



**COMMITTEE ON ACADEMIC PLANNING AND REVIEW
ANNUAL PROGRAM REPORT**

College	CEAS
Department	TED
Program Unit	Educational Technology
Reporting for Academic Year	2014-2015
Department Chair	Erich /Bijan Gillani
Date Submitted	5/28/2014

1. SELF-STUDY (about 1 page)

A. Five-year Review Planning Goals

Responding to the demand of the market and students, the graduate program in Educational Technology Leadership has created new courses. These courses include EDUI 6250 iPad Application Development, EDUI 6002 Animation for the Web, EDUI 6005 Digital Graphics, EDUI 6480 Math Science and Technology, EDUI 6220 Introduction to Web Database Design for Educators, EDUI 6230 Advanced Web Database Design for Educators. Other changes in the program include curriculum road map and exit survey.

B. Five-year Review Planning Goals Progress

The progress toward our proposed Goals has been tremendous. All proposed courses were accepted and we have implemented them in the Educational Technology program for the past five years. iPad Application development proved to be highly successful. Students who learn to develop iPad/iPhone application have become much more marketable toward their career goals. Both EDUI 6002 Animation for the Web, EDUI 6005 Digital Graphics, have proven to be highly popular among students. The most fruitful new course is EDUI 6480 Math Science and Technology (STEM). Currently the entire nation is striving to include STEM in their curriculum. They have not always been successful. Our STEM course takes an integrated, interdisciplinary, and collaborative complimentary approach. This approach has been highly successful. Fortunately for our program, the Next Generation Science Standard (NGSS) that was just released emphasized the approach that we have taken in our program. Furthermore in our interdisciplinary approach we have connected to common Core Standard, as well as Mathematics Standards. According to students input, they highly enjoy such approach and they think it is the most practical and useful approach to teach STEM.

Curriculum road map for the program has been implement and it is in progress. The Curriculum road map include the following:

1. Initial Courses: Complete from the Core: EDUI 6110, EDUI 6200, and electives (Electives vary depending on the area of specialization approved by advisor)

2. In the Middle Courses: Complete from the Core: EDUI 6350, EDUI 6500, and electives (Electives vary depending on the area of specialization approved by advisor)
3. Pre-Culminating Course: Complete from the Core: EDUI 6280, and electives (Electives vary depending on the area of specialization approved by advisor)
4. Culminating Course: Complete from the Core: EDUI 6600 and MS Project EDUI 6899 or
5. Thesis EDUI 6909

C. Program Changes and Needs

In order to continue our success for curriculum the Educational Technology is in need of emerging needs that include new faculty, facilities, and latest technological equipment. Because of budget cuts in recent years there have been significant curricular changes since March of 2009. We cut down a lot less elective courses, less time to spend with our students because both faculty in the program do not teach full time. Part of their time has been devoted to teach TED course. The budget cut has drastically damaged the program. The computer labs that we used in the past are now closed. This has resulted in students spending less time on their projects with faculty helping them. Educational technology is in dire need of resources, equipment, and additional faculty just to be equal to its level of support in 2009.

2. SUMMARY OF ASSESSMENT (about 1 page)

A. Program Student Learning Outcomes

In the area of assessment, Educational Technology Program candidates must demonstrate in-depth knowledge of the content knowledge through their performance on the “key assignment” associated with the required courses in their specialty areas. These “key assignment” are ones that program faculty have identified as essential to courses, in that they allow candidates to demonstrate their understanding of the major concepts of the course. The key assignments and rubrics on which the instructors evaluate the key assignments and provide feedback to the candidates are posted on the unit-wide electronic assessment tool, TaskStream. In the last two year the program initiated and using Blackboard for assessing the rubric for the key course. Now the entire college uses the same system. This tool allows faculty to access individual and program information regarding candidates’ progress at specific points in time, across and within programs.

B. Program Student Learning Outcome(s) Assessed

The assessment system have been developed and confirmed by faculty in the program and the department chair of Teacher Education. The specific system includes initial, midpoint and pre-culminating, and culminating assessment: Decisions about candidate performance are based on multiple assessments made at multiple points before program completion. The models focus on student performance; with early, mid-point and summative measures. Authentic assessments are a focal point for program assessment.

