FOOTHILL COLLEGE
Institutional Research and Planning

DATE: July 3, 2013

TO: Teresa Ong, Director, Disability Student Services and Veteran Programs

FROM: Elaine Kuo, College Researcher

RE: Veteran Student Enrollment and Course Success

Overview

Students who have veteran status were identified to examine their course enrollment and course success patterns. While there has been a decline in the number of students initially flagged as veterans and who enrolled between 2011-12 and 2012-13 (-23%), the size of each cohort remain relatively consistent (100-150). Between 2010-11 and 2012-13, there were 547 veterans enrolled in courses at Foothill. Additionally, the number of veterans enrolled over the past three years remains steady at around 280 (unduplicated count) (Table 1).

Table 1. Foothill College Veteran Student Cohort Headcount, 2010-13.

Veteran Status	2010-11*	2011-12	2012-13	% Change 2011-12 to 2012-13
Cohort size	284	149	114	-23%
Enrollment HC	284	288	278	-3%

Note: The 2010-11 cohort includes students who were identified as veterans prior to that academic year.

Veterans are primarily enrolling in face-to-face and hybrid courses compared to courses with online instruction (Table 2). The percentage of course enrollment by instructional method remained consistent over the last two years, with roughly one-quarter of course enrollment occurring online (20%-28%).

Table 2. Foothill College Veteran Student Enrollment by Instructional Method, 2010-13.

Year	Online Enr	Online Percent	Not Online Enr	Not Online Percent	Total Enr	Total Percent
2012-13	439	26%	1,262	74%	1,701	100%
2011-12	484	28%	1,268	72%	1,752	100%
2010-11	355	20%	1,449	80%	1,804	100%

Table 3 shows the top departments that veterans enrolled in between 2010-11 to 2012-13. Between 2011-12 and 2012-13, the largest percentage rate increases in enrollment are in BIOL (47%) and MUS (35%). In 2011-12, the top 5 departments by veteran enrollment included CIS (enrollment: 80) and CHEM (enrollment: 63), replacing BIOL and MUS from 2010-11. In 2012-13 the top departments included PCA (enrollment: 86 or 7 students), replacing MUS from 2010-11.

Table 3. Foothill College Top 5 Departments by Veteran Student Enrollment, 2010-13.

Rank	Department	2010-11	2011-12	2012-13	% Change 2011-12 to 2012-13
1	PHED	186	142	127	-11%
2	MATH	152	202	153	-24%
3	ENGL	116	111	111	0%
4	BIOL	93	57	84	47%
5	MUS	72	60	81	35%
Total	Top 5	619	565	558	-3%

Table 4 shows the top courses that veterans enrolled in between 2010-11 to 2012-13. Between 2011-12 and 2012-13, the largest percentage rate increases in enrollment are in ENGL 1B (54%), PSYC 1 (54%), POLI 1 (48%), and COMM 1A (31%). In 2011-12, the top 10 courses by veteran enrollment included CHEM 30A (enrollment: 23), MATH 10 (enrollment: 22), HIST 17A (enrollment: 20), and MATH 48A (enrollment: 18), replacing COMM 1A, COMM 2, PHED 45, and POLI 1 from 2010-11. In 2012-13 the top 10 courses included BIOL 40A (enrollment: 19), ECON 1A (enrollment: 19), and MATH 10 (enrollment: 34) replacing COMM 2, ENGL 110, and PHED 45 from 2010-11.

Table 4. Foothill College Top 10 Courses by Veteran Student Enrollment, 2010-13.

Rank	Course	2010-11	2011-12	2012-13	% Change 2011-12 to 2012-13
1	PHED 45	39	21	18	-14%
2	PSYC 1	31	24	37	54%
3	ENGL 1A	29	43	38	-12%
4	ENGL 1B	28	26	40	54%
5	POLI 1	28	21	31	48%
6	CNSL 50	27	31	20	-35%
7	MATH 105	23	42	25	-40%
8	ENGL 110	20	16	12	-25%
9	COMM 2	19	15	8	-47%
10	COMM 1A	18	16	21	31%
Total	Top 10	262	255	250	-2%

Course success rates among veterans indicate that while roughly three-fourths are successfully completing their coursework (69%-76%), the withdraw rate has increased since 2010-11 (4%) (Table 5).

Table 5. Foothill College Veteran Student Course Success, 2010-13.

Year	Success		Nonsuccess		Withdraw		Total	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
2012-13*	877	74%	154	13%	154	13%	1,185	100%
2011-12	1,208	69%	301	17%	243	14%	1,752	100%
2010-11	1,365	76%	280	15%	159	9%	1,807	100%

Note: 2012-13 course success rates do not include Spring 2013 or Early Summer 2013 so total enrollment will not match other tables.

Methodology

Veteran status was identified if the student was flagged with a VET or VET33 code. As the veteran indicator is ongoing with no end date, only those veterans who enrolled are included in the analysis. Students must self-identify in order flagged as a veteran.

Early summer 2012 is included in 2011-12 and early summer 2013 is included in 2012-13. No early summer was offered in 2010-11.

Online courses were identified by course numbers ending in "W."

Course success was determined based on those students who enrolled in a course and received a final grade.

Source

FHDA IR&P, ODS [Student Attribute, Registration Analysis]