have a high expectation of performing their skill or craft on the job. Labor Market Information (LMI) from 2012 through 2020 throughout Santa Clara, San Mateo and Santa Cruz counties show jobs in these construction fields to increase positively by 16.2%. Nationwide, the increase in employment for all jobs is 15.9% over the same period. Information is cited from "2013.4 Class of Worker" EMSI Report.

For courses that are **primarily occupational**, or that respond to economic development interests, need must be demonstrated within the service area of the college. Examples of the types of evidence of occupational need that may be submitted include:

- Statistical projections of growth in specific jobs by county (or labor market area) from the Employment Development Department's Labor Market Information system,
- Employer surveys
- Industry studies
- Regional economic studies
- Letters from employers
- Minutes of industry advisory committee meetings
- Job advertisements, from newspapers or the Internet
- Newspaper or magazine articles on industry or employment trends
- Studies or data from licensing agencies or professional associations

Please attach appropriate evidence to this application form.

Criteria C. -- Curriculum Standards (please initial as appropriate)

MV The outline of record for this course has been approved the Division Curriculum Committee and meets the requirements of Title 5.

_____ This is a non-degree applicable credit course (specify which one, below)

_____ non-degree applicable basic skills course.

MV course to enable students to succeed in degree-applicable credit courses (e.g. college orientation and guidance courses, discipline-specific preparatory courses)

_____ pre-collegiate career technical preparation course to provide foundation skills for students preparing for entry into degree-applicable credit courses.

Criteria D. -- Adequate Resources (please initial as appropriate)

MV This course will be administered in the same manner as existing courses in terms of funding, faculty, facilities and equipment.

Criteria E. – Compliance (please initial as appropriate)

MV The design of the course is not in conflict with any law particularly in regard to enrollment restrictions and licensing or accreditation standards.

FOOTHILL COLLEGE

Faculty Requestor: Mauricio Velarde **Date: 4/21/15**

Division Curriculum Representative: K. Allison Meezan **Date: 4/21/15**

Date of Approval by Division Curriculum Committee: **Date: 4/29/15**

College Curriculum Co-Chairperson: _____ **Date:** _____

FOOTHILL COLLEGE

Stand-Alone Credit Course Approval Request

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In short, the State wants us to deliberate carefully before adding a course that does not help students complete a degree or certificate. If it doesn't help them complete a State approved program of study, why are we offering the course?

Stand Alone Course Approval Requests should be completed and forwarded to your Division Curriculum Committee to begin the approval process. To be compliant with State regulations, there must be a completed, approved Stand Alone Form on file in the Office of Instruction.

Course #: APPT 186

Course Title: MATHEMATICS/RIGGING & SIGNALING

Catalog Description:

This course provides students with a working knowledge of mathematics, rigging and signaling as it applies to the Plumbing and Pipefitting industry. Students will apply safety practices as it relates to on-the-job training.

Are you requesting Stand Alone Approval for the course on a <u>temporary,</u> or <u>permanent</u> basis?

_____ The course will be **permanently** Stand Alone; there are no plans to add it to a State approved degree or certificate of achievement, nor to the Foothill GE pattern

✓ The course will only be Stand Alone **temporarily**, and it will be incorporated into a new degree or certificate of achievement that is not yet State approved. In this case, identify which degree/certificate to which the course will be added:

1) Certificate of Achievement in Building Trades Plumbing.

- What is the specific timeline for program application/approval? (e.g. is your program application complete and submitted to the State, or is it still in development and if so, what is your anticipated submission date?)

  The course is anticipated to submit to the state upon approval from the college curriculum committee.

NOTE: *If you have not submitted your program application to the State by the end of the current academic year, you must reapply for permanent Stand Alone approval.*

The Curriculum Committee must evaluate this application based on the following five criteria:

Criteria A. -- Appropriateness to Mission

California Education Code 66010.4 identifies the two primary missions for California Community Colleges, and one secondary mission that pertains to credit coursework:

1. <u>Primary</u>: offer academic and vocational instruction at the lower division level; and
2. <u>Primary</u>: to advance California's economic growth and global competitiveness through education, training, and services that contribute to continuous work force improvement
3. <u>Secondary</u>: provision of remedial instruction for those in need of it and, in conjunction with the school districts, instruction in English as a second language, and support services which help students succeed at the postsecondary level

Briefly explain how this course is consistent with one (or more) of these missions:

Fulfills all requirements set forth by the State of California for academic instruction and job preparation in a specific field or study or trade related career, which is Apprenticeship. It also covers job-related vocational and career technical education. The apprentice plumber will take a

state certification exam at the end of their program. If they pass the exam, they will become a certified journeyman. This program promotes continuous workforce education and is approved by the Division of Apprenticeship Standards (DAS).

