



VISION STATEMENT: The CSUS Construction Management Program faculty and staff will consistently attain the highest standards in the development of practical construction excellence and entrepreneurship

ACADEMIC QUALITY PLAN (Academic Year 2012/13)

MISSION OF THE CM PROGRAM

M1: To continue fostering the development of individuals who are qualified upon graduation to perform ethically, responsibly and productively in management positions with construction contractors.

M2: Maintaining a construction management program that is vibrant, relevant, and responsive to the students and industry it serves will fulfill the mission.

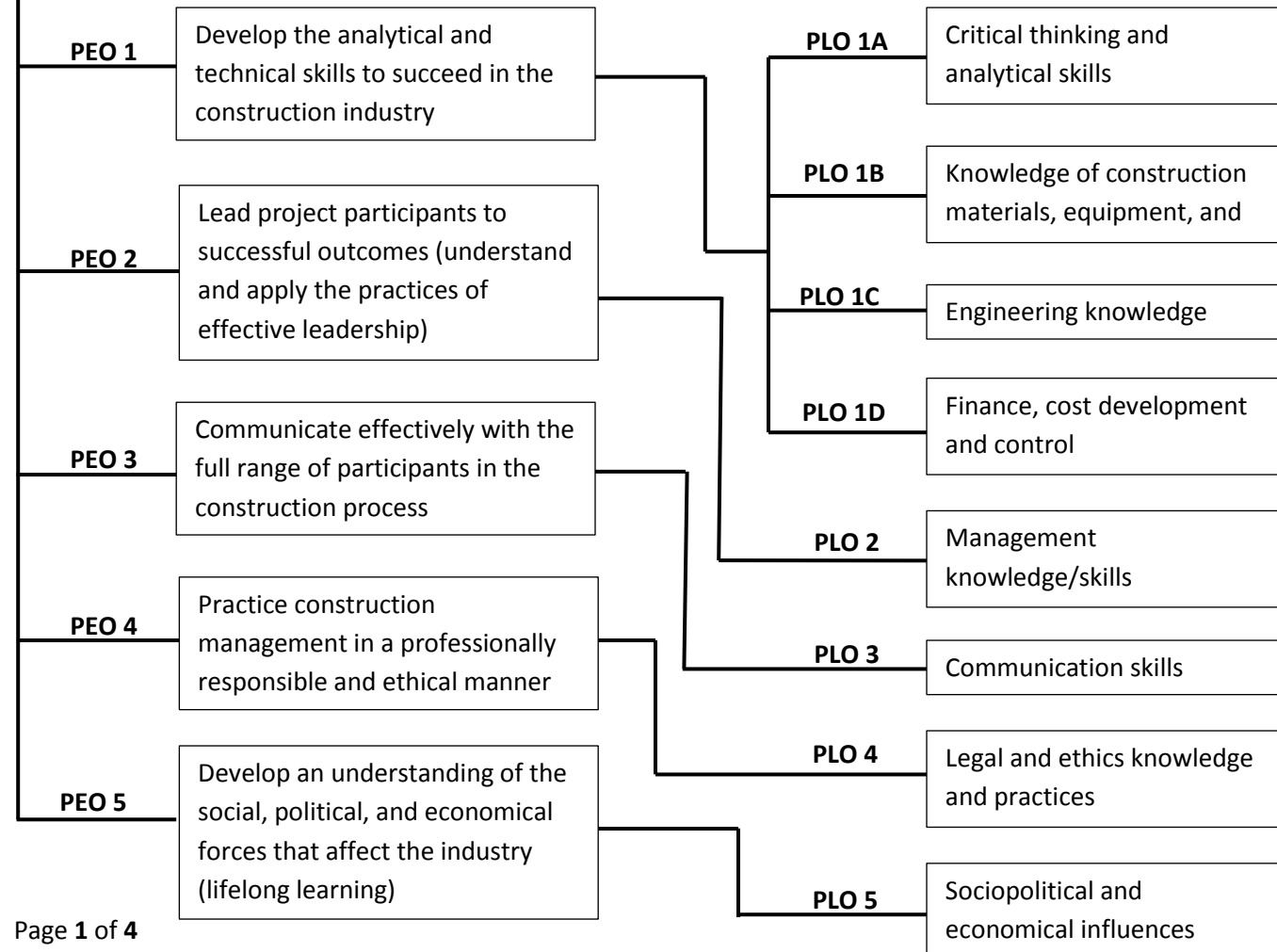
M3: Broad-based fundamental technical and management skill, an understanding of the political, economic, and social issues influencing the industry, sensitivity to moral and ethical issues involving the profession, and effective communication and teamwork skills characterize the CSUS Construction Management Program graduate.