C. Summary of Assessment Process

The system has been developed for (a) measuring progress for the candidates, (b) identifying strengths and issues of the program, (c) internal planning and analysis of the program (d) measuring candidate performance, and (e) continuous improvement. The assessment system:

1. Represents the coordination of data and accountability measures;
2. Is based on the shared values reflected in the program’s conceptual framework;
3. Is a comprehensive system that is congruent with the College of Education and Allied Studies strategic plan and NCATE Unit standards
4. Reflects the capability of addressing multiple demands for data (current and over time) to enhance program planning and improvement.

D. Summary of Assessment Results

Program data are being collected, analyzed and used for the primary purpose of improvement at program level. SharePoint and TaskStream and now Blackboard are used to input, store, analyze and generate data. The Program advisor and the Chairperson of the Department of Teacher Education provide reports to College of Education on the data produced through assessments. Program faculty and advisory council members review these results and recommend improvements based on the analyses.

In 2012-2013, there were eight signature assignments completed on Taskstream for our program. Summarized below are the results for one assignment, the Technology Case Study completed in EDUI 6350. In this assignment, students study and examine an innovative technology implementation project in an institution. The 2011-2102 results are presented for comparison. All items scored on a 4-point scale, 4

highest.

EDUI 6350 Technology Case Study

2011-2012 n = 23

2012-2013 n = 11

4 point scale 4 highest

Average scores

	11-12	12-13
Introduction	3.98	3.95
Background Information	3.98	4.00
Description of the Project	3.98	4.00
Discussion, Conclusion	3.97	4.00
Theoretical Framework for Lesson Design	4.00	4.00
Technology Integration for Cognitive Development	4.00	4.00
Process	4.00	4.00
Resources	4.00	4.00
Evaluation	3.89	3.73
Overall Visual Appeal	4.00	4.00
Navigation and Flow	4.00	4.00
Average of All Scores	3.99	3.98

The scores reveal the excellent work the students have submitted. They also reveal that students' scores in the item "Evaluation" are lower than for other items. Faculty agreed that in future sections of EDUI 6350, greater attention will be given to the process and criteria for evaluating a complex technology implementation project in an institution.

3. Supporting Statistical Data

APR Summary Data, Demographics of Majors, Degrees conferred by the program, Student Faculty Ratio, and Course History

All data below can be found at:

<http://www20.csueastbay.edu/ir/academic-program-review/index.html>

California State University, East Bay
APR Summary Data
Fall 2009 - 2013

Education Interdisciplinary					
Item	Fall Quarter				
	2009	2010	2011	2012	2013
A. Students Headcount					
No student enrollment					
1. Undergraduate					
2. Postbaccalaureate					
3. Graduate					
4. Total Number of Majors					
College Years					
B. Degrees Awarded					
	08-09	09-10	10-11	11-12	12-13
1. Undergraduate					
2. Graduate					
3. Total					
Fall Quarter					
	2009	2010	2011	2012	2013
C. Faculty					
Tenured/Track Headcount					
No faculty appointments					
1. Full-Time	0	0	0	0	0
2. Part-Time	0	0	0	1	1
3a. Total Tenure Track	0	0	0	1	1
3b. % Tenure Track	0.0%	#DIV/0!	#DIV/0!	100.0%	0.0%
Lecturer Headcount					
4. Full-Time	0	0	0	0	0
5. Part-Time	6	0	0	0	0
6a. Total Non-Tenure Track	6	0	0	0	0
6b. % Non-Tenure Track	100.0%	#DIV/0!	#DIV/0!	0.0%	0.0%
7. Grand Total All Faculty	6	0	0	1	1
Instructional FTE Faculty (FTEF)					
8. Tenured/Track FTEF	2.0	1.2	2.1	1.8	1.7
9. Lecturer FTEF	0.0	0.0	0.0	0.0	0.0
10. Total Instructional FTEF	2.0	1.2	2.1	1.8	1.7
Lecturer Teaching					
11a. FTES Taught by Tenure/Track	19.9	16.5	22.2	19.9	17.5
11b. % of FTES Taught by Tenure/Track	100.0%	100.0%	100.0%	100.0%	100.0%
12a. FTES Taught by Lecturer	0.0	0.0	0.0	0.0	0.0
12b. % of FTES Taught by Lecturer	0.0%	0.0%	0.0%	0.0%	0.0%
13. Total FTES taught	19.9	16.5	22.2	19.9	17.5
14. Total SCU taught	298.0	247.0	333.0	298.0	262.0
D. Student Faculty Ratios					
1. Tenured/Track	9.9	13.9	10.4	10.8	10.3
2. Lecturer	0.0	0.0	0.0	0.0	0.0
3. SFR By Level (All Faculty)	9.9	13.9	10.4	10.8	10.3
4. Lower Division	0.0	0.0	0.0	0.0	0.0
5. Upper Division	0.0	0.0	0.0	0.0	0.0
6. Graduate	9.9	13.9	10.4	10.8	10.3
E. Section Size					
1. Number of Sections Offered	12.0	7.0	10.0	13.0	9.0
2. Average Section Size	14.4	26.0	23.3	11.0	19.0
3. Average Section Size for LD	0.0	0.0	0.0	0.0	0.0
4. Average Section Size for UD	0.0	0.0	0.0	0.0	0.0
5. Average Section Size for GD	14.4	26.0	23.3	11.0	19.0
6. LD Section taught by Tenured/Track	0	0	0	0	0
7. UD Section taught by Tenured/Track	0	0	0	0	0
8. GD Section taught by Tenured/Track	12	7	10	13	9