NOTE: *Courses must address a valid transfer, occupational or basic skills purpose rather than primarily a vocational or recreational purpose. Courses must not provide only an activity or service without instructional content (e.g., assistive or therapeutic activity, use of college facilities or resources without specific instructional objectives, or assessment testing).*

Criteria B. – Need

A course may only be granted Stand Alone Approval if there is demonstrable need for the course in the college service area.

If you identified your course as intending to meet the CCC mission of preparation for **transfer**, we must demonstrate that the course is transferable. **Please attach the ASSIST documentation** to this application. (Ask the Articulation Officer for assistance if necessary.)

The Foothill College Apprenticeship program graduates over 400 students a year. The graduates become journeypersons after they meet all classroom and fieldwork requirements. Journeyperson level employees have a high expectation of performing their skill or craft on the job. Labor Market Information (LMI) from 2012 through 2020 throughout Santa Clara, San Mateo and Santa Cruz counties show jobs in these construction fields to increase positively by 16.2%. Nationwide, the increase in employment for all jobs is 15.9% over the same period. Information is cited from "2013.4 Class of Worker" EMSI Report.

For courses that are **primarily occupational**, or that respond to economic development interests, need must be demonstrated within the service area of the college. Examples of the types of evidence of occupational need that may be submitted include:

- Statistical projections of growth in specific jobs by county (or labor market area) from the Employment Development Department's Labor Market Information system,
- Employer surveys
- Industry studies
- Regional economic studies
- Letters from employers
- Minutes of industry advisory committee meetings
- Job advertisements, from newspapers or the Internet
- Newspaper or magazine articles on industry or employment trends
- Studies or data from licensing agencies or professional associations

Please attach appropriate evidence to this application form.

Criteria C. -- Curriculum Standards (please initial as appropriate)

MV The outline of record for this course has been approved the Division Curriculum Committee and meets the requirements of Title 5.

_____ This is a non-degree applicable credit course (specify which one, below)

_____ non-degree applicable basic skills course.

MV course to enable students to succeed in degree-applicable credit courses (e.g. college orientation and guidance courses, discipline-specific preparatory courses)

_____ pre-collegiate career technical preparation course to provide foundation skills for students preparing for entry into degree-applicable credit courses.

Criteria D. -- Adequate Resources (please initial as appropriate)

MV This course will be administered in the same manner as existing courses in terms of funding, faculty, facilities and equipment.

Criteria E. – Compliance (please initial as appropriate)

MV The design of the course is not in conflict with any law particularly in regard to enrollment restrictions and licensing or accreditation standards.

FOOTHILL COLLEGE

Faculty Requestor: Mauricio Velarde **Date: 4/21/15**

Division Curriculum Representative: K. Allison Meezan **Date: 4/21/15**

Date of Approval by Division Curriculum Committee: **Date: 4/29/15**

College Curriculum Co-Chairperson: _____ **Date:** _____

FOOTHILL COLLEGE

Stand-Alone Credit Course Approval Request

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In short, the State wants us to deliberate carefully before adding a course that does not help students complete a degree or certificate. If it doesn't help them complete a State approved program of study, why are we offering the course?

Stand Alone Course Approval Requests should be completed and forwarded to your Division Curriculum Committee to begin the approval process. To be compliant with State regulations, there must be a completed, approved Stand Alone Form on file in the Office of Instruction.

Course #: APPT 187

Course Title: DRAWING INTERPRETATION & PLAN READING/SCIENCE

Catalog Description:

Students will gain a working knowledge of Drawing Interpretation, Plan Reading and Science as it applies to the plumbing industry. This course is required to meet the certificate requirements to become a journeyman plumber.

Are you requesting Stand Alone Approval for the course on a <u>temporary,</u> or <u>permanent</u> basis?

_____ The course will be **permanently** Stand Alone; there are no plans to add it to a State approved degree or certificate of achievement, nor to the Foothill GE pattern

✓ The course will only be Stand Alone **temporarily**, and it will be incorporated into a new degree or certificate of achievement that is not yet State approved. In this case, identify which degree/certificate to which the course will be added:

1) Certificate of Achievement in Building Trades Plumbing.

- What is the specific timeline for program application/approval? (e.g. is your program application complete and submitted to the State, or is it still in development and if so, what is your anticipated submission date?)

  The course is anticipated to submit to the state upon approval from the college curriculum committee.