M4: Faculty will continue to encourage their students to think like business owners, to independently explore and discover, to recognize education as a life-long endeavor, and to be thoughtful, responsible citizens

PROGRAM EDUCATIONAL OBJECTIVES (PEO):
A set of expectations that the Program establishes for students to be able to achieve after they graduate

PROGRAM LEARNING OUTCOMES (PLO):
A set of objectives that the students are expected to accomplish as they go through the program

COURSE LEVEL LEARNING OUTCOMES:
Standardized Course Syllabus lists the Course Objectives and Specific Educational Outcomes



COURSE MAPPING

PLO	Construction Unit Course																			
	CM 9	CM 10	CM 20	CM 21	CM 22	CM 30	CM 40	CM 110	CM 111	CM 120	CM 121	CM 124	CM 126	CM 127	CM 129	CM 130	CM 135	CM 136	CM 140	CM 150
1A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
1B			X		X		X			X	X	X		X						
1C	X		X	X		X	X			X		X				X	X	X	X	X
1D			X	X	X			X		X	X	X	X	X	X					
2		X	X	X	X			X	X	X	X	X	X	X	X			X		
3	X	X	X	X	X		X	X	X	X	X	X	X	X	X					
4		X			X			X	X				X		X					
5				X	X			X	X				X		X					

SECONDARY MISSION:
CM Program to serve as a source of education, training, and research for organizations performing construction services, when resources permit and demand exists.

TOPICS UNDER CONSIDERATION

- OSHA 10/30 Training
- DBIA Courses
- LEED Certification
- Construction Certificate Program for Civil Engineers

PROGRAM LEVEL ASSESSMENT

ACADEMIC QUALITY PLAN (Academic Year 2012/13)

PROGRAM EDUCATIONAL OBJECTIVES (PEO):

A set of expectations that the Program establishes for students to be able to achieve after they graduate

PEO 1

Develop the analytical and technical skills to succeed in the construction industry

PEO 2

Lead project participants to successful outcomes (understand and apply the practices of effective leadership)

PEO 3

Communicate effectively with the full range of participants in the construction process

PEO 4

Practice construction management in a professionally responsible and ethical manner

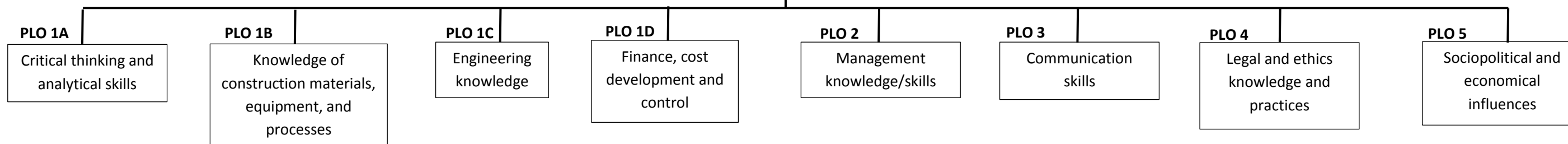
PEO 5

Develop an understanding of the social, political, and economical forces that affect the industry (lifelong learning)

ASSESSMENT MEASURES	CONSTITUENTS	DATA COLLECTION	ANALYSIS METHOD	RECORDKEEPING	CYCLIC PROCESS
Comprehensive Curriculum Review	Industry, Alumni, Adjunct Faculty, and Full-time Faculty	Workshop Meeting held on Campus	PENDING Data to be collected beginning in January 2013	Records to be kept by CM Department and results reported on website	Every 3 years, or sooner if major curriculum changes are being proposed
Sacramento Construction Management Education Foundation (SCMEF)	Representatives on the Industry Advisory Board (owners, managers)	Feedback and Input from members during regular board meetings	Department Chair discusses action items with department faculty, and faculty decide on changes to be implemented	Meeting Minutes kept for all board meetings, CM Department Chair attends all meetings	Executive Board meets monthly and general board meets quarterly
Industry Surveys	Employers, Association Members	Surveys for employers to report on student interns and alumni employed with their company	PENDING Data to be collected beginning in January 2013	Records to be kept by CM Department and results reported on website	Surveys to be emailed to employers every 5 years
Alumni Surveys	Graduates of the Program	Online Surveys for Alumni 3 and 6 years outside graduation	PENDING Data to be collected beginning in January 2013	Records to be kept by CM Department and results reported on website	Emails to be sent to alumni at 3 and 6 years out, to occur on an annual basis
Shared Ideas with Colleagues from other universities	Faculty and Industry	ASC Conferences, ACCE meetings, MCAA summits and conferences, AGC conferences	Discussions on Assessment techniques, BIM course offerings, training sessions, ACCE standards and case studies	Notes recorded at meetings and ideas shared with other department faculty at bimonthly meetings	Conferences and Meetings multiple times each year