California State University, East Bay

APR Summary Data

Fall 2009 - 2013

Teacher Education					
Item	Fall Quarter				
	2009	2010	2011	2012	2013
A. Students Headcount					
1. Undergraduate	0	0	0	0	0
2. Postbaccalaureate (Credential)	332	256	273	271	273
3. Graduate	138	159	119	75	76
4. Total Number of Majors	470	415	392	346	349
College Years					
B. Degrees Awarded					
	08-09	09-10	10-11	11-12	12-13
1. Undergraduate	0	0	0	0	0
2. Graduate	162	138	149	107	131
3. Total	162	138	149	107	131
Fall Quarter					
	2009	2010	2011	2012	2013
C. Faculty					
Tenured/Track Headcount					
1. Full-Time	20	14	14	13	11
2. Part-Time	1	1	3	2	4
3a. Total Tenure Track	21	15	17	15	15
3b. % Tenure Track	27.3%	34.9%	42.5%	31.3%	31.9%
Lecturer Headcount					
4. Full-Time	2	1	1	0	0
5. Part-Time	54	27	22	33	32
6a. Total Non-Tenure Track	56	28	23	33	32
6b. % Non-Tenure Track	72.7%	65.1%	57.5%	68.8%	68.1%
7. Grand Total All Faculty	77	43	40	48	47
Instructional FTE Faculty (FTEF)					
8. Tenured/Track FTEF	10.5	9.7	9.1	9.3	9.4
9. Lecturer FTEF	10.0	3.0	2.5	1.8	1.8
10. Total Instructional FTEF	20.5	12.7	11.6	11.1	11.2
Lecturer Teaching					
11a. FTES Taught by Tenure/Track	225.1	236.8	215.0	207.2	193.8
11b. % of FTES Taught by Tenure/Track	50.9%	74.1%	76.2%	81.0%	86.5%
12a. FTES Taught by Lecturer	217.5	82.7	67.2	48.5	30.3
12b. % of FTES Taught by Lecturer	49.1%	25.9%	23.8%	19.0%	13.5%
13. Total FTES taught	442.6	319.5	282.2	255.7	224.1
14. Total SCU taught	6639.0	4792.0	4233.0	3836.0	3362.0
D. Student Faculty Ratios					
1. Tenured/Track	21.4	24.4	23.8	22.2	20.6
2. Lecturer	21.8	27.5	26.8	26.7	17.3
3. SFR By Level (All Faculty)	21.6	25.1	24.4	23.0	20.1
4. Lower Division	0.0	0.0	0.0	0.0	0.0
5. Upper Division	9.1	35.9	28.1	9.4	18.0
6. Graduate	21.8	24.9	24.1	24.6	20.2
E. Section Size					
1. Number of Sections Offered	108.0	67.0	59.0	58.0	51.0
2. Average Section Size	21.3	27.5	31.4	21.6	20.3
3. Average Section Size for LD	0.0	0.0	0.0	0.0	0.0
4. Average Section Size for UD	13.0	33.0	24.4	17.2	17.6
5. Average Section Size for GD	21.5	27.3	32.2	22.0	20.7
6. LD Section taught by Tenured/Track	0	0	0	0	0
7. UD Section taught by Tenured/Track	2	2	2	3	4
8. GD Section taught by Tenured/Track	36	53	41	44	38