NOTE: *If you have not submitted your program application to the State by the end of the current academic year, you must reapply for permanent Stand Alone approval.*

The Curriculum Committee must evaluate this application based on the following five criteria:

Criteria A. -- Appropriateness to Mission

California Education Code 66010.4 identifies the two primary missions for California Community Colleges, and one secondary mission that pertains to credit coursework:

1. <u>Primary</u>: offer academic and vocational instruction at the lower division level; and
2. <u>Primary</u>: to advance California's economic growth and global competitiveness through education, training, and services that contribute to continuous work force improvement
3. <u>Secondary</u>: provision of remedial instruction for those in need of it and, in conjunction with the school districts, instruction in English as a second language, and support services which help students succeed at the postsecondary level

Briefly explain how this course is consistent with one (or more) of these missions:

Fulfills all requirements set forth by the State of California for academic instruction and job preparation in a specific field or study or trade related career, which is Apprenticeship. It also covers job-related vocational and career technical education. The apprentice plumber will take a

state certification exam at the end of their program. If they pass the exam, they will become a certified journeyman. This program promotes continuous workforce education and is approved by the Division of Apprenticeship Standards (DAS).

NOTE: *Courses must address a valid transfer, occupational or basic skills purpose rather than primarily a vocational or recreational purpose. Courses must not provide only an activity or service without instructional content (e.g., assistive or therapeutic activity, use of college facilities or resources without specific instructional objectives, or assessment testing).*

Criteria B. – Need

A course may only be granted Stand Alone Approval if there is demonstrable need for the course in the college service area.

If you identified your course as intending to meet the CCC mission of preparation for **transfer**, we must demonstrate that the course is transferable. **Please attach the ASSIST documentation** to this application. (Ask the Articulation Officer for assistance if necessary.)

The Foothill College Apprenticeship program graduates over 400 students a year. The graduates become journeypersons after they meet all classroom and fieldwork requirements. Journeyperson level employees have a high expectation of performing their skill or craft on the job. Labor Market Information (LMI) from 2012 through 2020 throughout Santa Clara, San Mateo and Santa Cruz counties show jobs in these construction fields to increase positively by 16.2%. Nationwide, the increase in employment for all jobs is 15.9% over the same period. Information is cited from "2013.4 Class of Worker" EMSI Report.

For courses that are **primarily occupational**, or that respond to economic development interests, need must be demonstrated within the service area of the college. Examples of the types of evidence of occupational need that may be submitted include:

- Statistical projections of growth in specific jobs by county (or labor market area) from the Employment Development Department's Labor Market Information system,
- Employer surveys
- Industry studies
- Regional economic studies
- Letters from employers
- Minutes of industry advisory committee meetings
- Job advertisements, from newspapers or the Internet
- Newspaper or magazine articles on industry or employment trends
- Studies or data from licensing agencies or professional associations

Please attach appropriate evidence to this application form.

Criteria C. -- Curriculum Standards (please initial as appropriate)

MV The outline of record for this course has been approved the Division Curriculum Committee and meets the requirements of Title 5.

_____ This is a non-degree applicable credit course (specify which one, below)

_____ non-degree applicable basic skills course.

MV course to enable students to succeed in degree-applicable credit courses (e.g. college orientation and guidance courses, discipline-specific preparatory courses)

_____ pre-collegiate career technical preparation course to provide foundation skills for students preparing for entry into degree-applicable credit courses.

Criteria D. -- Adequate Resources (please initial as appropriate)

MV This course will be administered in the same manner as existing courses in terms of funding, faculty, facilities and equipment.

Criteria E. – Compliance (please initial as appropriate)

MV The design of the course is not in conflict with any law particularly in regard to enrollment restrictions and licensing or accreditation standards.

FOOTHILL COLLEGE

Faculty Requestor: Mauricio Velarde **Date: 4/21/15**

Division Curriculum Representative: K. Allison Meezan **Date: 4/21/15**

Date of Approval by Division Curriculum Committee: **Date: 4/29/15**

College Curriculum Co-Chairperson: _____ **Date:** _____

FOOTHILL COLLEGE

Stand-Alone Credit Course Approval Request

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In short, the State wants us to deliberate carefully before adding a course that does not help students complete a degree or certificate. If it doesn't help them complete a State approved program of study, why are we offering the course?

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Course #: APPT 188

Course Title: ADVANCED PLAN READING/CAD

Catalog Description:

Students will gain a working knowledge of advanced plan reading and computer aided drafting (CAD) as it applies to the plumbing industry. This course is required to meet the certificate requirements to become a journeyman plumber.

