



Academic Affairs - Course Proposal Form



CALIFORNIA STATE UNIVERSITY, SACRAMENTO

Academic Unit: Mechanical Engineering		Department Chair: Robin Bandy	
Type of Course Proposal: New <input checked="" type="checkbox"/> Change <input type="checkbox"/> Deletion <input type="checkbox"/>		Date: March 20, 2007	
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: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
		Semester Effective: Fall 2007 <input type="checkbox"/> Spring <input checked="" type="checkbox"/>	
Prefix & No. ENGR 6W	Title: Engineering Graphics and CADD Workshop	Units: 1	
Change to:			
Prefix & No.	Title:	Units:	

JUSTIFICATION:

The ENGR 6 course involves extensive in-depth graphical analysis and solutions of three-dimensional space problems. A formal workshop will facilitate students' acquisition of appropriate problem solving techniques.

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

Problem solving and discussion of topics in Engineering Graphics and CADD (Computer Aided Drafting and Design) to enhance students' understanding of subject matter. Not for degree credit. Technical activity and laboratory, two hours

Note: Units earned can not be used to satisfy major requirements.

Prerequisite:

Corequisite: ENGR 6

CAN (California Articulation Number):

Graded: Letter Credit/No Credit **Instructor Approval?** Yes No

Course Classification: C 13 **Title for SIS+ (not more than 25 characters)**
Graphics & CADD workshop

Cross Listed? Yes No **If yes, with what course:**

How Many Times Can This Course be Taken for Credit? No limit

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/acaf/example.htm>

The ENGR 6W workshop will reinforce and improve student learning so that students will be able to:

- 1) Understand, retain and explain the principles learned in ENGR 6 class.
- 2) Formulate, define, solve and analyze engineering graphics problems
- 3) Formulate, define, solve and analyze computer aided design problems

**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 workshop 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: <i>Robin Bandy</i>	<i>[Signature]</i>	4/16/07
College Dean or Associate Dean:	<i>[Signature]</i>	4/12/07
CPSP (for school personnel courses ONLY)		
Director of Curriculum, Assessment & Accreditation (for the Vice President for Academic Affairs)		

CONDITIONAL
APPROVAL *4/8/07*

Distribution: Academic Affairs (original and two copies) Department Chair and College Dean. A copy of this form should be e-mailed, along with the hard copies, as an attachment to wylie@csus.edu by the Dean's office after it is approved at that level.