Education		CY08-09				CY09-10				CY10-11				CY11-12				CY12-13			
		Degree Level			Total	Degree Level			Total	Degree Level			Total	Degree Level			Total	Degree Level			Total
		Bccalaureate	Master	Ed Doctor		Bccalaureate	Master	Ed Doctor		Bccalaureate	Master	Ed Doctor		Bccalaureate	Master	Ed Doctor		Bccalaureate	Master	Ed Doctor	
Female	Black, non-Hispanic		4		4		9		9		5		5		11		11		9		9
	American Indian or Alaska Native						1		1												
	Asian		14		14		12		12		15		15		12		12		14		14
	Pacific Islander		1		1										1		1				
	Hispanic		10		10		8		8		21		21		7		7		8		8
	White		64		64		57		57		57		57		34		34		44		44
	Multiple ethnicity						1		1		4		4		3		3		1		1
	Race/ethnicity unknown		29		29		23		23		13		13		14		14		15		15
	Nonresident aliens										2		2		3		3		1		1
Male	Black, non-Hispanic		2		2		3		3		2		2						1		1
	American Indian or Alaska Native																				
	Asian		2		2		3		3		2		2						4		4
	Pacific Islander									1		1							1		1
	Hispanic		6		6		1		1		5		5		5		5		3		3
	White		15		15		15		15		15		15		11		11		22		22
	Multiple ethnicity										1		1		1		1				
	Race/ethnicity unknown		15		15		5		5		6		6		4		4		8		8
	Nonresident aliens														1		1				
Total	Black, non-Hispanic		6		6		12		12		7		7		11		11		10		10
	American Indian or Alaska Native						1		1												
	Asian		16		16		15		15		17		17		12		12		18		18
	Pacific Islander		1		1					1		1		1		1		1		1	1
	Hispanic		16		16		9		9		26		26		12		12		11		11
	White		79		79		72		72		72		72		45		45		66		66
	Multiple ethnicity						1		1		5		5		4		4		1		1
	Race/ethnicity unknown		44		44		28		28		19		19		18		18		23		23
	Nonresident aliens										2		2		4		4		1		1

Course History Table 10.1c
California State University, East Bay
COURSE HISTORY
By Quarter from Summer 2009 through Spring 2014

TED		Summer					Fall					Winter				Spring			
		Sumr 2009	Sumr 2010	Sumr 2011	Sumr 2012	Sumr 2013	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Wntr 2010	Wntr 2011	Wntr 2012	Wntr 2013	Sprg 2010	Sprg 2011	Sprg 2012	Sprg 2013
Upper Division	Number Sections	1.0	2.0	0	0	0	2.0	2.0	5.0	5.0	5.0	5.0	1.0	5.0	4.0	5.0	4.0	3.0	3.0
	Total Enrollment	26	30	0	0	0	26	66	122	86	88	83	11	78	88	71	44	49	25
	Avg Section Size	26.0	15.0	0	0	0	13.0	33.0	24.4	17.2	17.6	20.0	11.0	15.6	22.0	17.5	11.0	16.3	8.0
Undergraduate	Number Sections	1.0	2.0	0	0	0	2.0	2.0	5.0	5.0	5.0	5.0	1.0	5.0	4.0	5.0	4.0	3.0	3.0
	Total Enrollment	26	30	0	0	0	26	66	122	86	88	83	11	78	88	71	44	49	25
	Avg Section Size	26.0	15.0	0	0	0	13.0	33.0	24.4	17.2	17.6	20.0	11.0	15.6	22.0	17.5	11.0	16.3	8.0
Graduate	Number Sections	96.0	64.0	61.0	67.0	53.0	106.0	65.0	54.0	53.0	46.0	83.0	57.0	45.0	51.0	76.0	49.0	53.0	55.0
	Total Enrollment	2,018	1,479	1,571	1,608	1,387	2,418	1,757	1,521	1,151	1,011	1,821	1,363	1,315	1,057	1,649	1,147	1,189	1,440
	Avg Section Size	22.6	27.4	29.5	27.9	28.2	21.5	27.3	32.2	22.0	20.7	24.2	27.1	29.8	20.3	23.4	26.0	26.6	28.1
DISCIPLINE TOTAL	Number Sections	97.0	66.0	61.0	67.0	53.0	108.0	67.0	59.0	58.0	51.0	88.0	58.0	50.0	55.0	81.0	53.0	56.0	58.0
	Total Enrollment	2,044	1,509	1,571	1,608	1,387	2,444	1,823	1,643	1,237	1,099	1,904	1,374	1,393	1,145	1,720	1,191	1,238	1,465
	Avg Section Size	22.6	26.9	29.5	27.9	28.2	21.3	27.5	31.4	21.6	20.3	24.0	26.8	28.1	20.4	23.1	24.7	25.9	27.7