CURRICULUM LEVEL ASSESSMENT

PROGRAM LEARNING OUTCOMES (PLO):
A set of objectives that the students are expected to accomplish as they go through the program



ASSESSMENT MEASURES	CONSTITUENTS	DATA COLLECTION	ANALYSIS METHOD	RECORDKEEPING	CYCLIC PROCESS
Curriculum Committee	Full-time Faculty	On-going, proposed curriculum changes are discussed at the department meetings	Changes are approved at the faculty level, then the college committee, and finally at the university level.	Curriculum flow charts reflect changes to the courses	On-going, bi-monthly department meetings
Major Advising	Undergraduate Students	Cyclical, mandatory each year for all students.	Issues are discussed about the student's experience in the program, and concerns are alleviated.	Student records and advisor notes are kept in a red student file folder in department office	Mandatory for all CM students every spring semester
Senior Exit Interviews	Graduating Seniors	Oral interviews with Department chair and each graduate	Findings resulting from the interviews are shared with the CM faculty to determine if changes are warranted.	Student names are kept confidential, but the forms are filed by the dept chair	Annually
Graduating Senior Surveys	Graduating Seniors	Form to be completed and dropped off with department office	Findings resulting from the surveys are shared with the CM faculty to determine if changes are warranted.	Student names are kept confidential, but the forms are filed by the dept chair	Annually
Student Competition Events – ASC, MCAA, NECA	Industry/Alumni team coaches, Industry problem sponsors, students, faculty	Workshop Meeting held on Campus	As a result of the experience in the competition, feedback is provided for faculty to consider revised subject matter in the classroom	Trophy and awards display case in department office	Annually

INDIVIDUAL COURSE LEVEL ASSESSMENT

COURSE LEVEL LEARNING OUTCOMES:

Standardized Course Syllabus lists the Course Objectives and Specific Educational Outcomes

COURSE MAPPING

PLO	Construction Unit Course																			
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1A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
1B			X		X		X			X	X	X		X						
1C	X		X	X		X	X			X		X				X	X	X	X	X
1D			X	X	X			X		X	X	X	X	X	X					
2		X	X	X	X			X	X	X	X	X	X	X	X			X		
3	X	X	X	X	X		X	X	X	X	X	X	X	X	X					
4		X			X			X	X				X		X					
5				X	X			X	X				X		X					

ASSESSMENT MEASURES	CONSTITUENTS	DATA COLLECTION	ANALYSIS METHOD	RECORDKEEPING	CYCLIC PROCESS
Student Evaluations of Teachers (SET)	Students	Evaluations are proctored by department administrative support	Faculty receive copies of the evaluations after the semester is completed, and are advised to be proactive with changes to their course.	Records kept by the dean’s officer, and made available to faculty for review	At the end of every semester for all courses, mandatory
Faculty Course Reflections	Full-time faculty, and adjunct faculty	Faculty voluntarily participate in this evaluation of their work.	Faculty analyze their own data and make adjustments to their course materials as they feel necessary.	Faculty keep their own records, but will soon be required to summarize their findings for annual assessment reports	At the end of every semester for all courses, will become mandatory beginning fall 2012

PROPOSED 2012/14 Assessment Plan – allowing 2 years to fully implement per the schedule below:

Faculty to map their individual course material to the Program Learning Objectives (PLO) per the above mapping table. Specific material in the form of quizzes, assignments, and test problems must be collected for data analysis. Once the data is collected, then the faculty will analyze and report on their findings, such as what changes will be implemented in the course to improve the course outcome. Additionally, faculty will map the ACCE topical standards to their course material to include at a minimum of listing the standards reference section alongside the topics in the course outline on the syllabus.

FALL 2013:

CM 10, CM 21, CM 121, CM 126,

SPRING 2014:

CM 9, CM 22, CM 30, CM 111, CM 135, CM 140, CM 129,

FALL 2014:

CM 40, CM 110, CM 120, CM 121, CM 124, CM 130, CM 136, CM 150

SPRING 2015:

CM 20, CM 125, CM 127