Are you requesting Stand Alone Approval for the course on a <u>temporary,</u> or <u>permanent</u> basis?

_____ The course will be **permanently** Stand Alone; there are no plans to add it to a State approved degree or certificate of achievement, nor to the Foothill GE pattern

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1) Certificate of Achievement in Building Trades Plumbing.

- What is the specific timeline for program application/approval? (e.g. is your program application complete and submitted to the State, or is it still in development and if so, what is your anticipated submission date?)

  The course is anticipated to submit to the state upon approval from the college curriculum committee.

NOTE: *If you have not submitted your program application to the State by the end of the current academic year, you must reapply for permanent Stand Alone approval.*

The Curriculum Committee must evaluate this application based on the following five criteria:

Criteria A. -- Appropriateness to Mission

California Education Code 66010.4 identifies the two primary missions for California Community Colleges, and one secondary mission that pertains to credit coursework:

1. <u>Primary</u>: offer academic and vocational instruction at the lower division level; and
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3. <u>Secondary</u>: provision of remedial instruction for those in need of it and, in conjunction with the school districts, instruction in English as a second language, and support services which help students succeed at the postsecondary level

Briefly explain how this course is consistent with one (or more) of these missions:

Fulfills all requirements set forth by the State of California for academic instruction and job preparation in a specific field or study or trade related career, which is Apprenticeship. It also covers job-related vocational and career technical education. The apprentice plumber will take a

state certification exam at the end of their program. If they pass the exam, they will become a certified journeyman. This program promotes continuous workforce education and is approved by the Division of Apprenticeship Standards (DAS).

NOTE: *Courses must address a valid transfer, occupational or basic skills purpose rather than primarily a vocational or recreational purpose. Courses must not provide only an activity or service without instructional content (e.g., assistive or therapeutic activity, use of college facilities or resources without specific instructional objectives, or assessment testing).*

Criteria B. – Need

A course may only be granted Stand Alone Approval if there is demonstrable need for the course in the college service area.

If you identified your course as intending to meet the CCC mission of preparation for **transfer**, we must demonstrate that the course is transferable. **Please attach the ASSIST documentation** to this application. (Ask the Articulation Officer for assistance if necessary.)

The Foothill College Apprenticeship program graduates over 400 students a year. The graduates become journeypersons after they meet all classroom and fieldwork requirements. Journeyperson level employees have a high expectation of performing their skill or craft on the job. Labor Market Information (LMI) from 2012 through 2020 throughout Santa Clara, San Mateo and Santa Cruz counties show jobs in these construction fields to increase positively by 16.2%. Nationwide, the increase in employment for all jobs is 15.9% over the same period. Information is cited from "2013.4 Class of Worker" EMSI Report.

For courses that are **primarily occupational**, or that respond to economic development interests, need must be demonstrated within the service area of the college. Examples of the types of evidence of occupational need that may be submitted include:

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- Letters from employers
- Minutes of industry advisory committee meetings
- Job advertisements, from newspapers or the Internet
- Newspaper or magazine articles on industry or employment trends
- Studies or data from licensing agencies or professional associations

Please attach appropriate evidence to this application form.

Criteria C. -- Curriculum Standards (please initial as appropriate)

MV The outline of record for this course has been approved the Division Curriculum Committee and meets the requirements of Title 5.

_____ This is a non-degree applicable credit course (specify which one, below)

_____ non-degree applicable basic skills course.

MV course to enable students to succeed in degree-applicable credit courses (e.g. college orientation and guidance courses, discipline-specific preparatory courses)

_____ pre-collegiate career technical preparation course to provide foundation skills for students preparing for entry into degree-applicable credit courses.

Criteria D. -- Adequate Resources (please initial as appropriate)

MV This course will be administered in the same manner as existing courses in terms of funding, faculty, facilities and equipment.

Criteria E. – Compliance (please initial as appropriate)

MV The design of the course is not in conflict with any law particularly in regard to enrollment restrictions and licensing or accreditation standards.

FOOTHILL COLLEGE

Faculty Requestor: Mauricio Velarde **Date: 4/21/15**

Division Curriculum Representative: K. Allison Meezan **Date: 4/21/15**

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FOOTHILL COLLEGE

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Course #: APPT 189

Course Title: WELDING/OXYGEN-ACETYLENE

Catalog Description:

Students will gain a working knowledge of welding and using Oxy-Acetylene torch as it applies to the plumbing industry. This course is required to meet the certificate requirements to become a journeyman plumber.

Are you requesting Stand Alone Approval for the course on a <u>temporary,</u> or <u>permanent</u> basis?

