



SACRAMENTO STATE

Course Change Proposal Form A



Academic Group (College): Engineering & Computer Science	Academic Organization (Department): Mechanical Engineering	Date: 3/18/09
Type of Course Proposal: New <input checked="" type="checkbox"/> Change <input type="checkbox"/> Deletion <input type="checkbox"/>	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 <input type="checkbox"/> No <input checked="" type="checkbox"/>	For Catalog Copy: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> CCE (Extension): Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Semester Effective: Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> , 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 <input type="checkbox"/> No <input type="checkbox"/>

Change from:

Subject Area (prefix) & Catalog Nbr (course no.):	Title:	Units:
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Change to:

Subject Area (prefix) & Catalog Nbr (course no.): ME 180 W	Title: Mechanical Properties of Materials Workshop	Units: 1
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JUSTIFICATION:

Students have requested additional office hours and problem sessions because the material in this course is complex and limited lecture and lab time does not allow for completely presenting a variety of problem solutions. A formal workshop structure focused on problem solving techniques for these complicated problems will facilitate students' acquisition of the appropriate problem solving techniques.

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)

Problem solving and discussion of mechanical properties of materials to enhance students' understanding of subject matter. Activity two hours.

Note:	
Prerequisite: Enforced at Registration: Yes <input type="checkbox"/> No <input type="checkbox"/>	
Corequisite: ME 180 Enforced at Registration: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Graded: Letter <input type="checkbox"/> Credit/No Credit <input checked="" type="checkbox"/>	Instructor Approval Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Course Classification (e.g., lecture, lab, seminar, discussion): Activity C13	Title for CMS (not more than 30 characters): Mech Prop Materials Workshop
Cross Listed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	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? <u> 2 </u>	
Can the course be taken for Credit more than once during the same term? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

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/afac/example.htm>

In ME 180, students learn fundamentals of mechanical properties of materials and materials processes. The ME 180 workshop will focus on applying those fundamentals to solve real-world problems. The ME 180 workshop will reinforce and improve student learning so that students will be able to:

- 1.) Explain the principles learned in ME 180 lecture and lab.**
- 2.) Formulate, define, solve and analyze materials problems.**
- 3.) Build self-confidence by repeatedly solving complicated materials problems with a systematic, step-by-step approach.**
- 4.) Locate sources of information on specific materials and direct their own learning to solve any materials problem of their interest.**

****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:

Student attendance and participation in the workshops will be used to assess student success.

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):

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.

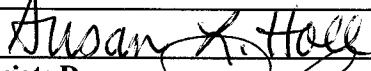
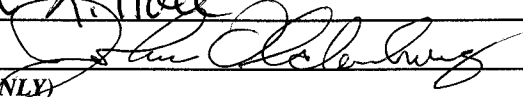
Indicate which department or programs will be affected by the proposed course (if any). _____

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: 	4/24/09
College Dean or Associate Dean: 	4/29/09
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.