

COURSE MODIFICATION PROPOSAL

College: [**Engineering and Computer Science**] **Department:** [**Manufacturing Systems Engineering & Management**]

1. Current Catalog Entry Information:

Subject Abbreviation and Number: [**MSE 410/L**]
Course Title: [**Production Systems Modeling and Lab**]
Units: [**3**] units
General Education Section [] (if applicable)

2. Date of Proposed Implementation: (Semester/Year): [**Fall**] / [**2016**] *Comments*

3. Course Level:

Undergraduate Only Graduate Only Graduate/Undergraduate

4. Nature of Request:

Delete Course (*Note: Record of course will remain in inactive course file*)

Change unit value from [] units to [] units

Change course type (classification) such as lecture-discussion, laboratory, activity, etc.:

From: [] units @ [] [] to [] units @ [] []

From: [] units @ [] [] to [] units @ [] []

Change course title to: []

Change course abbreviation “Short title” (Maximum of 17 characters and spaces) to

NEW Short Title: [.]

Change current catalog course description (*Attach current and proposed catalog course description*)

Notes: If grading is NC/CR only, please state in course description. If a course numbered less than 500 is available for graduate credit, please state “Available for graduate credit in the catalog description.”

Change subject abbreviation number to: (*Example: HSCI 100 to PT 105*) []

Change requisites (*Prerequisites, Corequisites, Preparatory, Recommended Corequisites*)

From: [**Prerequisite: Instructor consent.**]

To: [**Prerequisite: MSE 248/L or equivalent.**]

Change Current Basis of Grading

From: Credit/No Credit Only Letter Grade Only CR/NC or Letter Grade

To: Credit/No Credit Only Letter Grade Only CR/NC or Letter Grade

Add course to GE Section []

Remove course from GE Section []

- Change course from GE section [] to GE section []
- Change course to a Community Service Learning course (CS)
- Allow multiple enrollments within a semester.
- Change number of times this course may be taken:
 May be taken for credit for a total of [1] times, or for a maximum of [1] units
- Multiple enrollments are allowed within a semester
- Crosslist this course with []
- Other: []

5. Justification and Clarification of Request *(Attach)*

6. Estimated Impact on Resources within the Department, for other Departments and the University.*(Attach)*

(See Resource List)

7. Impact on other Departments’ programs *(Attach)*

8. Indicate which of the Program’s Measurable Student Learning Outcomes are addressed in this course. *(Attach)*

(see Course Alignment Matrix and the Course Objectives Chart)

9. If this is a General Education course, indicate how the General Education Measurable Student Learning Outcomes (from the appropriate section) are addressed in this course. *(Attach)*

10. Methods of Assessment for Measurable Student Learning Outcomes *(Attach)*

- A. Assessment tools
- B. Describe the procedure dept/program will use to ensure the faculty teaching the course will be involved in the assessment process (refer to the university’s policy on assessment.)

11. Record of Consultation: *(Normally all consultation should be with a department chair or program coordinator.) If more space is needed attach statement and supporting memoranda.*

Date:	Dept/College:	Department Chair/Program Coordinator	Concur (Y/N)
[2/6/2015]	[CECM/CECS]	[N. Dermendjian]	[Y]
[2/6/2015]	[CS/CECS]	[R. Covington]	[Y]
[2/6/2015]	[ECE/CECS]	[A. Amini]	[Y]
[2/6/2015]	[ME/CECS]	[H. Johari]	[Y]
[2/6/2015]	[MSEM/CECS]	[K. Chang]	[Y]
[]	[]	[]	[N]

Consultation with the Oviatt Library is **recommended** for course modifications to ensure the availability of appropriate resources to support proposed course curriculum.

Collection Development Coordinator, Mary Woodley

Date

Please send an email to: collection.development@csun.edu

[]

12. Approvals:

Department Chair/Program Coordinator:	Date: [2/6/2015]
College (Dean or Associate Dean):	Date: [3/25/2015]
Educational Policies Committee:	Date: []
Graduate Studies Committee:	Date: []
Provost:	Date: []

5. Justification and Clarification of the Request

MSE 248/L (Engineering CAD and Graphics and Lab) mainly includes the development of concepts and skills in engineering graphics and computer-aided design. Consequently it is a core course to prepare MSEM students for upper level courses. MSE 410/L introduces the design and analysis of production systems. MSE 248 provides the basic knowledge and required tools for modeling and simulating the alternative production systems in conjunction with the system-design process. Therefore it is essential to add MSE 248/L or equivalent as a prerequisite for MSE 410/L.

Existing Course Description

MSE 410/L. Production Systems Modeling and Lab (2/1)

Prerequisite: Instructor consent. Design and analysis of production systems. Fixed, flexible, and programmable automation. Modeling and simulation of alternative production systems in conjunction with the systems-design process. 2 hours lecture-discussion, 3 hours lab per week. Available for graduate credit.

Proposed Course Description

MSE 410/L. Production Systems Modeling and Lab (2/1)

Prerequisite: MSE 248/L or equivalent. Design and analysis of production systems. Fixed, flexible, and programmable automation. Modeling and simulation of alternative production systems in conjunction with the systems-design process. 2 hours lecture-discussion, 3 hours lab per week. Available for graduate credit.

6. Estimated Impact on Resources within the Department, for other Departments and the University.

Only the prerequisite will be changed, which may affect the timing of when MSE 248/L is taken. Therefore there will be no impact on resources with the department, for other departments and the university.

7. Impact on other Departments' programs

The addition of the MSE 248/L prerequisite will only affect the undergraduate students within the MSEM department. Therefore there will be no impact on other departments' programs.