_____ The course will be **permanently** Stand Alone; there are no plans to add it to a State approved degree or certificate of achievement, nor to the Foothill GE pattern

✓ The course will only be Stand Alone **temporarily**, and it will be incorporated into a new degree or certificate of achievement that is not yet State approved. In this case, identify which degree/certificate to which the course will be added:

1) Certificate of Achievement in Building Trades Plumbing.

- What is the specific timeline for program application/approval? (e.g. is your program application complete and submitted to the State, or is it still in development and if so, what is your anticipated submission date?)

  The course is anticipated to submit to the state upon approval from the college curriculum committee.

NOTE: *If you have not submitted your program application to the State by the end of the current academic year, you must reapply for permanent Stand Alone approval.*

The Curriculum Committee must evaluate this application based on the following five criteria:

Criteria A. -- Appropriateness to Mission

California Education Code 66010.4 identifies the two primary missions for California Community Colleges, and one secondary mission that pertains to credit coursework:

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3. <u>Secondary</u>: provision of remedial instruction for those in need of it and, in conjunction with the school districts, instruction in English as a second language, and support services which help students succeed at the postsecondary level

Briefly explain how this course is consistent with one (or more) of these missions:

Fulfills all requirements set forth by the State of California for academic instruction and job preparation in a specific field or study or trade related career, which is Apprenticeship. It also covers job-related vocational and career technical education. The apprentice plumber will take a

state certification exam at the end of their program. If they pass the exam, they will become a certified journeyman. This program promotes continuous workforce education and is approved by the Division of Apprenticeship Standards (DAS).

NOTE: *Courses must address a valid transfer, occupational or basic skills purpose rather than primarily a vocational or recreational purpose. Courses must not provide only an activity or service without instructional content (e.g., assistive or therapeutic activity, use of college facilities or resources without specific instructional objectives, or assessment testing).*

Criteria B. – Need

A course may only be granted Stand Alone Approval if there is demonstrable need for the course in the college service area.

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- Job advertisements, from newspapers or the Internet
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- Studies or data from licensing agencies or professional associations

Please attach appropriate evidence to this application form.

Criteria C. -- Curriculum Standards (please initial as appropriate)

MV The outline of record for this course has been approved the Division Curriculum Committee and meets the requirements of Title 5.

_____ This is a non-degree applicable credit course (specify which one, below)

_____ non-degree applicable basic skills course.

MV course to enable students to succeed in degree-applicable credit courses (e.g. college orientation and guidance courses, discipline-specific preparatory courses)

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Criteria D. -- Adequate Resources (please initial as appropriate)

MV This course will be administered in the same manner as existing courses in terms of funding, faculty, facilities and equipment.

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FOOTHILL COLLEGE

Faculty Requestor: Mauricio Velarde **Date: 4/21/15**

Division Curriculum Representative: K. Allison Meezan **Date: 4/21/15**

Date of Approval by Division Curriculum Committee: **Date: 4/29/15**

College Curriculum Co-Chairperson: _____ **Date:** _____

FOOTHILL COLLEGE

Stand-Alone Credit Course Approval Request

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Course #: APPT 190

Course Title: PIPE FITTING WITH A CALCULATOR

Catalog Description:

This course provides students with a working knowledge of mathematics and pipe fitting as it applies to the plumbing and pipe fitting industry. Students will apply safety practices as it relates to on-the-job training.

Are you requesting Stand Alone Approval for the course on a <u>temporary,</u> or <u>permanent</u> basis?

_____ The course will be **permanently** Stand Alone; there are no plans to add it to a State approved degree or certificate of achievement, nor to the Foothill GE pattern

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Briefly explain how this course is consistent with one (or more) of these missions:

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Please attach appropriate evidence to this application form.

Criteria C. -- Curriculum Standards (please initial as appropriate)

MV The outline of record for this course has been approved the Division Curriculum Committee and meets the requirements of Title 5.

_____ This is a non-degree applicable credit course (specify which one, below)

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Criteria D. -- Adequate Resources (please initial as appropriate)

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FOOTHILL COLLEGE

Faculty Requestor: Mauricio Velarde **Date: 4/21/15**

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FOOTHILL COLLEGE

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In short, the State wants us to deliberate carefully before adding a course that does not help students complete a degree or certificate. If it doesn't help them complete a State approved program of study, why are we offering the course?

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Course #: APPT 191

Course Title: PLUMBING CODE APPLICATION, PLUMBING FIXTURES

Catalog Description:

This course provides students with a working knowledge of the plumbing Code application and plumbing fixtures as it applies to the plumbing and pipe fitting industry. Students will apply safety practices as it relates to on-the-job training. This course is required to meet the certificate requirements to become journeyman plumber.