EDUI		Summer			Fall					Winter				Spring			
		Sumr 2009	Sumr 2011	Sumr 2012	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Wntr 2010	Wntr 2011	Wntr 2012	Wntr 2013	Sprg 2010	Sprg 2011	Sprg 2012	Sprg 2013
Graduate	Number Sections	13.0	5.0	5.0	12.0	7.0	10.0	13.0	9.0	10.0	9.0	12.0	15.0	9.0	8.0	11.0	14.0
	Total Enrollment	87	22	20	82	61	83	75	64	87	107	101	103	89	98	139	128
	Avg Section Size	8.8	18.0	14.0	14.4	26.0	23.3	11.0	19.0	16.0	20.2	22.5	20.5	19.0	22.5	24.0	18.3
DISCIPLINE TOTAL	Number Sections	13.0	5.0	5.0	12.0	7.0	10.0	13.0	9.0	10.0	9.0	12.0	15.0	9.0	8.0	11.0	14.0
	Total Enrollment	87	22	20	82	61	83	75	64	87	107	101	103	89	98	139	128
	Avg Section Size	8.8	18.0	14.0	14.4	26.0	23.3	11.0	19.0	16.0	20.2	22.5	20.5	19.0	22.5	24.0	18.3

Academic Program Review SFR Table - Subject
 California State University, East Bay
 SFR BY COURSE LEVEL: TERM FULL-TIME EQUIVALENT STUDENTS / ALL FACULTY
 AND LECTURERS
 Fall 2009 through Fall 2013

		Total SCU					term_ft es					term_ft ef					term_sf r				
		Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
EDUI	Tenured & Tenure Track	298.0	247.0	333.0	298.0	262.0	19.87	16.47	22.20	19.87	17.47	2.00	1.18	2.13	1.84	1.69	9.93	13.91	10.41	10.80	10.31
	Lecturer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lower Division	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Upper Division	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Graduate	298.0	247.0	333.0	298.0	262.0	19.87	16.47	22.20	19.87	17.47	2.00	1.18	2.13	1.84	1.69	9.93	13.91	10.41	10.80	10.31
	Total	298.0	247.0	333.0	298.0	262.0	19.87	16.47	22.20	19.87	17.47	2.00	1.18	2.13	1.84	1.69	9.93	13.91	10.41	10.80	10.31
TED	Tenured & Tenure Track	3376.0	3552.0	3225.0	3108.0	2907.0	225.07	236.80	215.00	207.20	193.80	10.50	9.72	9.05	9.32	9.41	21.43	24.35	23.76	22.24	20.59
	Lecturer	3263.0	1240.0	1008.0	728.0	455.0	217.53	82.67	67.20	48.53	30.33	9.99	3.01	2.51	1.82	1.75	21.77	27.46	26.78	26.65	17.30
	Lower Division	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Upper Division	52.0	99.0	373.0	174.0	157.0	3.47	6.60	24.87	11.60	10.47	0.38	0.18	0.88	1.23	0.58	9.10	35.87	28.13	9.42	17.95
	Graduate	6587.0	4693.0	3860.0	3662.0	3205.0	439.13	312.87	257.33	244.13	213.67	20.11	12.55	10.67	9.91	10.58	21.84	24.93	24.11	24.64	20.19
	Total	6639.0	4792.0	4233.0	3836.0	3362.0	442.60	319.47	282.20	255.73	224.13	20.49	12.73	11.56	11.14	11.17	21.60	25.09	24.42	22.96	20.07

Additional Information can be found at:
<http://www20.csueastbay.edu/ir/academic-program-review/index.html>