

CSC 20P: PEER-ASSISTED LEARNING CSC 20

In Workflow

1. ECS College Committee Chair (abadi@csus.edu)
2. ECS Dean (101010646@csus.edu)
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8. Registrar's Office (wlindsey@csus.edu)
9. PeopleSoft (PeopleSoft@csus.edu)

Approval Path

1. Wed, 05 Oct 2022 15:17:23 GMT
Masoud Ghodrat Abadi (abadi): Approved for ECS College Committee Chair
2. Wed, 05 Oct 2022 16:07:04 GMT
101010646: Approved for ECS Dean

New Course Proposal

Date Submitted: Tue, 13 Sep 2022 20:01:02 GMT

Viewing: CSC 20P : Peer-Assisted Learning CSC 20

Last edit: Wed, 05 Oct 2022 15:17:04 GMT

Changes proposed by: Julie Fogarty (218645519)

Contact(s):

Name (First Last)	Email	Phone 999-999-9999
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Catalog Title:

Peer-Assisted Learning CSC 20

Class Schedule Title:

Peer-Assisted Learning CSC 20

Academic Group: (College)

ECS - Engineering & Computer Science

Academic Organization: (Department)

College of Engineering & Computer Science

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

No

Catalog Year Effective:

Fall 2023 (2023/2024 Catalog)

Subject Area: (prefix)

CSC - Computer Science

Catalog Number: (course number)

20P

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:

CSC 20P will provide students who are concurrently enrolled in CSC 20 with an opportunity to improve their understanding of content and facility with problem-solving, which should improve their performance in the course. In CSC 20P, small groups of students tackle instructor-designed problems with the support of a trained PAL facilitator. This model has been successfully used in math and science courses across the country over the past 20+ years with consistent success.

This is an extension of the ECS PAL program into additional courses supported by the STEM4Equity grant.

If students enroll in CSC 20, they are not required to take this course, therefore the co-requisite only appears on CSC 20P and is not enforced at registration.

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

Students concurrently enrolled in CSC 20 work through faculty-designed problem sets under the guidance of a trained student facilitator to improve their understanding of CSC 20 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:

CSC 20

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 advanced programming	Attendance and participation of all enrolled students will be tracked by PAL facilitators and the instructor
2	Recognize effective strategies for learning advanced programming concepts and methodology	Students enrolled in PALs will be evaluated by PAL Facilitators regarding their approach to problems
3	Assume greater responsibility for their own success with advanced programming concepts and methodology	Students will complete surveys about their own approach and attitudes towards learning programming concepts and methodology (pre and post)

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

CSC 20P Syllabus.pdf

For whom is this course being developed?

Majors in the Dept

Minors 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?

Yes

Indicate which department(s) will be affected by the proposed course:

Department(s)
Computer Science

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: 14797