

CSM Program Review: Fall 2010 Cycle  
Core Program and Student Success Indicators  
Academic Years 2007/08 to 2009/10

Division: 4414 - Mathematics/Science/Physics Department

INDICATOR	Academic Year			Projections		
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Enrollments/Dup. Headcount	400	403	454	473	500	527
WSCH	2415.1	2547.11	2987	3221.64	3507.59	3793.54
FTES	80.5	84.9	99.6	107.4	116.9	126.5
LOAD (WSCH/FTEF)*	337	423	455	523	582	642
Retention %	81%	74%	73%	68%	65%	61%
Success %	62%	57%	58%	55%	53%	50%
<b>Classroom Teaching FTEF</b>						
Full-time FTEF	5.24	5.17	5.8	<b>Projection Methodology</b>  Linear projections based upon 3 years' prior data, using simple linear regression trend analysis. <u>NOTE:</u> Not intended as a goal or target.		
Adjunct FTEF	1.93	0.79	0			
Overload FTEF (F-T Faculty)	0	0.07	0.76			
Retired FTEF	0	0	0			
Total FTEF	7.17	6.03	6.56			
Percent Full-time	73%	86%	88%			
Reassigned FTEF	0.8	0.72	0			
<b>Number of Sections</b>	25	22	24			
% Vocational Education	0%	0%	0%			
% Transferable	84%	86%	87%			
% Degree Applicable	16%	14%	13%			
% Basic Skills	0%	0%	0%	Notes: Academic Year = Fall + Spring only.		

Successful Course Completion Rates: 2009-10

Demographic Variable	Count	Col%	Non-Success			% Success	% Non-Success	% Withdraw
			Success	Withdraw	Success			
<b>Ethnicity</b>								
Asian	134	30	85	49	33	63	37	25
Black	1	0	1	0	0	100	0	0
Filipino	34	8	21	13	5	62	38	15
Hispanic	73	17	33	40	23	45	55	32
Native Am	1	0	0	1	0	0	100	0
Pac	4	1	0	4	3	0	100	75
Islander								
White	125	28	79	46	30	63	37	24
Other	69	16	37	32	24	54	46	35
Unrecorded	0	0	0	0	0	0	0	0
<b>Total</b>	<b>441</b>	<b>100</b>	<b>256</b>	<b>185</b>	<b>118</b>	<b>58</b>	<b>42</b>	<b>27</b>
<b>Gender</b>								
Female	147	33	90	57	37	61	39	25
Male	275	62	153	122	77	56	44	28
Unrecorded	19	4	13	6	4	68	32	21
<b>Total</b>	<b>441</b>	<b>100</b>	<b>256</b>	<b>185</b>	<b>118</b>	<b>58</b>	<b>42</b>	<b>27</b>
<b>Age</b>								
19 or less	159	36	104	55	33	65	35	21
20-24	213	48	112	101	64	53	47	30
25-29	38	9	23	15	12	61	39	32
30-34	9	2	2	7	4	22	78	44
35-39	3	1	3	0	0	100	0	0
40-49	3	1	1	2	2	33	67	67
50+	3	1	3	0	0	100	0	0
Unrecorded	13	3	8	5	3	62	38	23
<b>Total</b>	<b>441</b>	<b>100</b>	<b>256</b>	<b>185</b>	<b>118</b>	<b>58</b>	<b>42</b>	<b>27</b>

**DEFINITIONS:**

**Enrollments/Dup.Headcount:**  
Sum of end-of-term enrollments.

**WSCH:**  
"Weekly Student Contact Hours" = total hours per week a student attends a specific class. WSCH are used to report apportionment attendance and FTES.

**Retention%:**  
The percentage of enrollments with a grade of A, B, C, D, F, CR, NC, I, at end-of-term. (Only excludes W's.)

**Success%:**  
The percentage of enrollments with a grade of A, B, C, CR at end-of-term.

**FTEF:**  
"Full-Time Equivalent Faculty" is calculated at the course level as a proportion of a full-time teaching load. FTEF is calculated by using the Faculty Load Credit (FLC) assigned to the course.

**LOAD (Productivity) WSCH/FTEF:**  
Ratio of the weekly contact hours of enrolled students and a faculty's hours of instruction per week = faculty load. The State's productivity measure is 525 WSCH/FTEF.

**Reassigned FTEF:**  
Faculty assigned to projects to which there is no course/CRN.

**FTES:**  
Full-Time Equivalent Students. Definition to be supplied.

\*Slight discrepancies in the ratio of WSCH/FTEF (LOAD) are due to the rounding of numeric figures.