Are you requesting Stand Alone Approval for the course on a <u>temporary,</u> or <u>permanent</u> basis?

_____ The course will be **permanently** Stand Alone; there are no plans to add it to a State approved degree or certificate of achievement, nor to the Foothill GE pattern

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Briefly explain how this course is consistent with one (or more) of these missions:

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NOTE: *Courses must address a valid transfer, occupational or basic skills purpose rather than primarily a vocational or recreational purpose. Courses must not provide only an activity or service without instructional content (e.g., assistive or therapeutic activity, use of college facilities or resources without specific instructional objectives, or assessment testing).*

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_____ non-degree applicable basic skills course.

MV course to enable students to succeed in degree-applicable credit courses (e.g. college orientation and guidance courses, discipline-specific preparatory courses)

_____ pre-collegiate career technical preparation course to provide foundation skills for students preparing for entry into degree-applicable credit courses.

Criteria D. -- Adequate Resources (please initial as appropriate)

MV This course will be administered in the same manner as existing courses in terms of funding, faculty, facilities and equipment.

Criteria E. – Compliance (please initial as appropriate)

MV The design of the course is not in conflict with any law particularly in regard to enrollment restrictions and licensing or accreditation standards.

FOOTHILL COLLEGE

Faculty Requestor: Mauricio Velarde **Date: 4/21/15**

Division Curriculum Representative: K. Allison Meezan **Date: 4/21/15**

Date of Approval by Division Curriculum Committee: **Date: 4/29/15**

College Curriculum Co-Chairperson: _____ **Date:** _____

FOOTHILL COLLEGE

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In short, the State wants us to deliberate carefully before adding a course that does not help students complete a degree or certificate. If it doesn't help them complete a State approved program of study, why are we offering the course?

Stand Alone Course Approval Requests should be completed and forwarded to your Division Curriculum Committee to begin the approval process. To be compliant with State regulations, there must be a completed, approved Stand Alone Form on file in the Office of Instruction.

Course #: APPT 192

Course Title: NATURAL GAS INSTALLATION, DRAINAGE

Catalog Description:

This course provides students with a working knowledge of Natural Gas Installations and Drainage as it applies to the plumbing and pipe fitting industry. This course is required to meet the certificate requirements to become journeyman plumber.

Are you requesting Stand Alone Approval for the course on a <u>temporary,</u> or <u>permanent</u> basis?

_____ The course will be **permanently** Stand Alone; there are no plans to add it to a State approved degree or certificate of achievement, nor to the Foothill GE pattern

✓ The course will only be Stand Alone **temporarily**, and it will be incorporated into a new degree or certificate of achievement that is not yet State approved. In this case, identify which degree/certificate to which the course will be added:

1) Certificate of Achievement in Building Trades Plumbing.

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3. <u>Secondary</u>: provision of remedial instruction for those in need of it and, in conjunction with the school districts, instruction in English as a second language, and support services which help students succeed at the postsecondary level

Briefly explain how this course is consistent with one (or more) of these missions:

Fulfills all requirements set forth by the State of California for academic instruction and job preparation in a specific field or study or trade related career, which is Apprenticeship. It also covers job-related vocational and career technical education. The apprentice plumber will take a

state certification exam at the end of their program. If they pass the exam, they will become a certified journeyman. This program promotes continuous workforce education and is approved by the Division of Apprenticeship Standards (DAS).

NOTE: *Courses must address a valid transfer, occupational or basic skills purpose rather than primarily a vocational or recreational purpose. Courses must not provide only an activity or service without instructional content (e.g., assistive or therapeutic activity, use of college facilities or resources without specific instructional objectives, or assessment testing).*

Criteria B. – Need

A course may only be granted Stand Alone Approval if there is demonstrable need for the course in the college service area.

If you identified your course as intending to meet the CCC mission of preparation for **transfer**, we must demonstrate that the course is transferable. **Please attach the ASSIST documentation** to this application. (Ask the Articulation Officer for assistance if necessary.)

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Criteria C. -- Curriculum Standards (please initial as appropriate)

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Criteria D. -- Adequate Resources (please initial as appropriate)

MV This course will be administered in the same manner as existing courses in terms of funding, faculty, facilities and equipment.

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FOOTHILL COLLEGE

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FOOTHILL COLLEGE

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Course #: APPT 193

Course Title: WATER SUPPLY, PATTERNS

Catalog Description:

This course provides students with a working knowledge of water supply and patterns as it applies to the plumbing and pipe fitting industry. Students will apply safety practices as it relates to on-the-job training.

