

# ENGR 17P: PEER-ASSISTED LEARNING ENGR 17

---

## In Workflow

1. ECS College Committee Chair (abadi@csus.edu)
2. ECS Dean (101010646@csus.edu)
3. Academic Services (catalog@csus.edu)
4. Senate Curriculum Subcommittee Chair (curriculum@csus.edu)
5. Dean of Undergraduate (james.german@csus.edu; renee.leonard@csus.edu)
6. Dean of Graduate (cnewsome@skymail.csus.edu)
7. Catalog Editor (catalog@csus.edu)
8. Registrar's Office (wlindsey@csus.edu)
9. PeopleSoft (PeopleSoft@csus.edu)

## Approval Path

1. Wed, 05 Oct 2022 15:12:12 GMT  
Masoud Ghodrat Abadi (abadi): Approved for ECS College Committee Chair
2. Wed, 05 Oct 2022 16:07:33 GMT  
101010646: Approved for ECS Dean

## New Course Proposal

Date Submitted: Thu, 15 Sep 2022 22:30:22 GMT

**Viewing: ENGR 17P : Peer-Assisted Learning ENGR 17**

**Last edit: Wed, 05 Oct 2022 15:11:34 GMT**

Changes proposed by: Julie Fogarty (218645519)

**Contact(s):**

| Name (First Last) | Email            | Phone 999-999-9999 |
|-------------------|------------------|--------------------|
| Julie Fogarty     | fogarty@csus.edu | 916-278-7335       |

**Catalog Title:**

Peer-Assisted Learning ENGR 17

**Class Schedule Title:**

Peer-Assisted Learning ENGR 17

**Academic Group: (College)**

ECS - Engineering & Computer Science

**Academic Organization: (Department)**

Engineering

**Will this course be offered through the College of Continuing Education (CCE)?**

No

**Catalog Year Effective:**

Fall 2023 (2023/2024 Catalog)

**Subject Area: (prefix)**

ENGR - Engineering

**Catalog Number: (course number)**

17P

**Course ID: (For administrative use only.)**

203546

**Units:**

1

**Is the only purpose of this change to update the term typically offered or the enforcement of existing requisites at registration?**

No

**In what term(s) will this course typically be offered?**

Fall, Spring

**Does this course require a room for its final exam?**

No, final exam does not require a room

**This course complies with the credit hour policy:**

Yes

**Justification for course proposal:**

The addition of this course expands the ECS Peer-Assisted Learning program to other courses within the college that have high DFW rates. Facilitators for this course (undergraduate students who have already completed ENGR 17 successfully) are currently supported by a National Science Foundation grant.

**Course Description: (Not to exceed 80 words and language should conform to catalog copy.)**

Students concurrently enrolled in ENGR 17P work through faculty-designed problems sets under the guidance of a trained student facilitator to improve their understanding of ENGR 17P content. Pedagogical strategies that encourage active, engaged learning are employed to facilitate student success. Discussion, 2 hours.

**Are one or more field trips required with this course?**

No

**Fee Course?**

No

**Is this course designated as Service Learning?**

No

**Is this course designated as Curricular Community Engaged Learning?**

No

**Does this course require safety training?**

No

**Does this course require personal protective equipment (PPE)?**

No

**Does this course have prerequisites?**

No

**Does this course have corequisites?**

Yes

**Corequisite:**

ENGR 17

**Corequisites Enforced at Registration?**

No

**Graded:**

Credit / No Credit

**Approval required for enrollment?**

No Approval Required

**Course Component(s) and Classification(s):**

Activity

**Activity Classification**

CS#77 - Peer-taught Course, ROTC or Non-Workload Instruction which is not state supported (no WTU generated)

**Activity Units**

1

**Is this a paired course?**

No

**Is this course crosslisted?**

No

**Can this course be repeated for credit?**

Yes

**How many times can the course be taken (including first time passed)?**

2

**Total credits allowed (including first time passed)**

3

**Can the course be taken for credit more than once during the same term?**

No

**Description of the Expected Learning Outcomes and Assessment Strategies:**

List the Expected Learning Outcomes and their accompanying Assessment Strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers). Click the plus sign to add a new row.

|   | Expected Learning Outcome   | Assessment Strategies   |
|---|---|---|
| 1 | Collaborate with others to find solutions to challenging problems in circuits | -Attendance and participation of all enrolled students will be tracked by PAL facilitators and the instructor   |
| 2 | Recognize effective strategies for learning circuits                          | -Students enrolled in PALs will be evaluated by PAL Facilitators regarding their approach to problems           |
| 3 | Assume greater responsibility for their own success in circuits               | -Students will complete surveys about their own approach and attitudes towards learning circuits (pre and post) |

**Attach a list of the required/recommended course readings and activities:**

ENGR 17P Syllabus.pdf

**For whom is this course being developed?**

Majors in the Dept

Majors of other Depts

**Is this course required in a degree program (major, minor, graduate degree, certificate?)**

No

**Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer)?**

No

**Will there be any departments affected by this proposed course?**

No

I/we as the author(s) of this course proposal agree to provide a new or updated accessibility checklist to the Dean's office prior to the semester when this course is taught utilizing the changes proposed here.

I/we agree

**University Learning Goals****Undergraduate Learning Goals:**

Competence in the disciplines

Knowledge of human cultures and the physical and natural world

Integrative learning

Personal and social responsibility

Intellectual and practical skills

**Is this course required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?**

No

**GE Course and GE Goal(s)**

**Is this a General Education (GE) course or is it being considered for GE?**

No

Key: 14798