California State University, Long Beach
General Education Action Request
Instructions: Complete and submit all pages

`RESET FORM`

I. Course Identification

Dept. Prefix and Course Number: CECS 491 Official Course Title: Software Engineering Project I

Course Cross Listed: ☐ Yes ☑ No College: _____ Dept. Prefix & Course Number: _____

II. Course Coordinator

Faculty member(s) responsible for this course and this report: Birgit Penzenstadler

Phone: 51594 Email: birgit.penzenstadler@csulb.edu

III. Course History

Frequency of offering during past three years:

☑ Every semester ☐ Once a year Other (describe) _____

Number of sections per offering 3 Number of instructors teaching the course 3

IV. Catalog Description (including prerequisites) If existing course, provide photocopy from catalog. If changes have occurred since catalog publication, attach signed Course Change Form.

First course in a twocourse capstone design sequence that fulfills integrative learning. Design of a commercial grade software application including requirements analysis, functional, architectural and detailed design, emphasizing written communication, teamwork and the Object-Oriented Methodology. Prerequisite: Completion of entire Foundation, and Upper Division standing.

V. Requested GE Categories

Check "Add" if new to category; "Delete" if removing from category; "Continue" if PREVIOUSLY APPROVED BY GEGC, and there are no substantial changes.

Add	Delete	Continue	First Year Experience GE:
☐	☐	☐	Written Communication (A.1)
☐	☐	☐	Oral Communication (A.2)
☐	☐	☐	Critical Thinking (A.3)
☑	☐	☐	Mathematics/Quant. Reasoning (B.2)
			Explorations:
☐	☐	☐	Life Sciences (B.1.a)
☐	☐	☐	Life Sciences No Lab (B.1.a.NL)
☐	☐	☐	Physical Sciences (B.1.b)
☐	☐	☐	Physical Sciences No Lab (B.1.b.NL)
☐	☐	☐	The Arts (C.1)
☐	☐	☐	Humanities: Literature (C.2.a)
☐	☐	☐	Humanities: Philosophy (C.2.b)
☐	☐	☐	Humanities: Foreign Lang. (C.2.c)
☐	☐	☐	U.S. History (D.1.a)
☐	☐	☐	Const. & American Ideals (D.1.b)
☐	☐	☐	Social Sciences & Citizenship (D.2)
☐	☐	☐	Lifelong Learning & Self-Dev. (E)

Upper Division Requirements:

Add	Delete	Cont.	
☑	☐	☐	Category B
☐	☐	☐	Category C
☐	☐	☐	Category D

Capstones (F):

Add	Delete	Cont.	
☐	☐	☐	Interdisciplinary
☐	☐	☐	Advanced Skills
☐	☐	☐	Service Learning
☐	☐	☐	Writing Intensive
☐	☐	☑	Integrative Learning*

*For majors only

Additional Requirements:

Add	Delete	Cont.	
☐	☐	☐	Human Diversity: Consider for HD Status
☐	☐	☐	Global Issues: Consider for Global Status

➤ Course may be Human Diversity or Global Issues, not both

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VI. Essential GE Skills

Regardless of GE Category, each course must address GE Essential Skills. These are the GE Skills used for assessment in departmental progress reports. For more clarification on each skill, please see the description of the Essential GE Skills and their associated learning outcomes.

Level of emphasis in this course:

Using the list below, check the box indicating the extent to which each skill is addressed in this course. For the primary level of emphasis, your proposal must include a **minimum of two (2) skills, but no more than three (3) identified. These primary skills should be reflected in your Student Learning Outcomes (SLO).** Depending on the GE approval requested, some GE Essential Skills will be pre-determined for the primary level of emphasis, please consult the Essential GE Skills table for assistance. Please list any essential skills that are a secondary level of emphasis (these skills are addressed in the course, but are not the primary emphasis). Secondary skills do not have to be reflected in your SLOs. **Please leave blank any skills that are not a primary or secondary emphasis.** Please keep in mind that the ratings below determine the assessment in your departmental annual report on assessment and program self-study.

Primary	Secondary	
☑	☐	Written Communication
☐	☐	Oral Communication
☑	☐	Critical Thinking
☑	☐	Quantitative Reasoning
☐	☐	Information Literacy
☐	☑	Teamwork
☐	☐	Inquiry and Analysis
☐	☐	Intercultural Knowledge
☐	☐	Ethical Reasoning
☐	☐	Creativity and Discovery
☐	☐	Foundation & Skills for Lifelong Learning
☐	☐	Interdisciplinary Learning
☐	☐	Social Responsibility and Civic Engagement
☐	☐	Problem Solving
☐	☐	Global Learning

VII. All General Education Action Request (GEAR) forms must include the Standard Course Outline.

VIII. Department and College Review of GE Courses

The GEGC recommends that Department and College Curriculum Committees review proposed GE courses in the context of the Department's and College's GE Course Inventory. New GE courses should fill a demonstrated curricular need, be viable and sustainable, as well as meet the GE Essential Skills and Student Learning Outcomes. Courses not meeting these expectations should be reconsidered.

IX. Required Signatures

By signing below, the department chair, college curriculum committee chair, and the college dean/associate dean verify that they have reviewed this action request and its supplemental materials for completeness, and attest to the appropriateness of the requested action.

Chair, Department of CECS	Date: 10/03/2018
PRINT NAME: Shui Lam	SIGN NAME:

Chair, Curriculum Committee: College of Engineering	Date: 10/03/2018
PRINT NAME: Daniel Whisler	SIGN NAME:

(Assoc.) Dean, College of Engineering	Date: 10/03/2018
PRINT NAME: Tracy Maples	SIGN NAME:

Submit Electronically [ ]

Revised 12/12/2017