Are you requesting Stand Alone Approval for the course on a <u>temporary,</u> or <u>permanent</u> basis?

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Briefly explain how this course is consistent with one (or more) of these missions:

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Course #: APPT 194

Course Title: MEDICAL GAS, REVIEW EXIT EXAM/FINAL EXAM

Catalog Description:

Apprentices learn the installation procedures of medical gas and vacuum systems. This includes medical gas alarms systems, valve stations, inlets, outlets and the complete vacuum system. Brazing techniques will be described and demonstrated.

Are you requesting Stand Alone Approval for the course on a <u>temporary,</u> or <u>permanent</u> basis?

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College Curriculum Co-Chairperson: _____ **Date:** _____

DRAFT Resolution for the Academic Senate
Responsibility for Development of Online Course Standards

Whereas, Title 5 §53200 establishes faculty primacy in all matters related to curriculum, as well as in standards and policies regarding student preparation and success;

Whereas, the quality of faculty engagement and the quality of course design is especially vital in student success in online classes;

Whereas, the Foothill-De Anza Community College District is a recognized leader in online learning having received the grant to manage the Statewide Online Education Initiative, and Foothill College is serving as a model for excellence in our role as a full-launch pilot college in the OEI course exchange program;

Whereas, we recognize that all of our classes must be fully accessible in order to comply with the legal requirements in Section 504 of the Rehabilitation Act and in Title II of the American Disabilities Act legally require, as well as to meet our accreditation standards;

Resolved, that the Foothill College Academic Senate is committed to full accessibility in all our online classes by January 2016;

Resolved, that the Foothill College Academic Senate adopt the Online Education Initiative Online Course Review Rubric (Revised, March 2015) as the exemplary standard for evaluating and improving the quality of our online classes and the Addendum to the Course Outline of Record Course Approval Application for Online/Distance Learning Delivery as the minimum baseline; and,

Resolved, that the Foothill College Academic Senate ask each division's curriculum committee or their designees to develop division-specific guidelines informed by the OEI Rubric, to include the suggested process and timeline for review of their online courses, and to include both their baseline requirements in regards to response time to student questions, faculty presence in online class, online office hours, and other academic matters in

