

School of Engineering, CSCI



ASSESSMENT PLAN: M.S. in Construction Management

Updated Date: Winter 2015

PROGRAM MISSION

CSUEB Construction Management Program Mission Statement

The mission of the Bachelor of Science degree in Construction Management is to prepare effective managers to lead public and private construction projects, prepare a technically capable management workforce required for the expected increase in the state's transportation infrastructure improvement projects, and enable high school graduates, transfer students and working professionals to assume leadership roles in construction industry.

PROGRAM STUDENT LEARNING OUTCOMES (SLOs)

Students graduating with a M.S. in Construction Management will be able to:

<i>SLO a</i> <i>ILO 1,2,6</i>	understand and implement risk management, scheduling and estimating, building information modeling, high performance building assessment systems, and project delivery methods.
<i>SLO b</i> <i>ILO 2,3,4</i>	use effective communication skills to solve practical construction problems, explain and defend the application of advanced construction practices associated with planning, staffing, scheduling and controlling construction projects.
<i>SLO c</i> <i>ILO 4,5</i>	plan and deliver a project meeting the desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, constructability, and sustainability.

Year 1: 2014-2015

1. Which SLO(s) to assess	SLO a - Understand and implement risk management, scheduling and estimating, building information modeling, high performance building assessment systems, and project delivery methods.
2. Assessment indicators	a-Midterm exam question; e- Final exam performance
3. Sample (courses/# of students)	a-CMGT 6700
4. Time (which quarter(s))	a-Spring 2015
5. Responsible person(s)	a-Prof. Gaedicke
6. Ways of reporting (how, to who)	The results will be reported by faculty to the department chair via completion of the course Faculty Self-Assessment form.
7. Ways of closing the loop	Interaction between chair, faculty and industry advisory board

Year 2: 2015-2016

1. Which SLO(s) to assess	SLO b - use effective communication skills to solve practical construction problems, explain and defend the application of advanced construction practices associated with planning, staffing, scheduling and controlling construction projects.
2. Assessment indicators	c-Oral presentation rubric
3. Sample (courses/# of students)	c-CMGT 6850
4. Time (which quarter(s))	c- Summer 2016
5. Responsible person(s)	c-Prof.Shahbodaghlou
6. Ways of reporting (how, to who)	The results will be reported by faculty to the department chair via completion of the course Faculty Self-Assessment form.
7. Ways of closing the loop	Interaction between chair, faculty and industry advisory board

Year 3: 2016-2017

1. Which SLO(s) to assess	SLO c - plan and deliver a project meeting the desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, constructability, and sustainability.
2. Assessment indicators	b-Midterm exam question;
3. Sample (courses/# of students)	b-CMGT 6800;
4. Time (which quarter(s))	b-Fall 2016;
5. Responsible person(s)	b-Prof. Gaedicke
6. Ways of reporting (how, to who)	The results will be reported by faculty to the department chair via completion of the course Faculty Self-Assessment form.
7. Ways of closing the loop	Interaction between chair, faculty and industry advisory board

Year 4: 2017-2018

1. Which SLO(s) to assess	SLO a - Understand and implement risk management, scheduling and estimating, building information modeling, high performance building assessment systems, and project delivery methods.
2. Assessment indicators	a-Midterm exam question; e- Final exam performance
3. Sample (courses/# of students)	a-CMGT 6500
4. Time (which quarter(s))	a-Winter 2018
5. Responsible person(s)	a-Prof. Shahbodaghlu
6. Ways of reporting (how, to who)	The results will be reported by faculty to the department chair via completion of the course Faculty Self-Assessment form.
7. Ways of closing the loop	Interaction between chair, faculty and industry advisory board

Year 5: 2019-2020

1. Which SLO(s) to assess	c-Oral presentation rubric
2. Assessment indicators	c-CMGT 6850
3. Sample (courses/# of students)	c- Summer 2016
4. Time (which quarter(s))	c-Prof.Shahbodaghlu
5. Responsible person(s)	The results will be reported by faculty to the department chair via completion of the course Faculty Self-Assessment form.
6. Ways of reporting (how, to who)	Interaction between chair, faculty and industry advisory board
7. Ways of closing the loop	c-Oral presentation rubric