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INDICATOR	2007	Fall Term 2008	2009	DEFINITIONS:
Enrollments/Dup.Headcount	207	193	223	<b>Enrollments/Dup.Headcount:</b> Sum of end-of-term enrollments.
WSCH	1243.3	1174	1446.8	<b>WSCH:</b> "Weekly Student Contact Hours" = total hours per week a student attends a specific class. WSCH are used to report apportionment attendance and FTES.
FTES	41.4	39.1	48.2	
LOAD (WSCH/FTEF)*	339	424	465	<b>Retention%:</b> The percentage of enrollments with a grade of A, B, C, D, F, CR, NC, I, at end-of-term. (Only excludes W's.)
Retention %	81%	78%	75%	
Success %	64%	56%	59%	<b>Success%:</b> The percentage of enrollments with a grade of A, B, C, CR at end-of-term.
<b>Classroom Teaching FTEF</b>				
Full-time FTEF	2.59	2.7	3.11	<b>FTEF:</b> "Full-Time Equivalent Faculty" is calculated at the course level as a proportion of a full-time teaching load. FTEF is calculated by using the Faculty Load Credit (FLC) assigned to the course.
Adjunct FTEF	1.08	0.07	0	
Overload FTEF (F-T Faculty)	0	0	0	
Retired FTEF	0	0	0	<b>LOAD (Productivity) WSCH/FTEF:</b> Ratio of the weekly contact hours of enrolled students and a faculty's hours of instruction per week = faculty load. The State's productivity measure is 525 WSCH/FTEF.
Total FTEF	3.67	2.77	3.11	
Percent Full-time	71%	98%	100%	
Reassigned FTEF	0	0	0	<b>Reassigned FTEF:</b> Faculty assigned to projects to which there is no course/CRN.
<b>Number of Sections</b>	13	10	12	<b>FTEF:</b> Full-Time Equivalent Students. Definition to be supplied.
% Vocational Education	0%	0%	0%	
% Transferable	85%	90%	92%	
% Degree Applicable	15%	10%	8%	
% Basic Skills	0%	0%	0%	

\*Slight discrepancies in the ratio of WSCH/FTEF (LOAD) are due to the rounding of numeric figures.

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INDICATOR	2008	Spring Term 2009	2010	DEFINITIONS:  Enrollments/Dup.Headcount: Sum of end-of-term enrollments.  WSCH: "Weekly Student Contact Hours" = total hours per week a student attends a specific class. WSCH are used to report apportionment attendance and FTES.  Retention%: The percentage of enrollments with a grade of A, B, C, D, F, CR, NC, I, at end-of-term. (Only excludes W's.)  Success%: The percentage of enrollments with a grade of A, B, C, CR at end-of-term.  FTEF: "Full-Time Equivalent Faculty" is calculated at the course level as a proportion of a full-time teaching load. FTEF is calculated by using the Faculty Load Credit (FLC) assigned to the course.  LOAD (Productivity) WSCH/FTEF: Ratio of the weekly contact hours of enrolled students and a faculty's hours of instruction per week = faculty load. The State's productivity measure is 525 WSCH/FTEF.  Reassigned FTEF: Faculty assigned to projects to which there is no course/CRN.  FTES: Full-Time Equivalent Students. Definition to be supplied.
Enrollments/Dup. Headcount	193	210	231	
WSCH	1171.8	1373.11	1540.2	
FTES	39.1	45.8	51.3	
LOAD (WSCH/FTEF)*	334	421	446	
Retention %	80%	70%	71%	
Success %	61%	61%	57%	
<b>Classroom Teaching FTEF</b>				
Full-time FTEF	2.65	2.47	2.69	
Adjunct FTEF	0.85	0.72	0	
Overload FTEF (F-T Faculty)	0	0.07	0.76	
Retired FTEF	0	0	0	
Total FTEF	3.51	3.26	3.45	
Percent Full-time	76%	76%	78%	
Reassigned FTEF	0.8	0.72	0	
<b>Number of Sections</b>	12	12	12	
% Vocational Education	0%	0%	0%	
% Transferable	83%	83%	83%	
% Degree Applicable	17%	17%	17%	
% Basic Skills	0%	0%	0%	

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INDICATOR	Summer Term			DEFINITIONS:
	2008	2009	2010	
Enrollments/Dup.Headcount	22	32	28	Enrollments/Dup.Headcount: Sum of end-of-term enrollments.
WSCH	197.12	292.57	219.23	
FTES	6.6	9.8	7.3	WSCH: "Weekly Student Contact Hours" = total hours per week a student attends a specific class. WSCH are used to report apportionment attendance and FTES.
LOAD (WSCH/FTEF)*	302	686	514	
Retention %	91%	83%	72%	Retention%: The percentage of enrollments with a grade of A, B, C, D, F, CR, NC, I, at end-of-term. (Only excludes W's.)
Success %	64%	59%	52%	
<b>Classroom Teaching FTEF</b>				
Full-time FTEF	0	0	0	Success%: The percentage of enrollments with a grade of A, B, C, CR at end-of-term.
Adjunct FTEF	0	0	0	
Overload FTEF (F-T Faculty)	0.65	0.43	0.43	FTEF: "Full-Time Equivalent Faculty" is calculated at the course level as a proportion of a full-time teaching load. FTEF is calculated by using the Faculty Load Credit (FLC) assigned to the course.
Retired FTEF	0	0	0	
Total FTEF	0.65	0.43	0.43	LOAD (Productivity) WSCH/FTEF: Ratio of the weekly contact hours of enrolled students and a faculty's hours of instruction per week = faculty load. The State's productivity measure is 525 WSCH/FTEF.
Percent Full-time	0%	0%	0%	
Reassigned FTEF	0	0.65	0.43	Reassigned FTEF: Faculty assigned to projects to which there is no course/CRN.
<b>Number of Sections</b>	2	1	1	
% Vocational Education	0%	0%	0%	FTEF: Full-Time Equivalent Students. Definition to be supplied.
% Transferable	100%	100%	100%	
% Degree Applicable	0%	0%	0%	
% Basic Skills	0%	0%	0%	

\*Slight discrepancies in the ratio of WSCH/FTEF (LOAD) are due to the rounding of numeric figures.