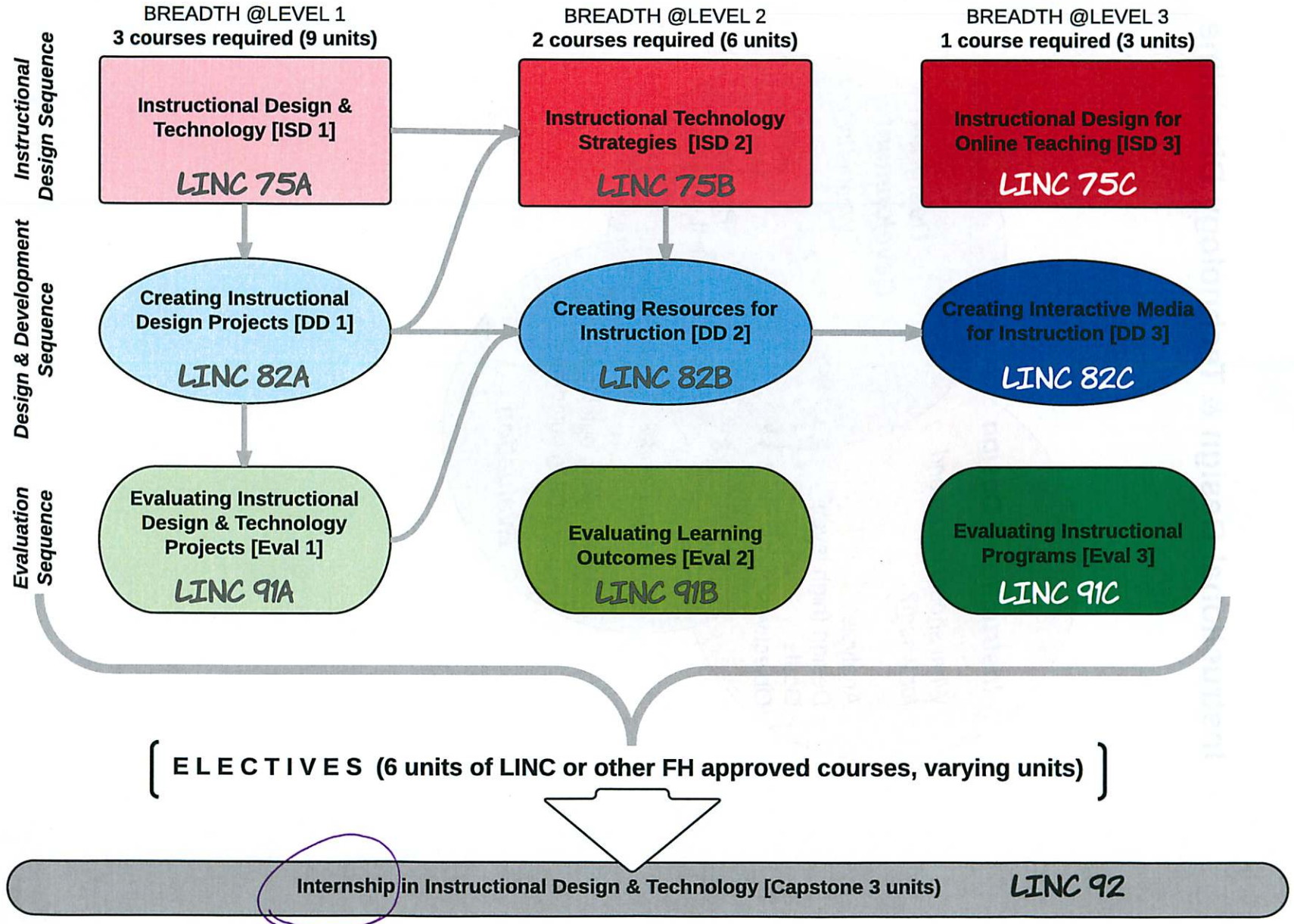
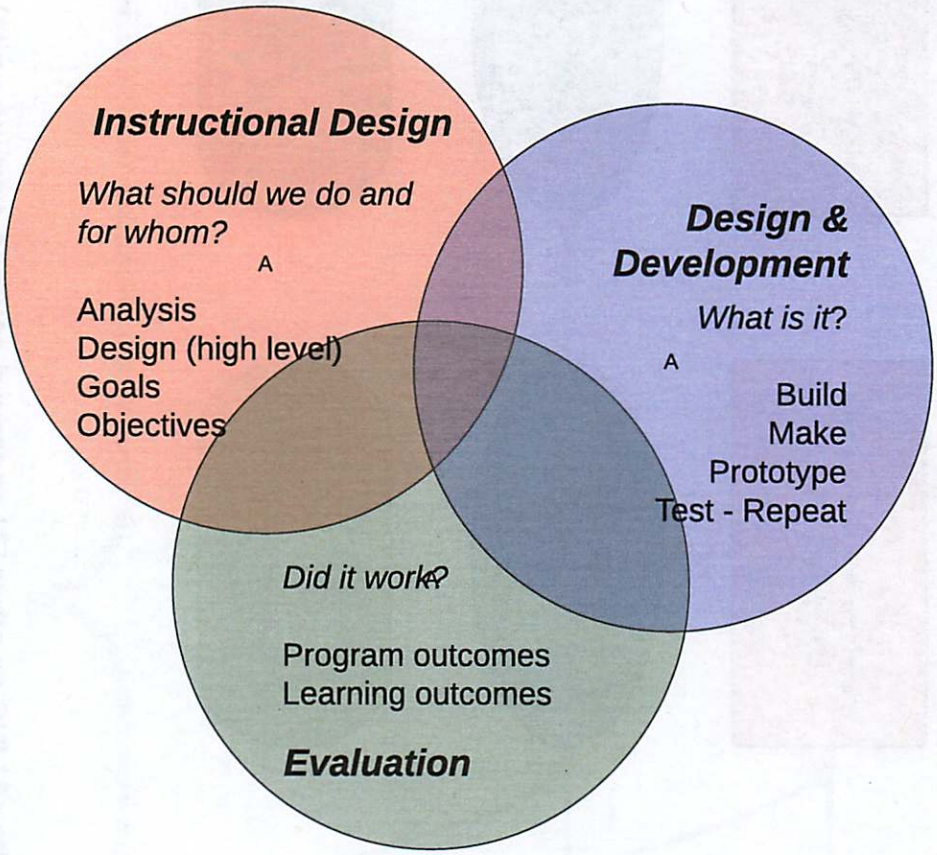
DRAFT

the online class, and ask each division to share their guidelines with the Academic Senate by February of 2016.

DRAFT

Instructional Design & Technology Certificate of Achievement [27 units]

All courses are 3 units unless otherwise noted. Flow lines indicate a possible sequence for specialization in Design & Development



Instructional Design & Technology Discipline