

Foothill College

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SUBJECT: Fall 2016 PSYC 10 Demographics and Prerequisites Courses Analysis

This analysis is part of a Student Equity Plan pilot project to use disaggregated data in Program Outcomes assessments. PSYC 10 contains a capstone project that includes a range of skills considered important for a Psychology Associate Degree for Transfer graduates. While the class project does not cover the full range of general education skills included in the Psychology Program, it does include critical Psychology components.

Provided below are simple descriptive statistics –“cross tabulations” – that examine the assessment score for the capstone project by ethnicity and course pre-requisites. The goal of the analysis is to enrich the instructors’ assessment data by providing information not readily available to the instructor. The purpose is to provide an initial examination that might spark additional discussion and dialogue about successful completion of the program.

PSYC 10 is a transferable course at Foothill College. Student must have completed one of the following prerequisites—PSYC 1, PSYC 7, SOC 7 or MATH 10— before enrolling in PSYC 10. Students are advised to take one of the following English courses: ENGL 1A, 1AH, 1S or ESLL 26. This memo is based on 29 students who enrolled in PSYC 10 in Fall 2016.

Fall 2016 PSYC 10 Student Profile and Capstone Project Scores

- 62% of the students were female and 38% of them were male.
- Female students had a higher average Capstone project score (74) compared to male students (65).
- Filipino, Asian, and students who did not identify with any of the ethnicity categories had above average Capstone project scores while African American and Latino/a students had below average scores.

Table 1. PSYC 10 Students by Ethnicity and Capstone Project Scores

Ethnicity	HC	Percent	Capstone Average
Latino/a	5	17%	43
African American	1	3%	67
Filipino	6	21%	77
Asian	7	24%	74
White	6	21%	70
All Others	4	14%	91
Total	29	100%	70

Note: Capstone total and score average include all 29 enrolled students. Four students were not assigned a score on the project – including 2 Latino, 1 Asian, and 1 white students.

Relationship among Prerequisites, Statistics Courses, and Capstone Project Scores

- PSYC 1 is the most common prerequisite that PSYC 10 students completed (28 out of 29).
- Student who received an A in PSYC 1 and 7, as well as MATH 10, are more likely to receive an above average Capstone project score.
- Among the 29 students enrolled PSYC 10, none of them took SOC 7.
- Students who completed Statistics courses prior the Academic Year 2016 are more likely to receive above average Capstone project scores.

None of the students repeated PSYC 7 while one student repeated PSYC 1 and five students repeated MATH 10. Two out of five MATH 10 repeaters did not complete their capstone project and received no score on the project with Incomplete and F grades.

Table 2. Relationship between the Prerequisites, Statistics Courses, and Capstone Scores

Prerequisites	No CAPSTONE		Below Average		Above Average		Total	
	HC	Percent	HC	Percent	HC	Percent	HC	Percent
PSYC 1								
A	1	10%	0	0%	9	90%	10	100%
B	1	6%	4	25%	11	69%	16	100%
C	1	50%	1	50%	0	0%	2	100%
PSYC 1 Total*	3	11%	5	18%	20	71%	28	100%
No PSYC1	0	0%	1	100%	0	0%	1	100%
PSYC 7								
A	0	0%	0	0%	3	100%	3	100%
B	0	0%	1	50%	1	50%	2	100%
C	1	100%	0	0%	0	0%	1	100%
PSYC 7 Total	1	17%	1	17%	4	66%	6	100%
No PSYC 7	2	8%	5	22%	16	70%	23	100%
MATH 10								
A	1	12%	1	12%	6	76%	8	100%
B	0	0%	1	17%	5	83%	6	100%
C	1	13%	2	25%	5	62%	8	100%
MATH 10 Total	2	9%	4	18%	16	73%	22	100%
No MATH10	1	14%	2	29%	4	57%	7	100%
Prerequisites Total**	6	11%	10	18%	40	71%	56	100%
Previous Statistic Courses								
Before AY 2015***	1	12%	1	2%	2	86%	4	100%
AY 2015	0	0%	1	16%	5	84%	6	100%
AY 2016	2	11%	4	21%	13	69%	19	100%
Statistic Total	3	8%	6	18%	20	74%	29	100%

Note: The final grades on prerequisite courses are based on the most recent grades students received. Average refers to the Capstone project average by ethnicity in Table 1.

*Course subtotal such as PSYC 1 Total did not include students who did not complete the prerequisite courses. For example, PSYC 1 total only include 28 students who successfully completed the PSYC 1.

**Prerequisites Total refers to the total of prerequisite final grades of 29 students who enrolled in PSYC 10.

*** AY refers to Academic Year. For example, AY 2015 refers to academic year 2015.