

CALIFORNIA STATE UNIVERSITY, EAST BAY

Designation Code: **2010-11 CAPR 8 (revised)**

Date Submitted: May 5, 2011

TO: The Academic Senate

FROM: Committee on Academic Planning & Review (CAPR)

SUBJECT: Engineering Certificates approval

PURPOSE: For Action by the Academic Senate

ACTION

REQUESTED: That the Academic Senate approves the request of the Engineering program to establish two new graduate certificate programs in the following fields, effective Fall 2012:

- Construction Project Administration
- Construction Planning and Control

BACKGROUND:

At its May 5, 2011 meeting, CAPR unanimously recommended that the Academic Senate approve the establishment of two new graduate certificate programs within the Engineering program in Construction Project Administration and Construction Planning and Control. The goal of these two certificate programs is to increase the enrollment in the engineering program and to create visibility for the Engineering Department in local industry. Both certificate programs consist of 16 units and are designed to give recognition to students who complete a curriculum emphasizing Construction Planning and Control or Project Administration. They both encompass curricula designed for construction and construction-related professionals interested in expanding their horizons and career opportunities without committing to the masters degree program requiring 48 units. The certificate programs offer a concentrated training in construction project management and administration respectively. The certificates are applicable towards a master's degree in Construction Management after the student applies, gains acceptance, and completes the remainder of the curriculum for the degree. These certificates will appear in the University catalog in 2012-13.

CALIFORNIA STATE UNIVERSITY, EAST BAY

First Quarter of Offering
 Quarter: **FALL**
 Year: 2012
 Date Submitted to APGS: 11/4/10
 Catalog: 2012-2013

**REQUEST FOR APPROVAL OF NEW GRADUATE CERTIFICATE
 IN CONSTRUCTION PLANNING AND CONTROL**

1. Department: Engineering
2. Full and exact **title** of Certificate: **Construction Planning and Control**
3. **Purpose** of the proposed aggregate of courses: To increase the enrollment in the engineering program and to create visibility for the Engineering Department in local industry. In these times of tight budgets it is essential that we develop innovative programs to increase the Engineering enrollment. The increase in enrollment and funding as a result of this certificate program will come from two sources:
 - (a) Existing graduate students in Construction Management, Engineering and graduate students from other Departments could enroll in this certificate program to add to their credentials and increase their employment opportunities.
 - (b) We will target working engineers and other employees in construction to enroll in this program.
4. List of all **requirements** including the **courses**, by catalog prefix number, title, and units of credit, as well as **total units** to be required under the proposed Certificate.

Prerequisite for Certificate: Bachelor's Degree		
COURSE CATALOG NUMBER	TITLE	UNIT S
CMGT 6400	Construction Cost Estimating	4
CMGT 6500	Construction Project Planning and Control, Computer Tools	4
CMGT 6600	Financial Decision Making and Reporting in Construction	4
CMGT 6800	Construction Safety	4
Certificate: 16		Total Units for

5. List of **new courses** that were developed and existing **courses** that needed **modification** as a result of this new Option or Minor, if any, submitted along with this proposal
 None, courses already exist.
6. **RESOURCE IMPLICATIONS** of the proposed new Option or Minor, if any:
 None
7. Relationship of proposed program to requirements for **teaching credentials, accreditation, and/or licensing**. N/A

8. **CONSULTATION** with other affected departments and program committee:

- a) The following **department(s)** has (have) been consulted and raise **no objections**:
All Academic Departments and Programs at CSUEB were consulted, using the Curriculum Sharepoint site, and there were no objections.
- b) The following **department(s)** has (have) been consulted and **raise concerns**: None
Department:
Concern:

9. Certification of **DEPARTMENT APPROVAL** by the chair and faculty.

Chair: Original signed by Saeid Motavalli

Date: 10/6/10

10. Certification of **COLLEGE APPROVAL** by the dean and college curriculum committee.

Dean/Associate Dean: Original signed by Alan Monat

Date: 10/21/10

CALIFORNIA STATE UNIVERSITY, EAST BAY

First Quarter/Year of Offering
 Quarter: **FALL**
 Year: 2012
 Date Submitted to APGS: 11/4/10
 Catalog: 2012-2013

**REQUEST FOR APPROVAL OF NEW GRADUATE CERTIFICATE
 IN CONSTRUCTION PROJECT ADMINISTRATION**

3. Department: Engineering
4. Full and exact **title** of Certificate: **Construction Project Administration**
3. **Purpose** of the proposed aggregate of courses: To increase the enrollment in the engineering program and to create visibility for the Engineering Department in local industry. In these times of tight budgets it is essential that we develop innovative programs to increase the Engineering enrollment. The increase in enrollment and funding as a result of this certificate program will come from two sources:
 - (c) Existing graduate students in Construction Management, Engineering and graduate students from other Departments could enroll in this certificate program to add to their credentials and increase their employment opportunities.
 - (d) We will target working engineers and other employees in construction to enroll in this program.
4. List of all **requirements** including the **courses**, by catalog prefix number, title, and units of credit, as well as **total units** to be required under the proposed Certificate.

Prerequisite for Certificate: Bachelor's Degree		
COURSE CATALOG NUMBER	TITLE	UNIT S
CMGT 6200	Legal Issues in Construction Management	4
CMGT 6300	Environmental Issues and Green Building	4
CMGT 6700	Construction Risk Management and Commissioning	4
CMGT 6850	Current Issues in Construction Management	4
Certificate: 16		Total Units for

5. List of **new courses** that were developed and existing **courses** that needed **modification** as a result of this new Option or Minor, if any, submitted along with this proposal
 None, courses already exist.
6. **RESOURCE IMPLICATIONS** of the proposed new Option or Minor, if any:
 None
7. Relationship of proposed program to requirements for **teaching credentials, accreditation, and/or licensing**. N/A
8. **CONSULTATION** with other affected departments and program committee:

a) The following **department(s)** has (have) been consulted and raise **no objections**:
All Academic Departments and Programs at CSUEB were consulted, using the Curriculum Sharepoint site, and there were no objections.

b) The following **department(s)** has (have) been consulted and **raise concerns**: None
Department:
Concern:

9. Certification of **DEPARTMENT APPROVAL** by the chair and faculty.

Chair: Original signed by Saeid Motavalli

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