



SACRAMENTO
STATE

Course Change Proposal Form A



Academic Group (College): Engineering & Computer Science	Academic Organization (Department): Mechanical Engineering	Date: March 12, 2009
Type of Course Proposal: New ___ Change <u>X</u> Deletion ___	Department Chair: Susan L. Holl	Submitted by: Susan L. Holl
Does this course fulfill a requirement for single-subject or multiple subject credential students? Yes ___ No <u>X</u>	For Catalog Copy: Yes <u>X</u> No ___ CCE (Extension): Yes ___ No ___	Semester Effective: Fall <u>X</u> Spring ___, 2009 ___

This course replaces experimental course Subject Area (prefix) and Catalog Nbr (course number):	
If changing an existing course, should new version be considered a repeat of the original version? If so, the same Course ID will be maintained. If not, a new Course ID will be assigned. Note: In PeopleSoft terminology, the Course ID is the unique system identifier, not the Catalog Nbr.	Yes <u>X</u> No ___

Change from:

Subject Area (prefix) & Catalog Nbr (course no.): ME 191	Title: Project Engineering II	Units: 3
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Change to:

Subject Area (prefix) & Catalog Nbr (course no.): ME 191	Title: Project Engineering II	Units: 2
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JUSTIFICATION:

Students need more flexibility in their schedules which will result by eliminating one formal lab period.

NEW COURSE DESCRIPTION: (Not to exceed 80 words, and language should conform to catalog copy. See <http://www.csus.edu/umannual/acad.htm> - Guidelines for Catalog Course Description)

Continuation of the project begun in ME 190. Part II consists of fabrication and assembly of equipment, testing and evaluation, and reporting. Lecture one hour; laboratory three hours. 2 units.	
Note:	
Prerequisite: ME 190	
Enforced at Registration: Yes <u>X</u> No ___	
Corequisite:	
Enforced at Registration: Yes ___ No ___	
Graded: Letter <u>X</u> Credit/No Credit ___	Instructor Approval Required? Yes ___ No <u>X</u>
Course Classification (e.g., lecture, lab, seminar, discussion): Lecture and lab	Title for CMS (not more than 30 characters) Project Engineering II
Cross Listed? Yes ___ No <u>X</u>	If yes, do they meet together and fulfill the same requirement, and what is the other course.
How Many Times Can This Course be Taken for Credit? ___1___	
Can the course be taken for Credit more than once during the same term? Yes ___ No <u>X</u>	

FOR NEW COURSE PROPOSALS OR SUBSTANTIVE CHANGES ONLY:

Description of the Expected Learning Outcomes: Describe outcomes using the following format: "Students will be able to: 1), 2), etc." See the example at <http://www.csus.edu/acad/example.htm>

By the end of the semester, the students will be able to:

1. Schedule the manufacture of a prototype machine.
2. Fabricate machine parts using machine tools and or other processes such as molding fiberglass.
3. Assemble parts into a complete machine.
4. Test devices to determine how well they meet the design objectives, criteria and constraints.
5. Make first approximation cost analysis.
6. Work with others individuals in a cooperative manner.
7. Negotiate effectively with suppliers of materials and services.
8. Do initial planning for manufacture of a device.
9. Make engineering presentations.

**Attach a list of the required/recommended course readings and activities [Note: it is understood that these are updated and modified as needed by the instructor(s).] This attachment should be forwarded only to your Dean's office, not Academic Affairs.

Assessment Strategies: A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above:

Oral and written project reports.

For whom is this course being developed?

Majors in the Dept Majors of other Depts ___ Minors in the Dept ___ General Education ___ Other ___

Is this course required in a degree program (major, minor, graduate degree, certificate)? Yes No ___

If yes, identify program(s): B.S. in Mechanical Engineering

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer facilities, faculty, etc.)? Yes ___ No

If yes, attach a description of resources needed and verify that resources are available.

Indicate which department or programs will be affected by the proposed course (if any). _____

The Department Chair's signature below indicates that affected programs have been sent a copy of this proposal form.

Approvals: If proposed change, new course or deletion is approved, sign and date below. If not approved, forward without signing to the next reviewing authority, and attach an explanatory memorandum to the original copy.

Signatures:

	Date
Department Chair: <i>Susan D. Hall</i>	4/24/09
College Dean or Associate Dean: <i>John Blalock</i>	4/24/09
CPSP (for school personnel courses ONLY)	
Associate Vice President and Dean for Academic Programs	

Distribution: Academic Affairs (original), Department Chair and College Dean. Dean's office to send original after approval to Academic Affairs, at mail zip 6016. An electronic copy must also be sent.