COMMITTEE ON ACADEMIC PLANNING AND REVIEW
ANNUAL PROGRAM REPORT

College	CEAS
Department	TED
Program Unit	Educational Technology
Reporting for Academic Year	2013-2014
Department Chair	Erich Engdahl
Date Submitted	7/29/2015

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. Other changes in the program include curriculum road map and exit survey. The Educational Technology program is also in the process of converting to a semester based graduate program.

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/iPhone 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.

3. STATISTICAL DATA

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

Education Interdisciplinary					
	Fall Quarter				
Item	**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

CAPR Table 1

California State University, East Bay

Education		Fall 2009		Fall 2010		Fall 2011		Fall 2012		Fall 2013	
		Degree Level	TOTAL	Degree Level	TOTAL	Degree Level	TOTAL	Degree Level	TOTAL	Degree Level	TOTAL
		Master		Master		Master		Master		Master	
Female	Black, non-Hispanic	10	10	11	11	14	14	6	6	2	2
	American Indian or Alaska Native	2	2								
	Asian	22	22	13	13	17	17	10	10	7	7
	Pacific Islander	1	1	1	1						
	Hispanic	7	7	25	25	11	11	7	7	6	6
	White	51	51	52	52	18	18	19	19	14	14
	Multiple ethnicity	1	1	5	5	5	5	1	1		
	Race/ethnicity unknown	20	20	18	18	24	24	6	6	22	22
	Nonresident aliens	2	2	2	2	3	3	3	3	3	3
Male	Black, non-Hispanic	1	1	1	1	1	1			2	2
	American Indian or Alaska Native										
	Asian	4	4	2	2	1	1	2	2		
	Pacific Islander										
	Hispanic	3	3	4	4	4	4	1	1	1	1
	White	11	11	16	16	14	14	10	10	5	5
	Multiple ethnicity	1	1					1	1	1	1
	Race/ethnicity unknown	2	2	9	9	7	7	9	9	10	10
	Nonresident aliens									3	3
Total	Black, non-Hispanic	11	11	12	12	15	15	6	6	4	4
	American Indian or Alaska Native	2	2								
	Asian	26	26	15	15	18	18	12	12	7	7
	Pacific Islander	1	1	1	1						
	Hispanic	10	10	29	29	15	15	8	8	7	7
	White	62	62	68	68	32	32	29	29	19	19
	Multiple ethnicity	2	2	5	5	5	5	2	2	1	1
	Race/ethnicity unknown	22	22	27	27	31	31	15	15	32	32
	Nonresident aliens	2	2	2	2	3	3	3	3	6	6

California State University, East Bay

COURSE HISTORY

By Quarter from Summer 2009 through Spring 2013

Discipline Area: 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

Source: CSU Academic Planning Data Base (APDB); Section Master File (BKPD SMF) and Faculty Master File(BKPD FMF)

Number of Sections may be less than one for cross-listed courses. When Number of Sections is less than 1, Average Size may be invalid

*Average Section Size includes all course classification types except supervised individual study courses per CO APDB reporting definition. Average Section size for cross-listed courses may differ for individual sections due to rounding

Location: Cal State East Bay Course History Report csu/pgm/csusystem/apdb/section.tables.crshis.sas

Office of Planning and Institutional Research

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_ftes					term_ftef					term_sfr				
		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