

**OFF-CAMPUS PROGRAM ASSESSMENT
ASSESSMENT ACTIVITIES
Spring 2008**

Degree Program:	MBA/MSSE	Location:	Rose Orchard Tech Center
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SCHEDULE OF ASSESSMENT ACTIVITIES

Please complete the schedule of assessment activities below by listing all Program Outcomes (POs) by number down the left column and indicating when data were/will be collected (C) and when they were/will be discussed (D) by your faculty. You can also schedule/track program changes resulting from your assessment activities by indicating an "I" (implemented changes) where relevant. This schedule is meant to be fluid; providing a proposed schedule for future assessment while at the same time, providing a record of your efforts as the program planning cycle progresses.

	F07	S08	F08	S09	F09	S10	F10	S11	F11	S12	F12
PO 1	CD	CD	CD	CD	CDI	CDI	CDI	CDI	CDI	CDI	CDI
PO 2	CD	CD	CD	CD	CDI	CDI	CDI	CDI	CDI	CDI	CDI
PO 3		CD	CD		CDI	CDI	CDI			CDI	CDI
PO 4		CD				CDI					
PO 5		CD				CDI					
PO 6		CD	CD	CD	CDI	CDI	CDI	CDI	CDI	CDI	CDI
Cohort 10			295A 295B 297								
Cohort 12	272	202 203	273	275	295A 297		295B				
Cohort 16					272	202 203	273	275	297	295A	295B

Student Learning Outcome 1

Be able to demonstrate an understanding of advanced knowledge of the practice of software engineering, from vision to analysis, design, validation and deployment.

RECORD OF ASSESSMENT

I. Data Collection:

[Fall 2007] CMPE 272

- Performance data - exams, case studies
- Indirect measurement - course survey, group discussion, and individual meetings
- Results - Instructor in one section (32 students), gave midterm and exams. Exam results indicated that 63% earned an A, 16% A-, 19% B+ and 3% B

[Spring 2008] CMPE 202

- Performance data – exams and tests, homework assignments, and projects
- Indirect measurement - course survey, group discussion, and individual meetings
- Results - Instructor in one section (27 students), gave midterm and exams. Exam results indicated that 52% earned an A, 19% A-, 19% B and 11% C

[Spring 2008] CMPE 203

- Performance data – exams, team presentations, in class exercises and individual research papers.
- Indirect measurement - course survey, group discussion, and individual meetings
- Results - Instructor in one section (24 students), gave midterm and exams. Exam results indicated that 46% earned an A, 13% A-, 8% B+ and 33% B

II. What have you learn about this Student Learning Outcome?

[Fall 2007] CMPE 272, [Spring 2008] CMPE 202, [Spring 2008] CMPE 203

These three courses have contributed to this Student Learning Objectives. Each course has a course assessment report to state its assessment its assessment results. Each course has established several Course Learning Objectives. Course Learning Objectives of three courses have contributed to this Student Learning Objective.

According to the assessment results of the Course Learning Objectives, this Student Learning Objective is considered "Achieved".

Although this Student Learning Outcome is considered "Achieved", there are still some rooms for improvement.

III. Action Item(s) (if necessary):

[Spring 2008] CMPE 203

- Add material that reflects new project management methodologies to augment the class textbook.
- Provide exercises that are specific to the use of metrics in project management.
- Engage student presentations with exposure to new methodologies such as Scrum and Lean Development.
- Increase focus on metrics.

Student Learning Outcome 2

Be able to tackle complex engineering problems and tasks, using contemporary engineering principles, methodologies and tools.

RECORD OF ASSESSMENT

I. Data Collection:

[Fall 2007] CMPE 272

- Performance data - exams, case studies
- Indirect measurement - course survey, group discussion, and individual meetings
- Results - Instructor in one section (32 students), gave midterm and exams. Exam results indicated that 63% earned an A, 16% A-, 19% B+ and 3% B

[Spring 2008] CMPE 202

- Performance data – exams and tests, homework assignments, and projects
- Indirect measurement - course survey, group discussion, and individual meetings
- Results - Instructor in one section (27 students), gave midterm and exams. Exam results indicated that 52% earned an A, 19% A-, 19% B and 11% C

[Spring 2008] CMPE 203

- Performance data – exams, team presentations, in class exercises and individual research papers.
- Indirect measurement - course survey, group discussion, and individual meetings
- Results - Instructor in one section (24 students), gave midterm and exams. Exam results indicated that 46% earned an A, 13% A-, 8% B+ and 33% B

II. What have you learn about this Student Learning Outcome?

[Fall 2007] CMPE 272, [Spring 2008] CMPE 202, [Spring 2008] CMPE 203

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According to the assessment results of the Course Learning Objectives, this Student Learning Objective is considered "Achieved".

Although this Student Learning Outcome is considered "Achieved", there are still some rooms for improvement.

III. Action Item(s) (if necessary):

[Spring 2008] CMPE 202

- Reinforce each student's understanding of object-oriented paradigm through design patterns and refactorings.
- Ensure all students have sufficient background in object-oriented programming, data structures, and algorithm design before taking CMPE 202.

Student Learning Outcome 3

Be able to demonstrate leadership and the ability to participate in teamwork in an environment with different disciplines of engineering, science and business.

RECORD OF ASSESSMENT

I. Data Collection:

[Spring 2008] CMPE 203

- Performance data – exams, team presentations, in class exercises and individual research papers.
- Indirect measurement - course survey, group discussion, and individual meetings
- Results - Instructor in one section (24 students), gave midterm and exams. Exam results indicated that 46% earned an A, 13% A-, 8% B+ and 33% B

II. What have you learn about this Student Learning Outcome?

[Spring 2008] CMPE 203

This course has a course assessment report to state its assessment its assessment results. It has established several Course Learning Objectives. Course Learning Objectives of three courses have contributed to this Student Learning Objective.

According to the assessment results of the Course Learning Objectives, this Student Learning Objective is considered "Achieved".

III. Action Item(s) (if necessary):

[Spring 2008] CMPE 203

NA

Student Learning Outcome 4

Be aware of ethical, economic and environmental implications of their work, as appropriate.

RECORD OF ASSESSMENT

I. Data Collection:

[Spring 2008] CMPE 203

- Performance data – exams, team presentations, in class exercises and individual research papers.
- Indirect measurement - course survey, group discussion, and individual meetings
- Results - Instructor in one section (24 students), gave midterm and exams. Exam results indicated that 46% earned an A, 13% A-, 8% B+ and 33% B

II. What have you learn about this Student Learning Outcome?

[Spring 2008] CMPE 203

This course has a course assessment report to state its assessment its assessment results. It has established several Course Learning Objectives. Course Learning Objectives of three courses have contributed to this Student Learning Objective.

According to the assessment results of the Course Learning Objectives, this Student Learning Objective is considered "Achieved".

III. Action Item(s) (if necessary):

[Spring 2008] CMPE 203

NA

Student Learning Outcome 5

Be able to advance successfully in the engineering profession, and sustain a process of life-long learning in engineer or other professional areas.

RECORD OF ASSESSMENT

I. Data Collection:

[Fall 2007] CMPE 272

- Performance data - exams, case studies
- Indirect measurement - course survey, group discussion, and individual meetings
- Results - Instructor in one section (32 students), gave midterm and exams. Exam results indicated that 63% earned an A, 16% A-, 19% B+ and 3% B

[Spring 2008] CMPE 202

- Performance data – exams and tests, homework assignments, and projects
- Indirect measurement - course survey, group discussion, and individual meetings
- Results - Instructor in one section (27 students), gave midterm and exams. Exam results indicated that 52% earned an A, 19% A-, 19% B and 11% C

[Spring 2008] CMPE 203

- Performance data – exams, team presentations, in class exercises and individual research papers.
- Indirect measurement - course survey, group discussion, and individual meetings
- Results - Instructor in one section (24 students), gave midterm and exams. Exam results indicated that 46% earned an A, 13% A-, 8% B+ and 33% B

II. What have you learn about this Student Learning Outcome?

[Fall 2007] CMPE 272, [Spring 2008] CMPE 202, [Spring 2008] CMPE 203

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According to the assessment results of the Course Learning Objectives, this Student Learning Objective is considered "Achieved".

III. Action Item(s) (if necessary):

[Fall 2007] CMPE 272, [Spring 2008] CMPE 202, [Spring 2008] CMPE 203

NA

Student Learning Outcome 6

Be able to communicate effectively, in both oral and written forms.

RECORD OF ASSESSMENT

I. Data Collection:

[Fall 2007] CMPE 272

- Performance data - exams, case studies
- Indirect measurement - course survey, group discussion, and individual meetings
- Results - Instructor in one section (32 students), gave midterm and exams. Exam results indicated that 63% earned an A, 16% A-, 19% B+ and 3% B

[Spring 2008] CMPE 202

- Performance data – exams and tests, homework assignments, and projects
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- Performance data – exams, team presentations, in class exercises and individual research papers.
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According to the assessment results of the Course Learning Objectives, this Student Learning Objective is considered "Achieved".

III. Action Item(s) (if necessary):

[Fall 2007] CMPE 272, [Spring 2008] CMPE 202, [Spring 2008] CMPE 203

NA