

Teaching Mobile CSP:

Comparing Advanced Placement and Concurrent Enrollment

2020-21 Academic Year

Include a description here of what the purpose of this document is and how the table below can be used to help see the differences between the formats and even used to help a teacher decide which format to offer for their students.

Advanced Placement (AP)	Concurrent Enrollment (CE)
Syllabus	
Mobile CSP provides a syllabus (approved by the College Board) for teachers to use. Mobile CSP AP Syllabus	The partnering colleges provide a model syllabus that explains the content covered and shows how grades are calculated and weighted. CCC Syllabus SMSU Syllabus
Course Pacing and Schedule	
Coursework must be completed based on the AP schedule: The Create Performance task must be submitted by April 30 and students prepare for the AP Exam in May. Monthly pacing guide	The instructor can determine when the coursework can be completed throughout the academic year. Monthly pacing guide (in development)
Create Task	
Complete both a practice and an official project. Collaboration is encouraged. Written responses with a running program. Presentation optional. Task instructions here . 8 strict and technical criteria with binary (0 or 1) scoring for each. Rubric here . At least 12 hours of in class time for the official Create task that is submitted to the College Board, plus additional time for the practice Create task.	Complete both a practice and an official project. Collaboration is <i>required</i> and allows for groups to draw on differing strengths among students. Written responses with a running program. Presentation required. Task instructions here . 8 semi-structured guidelines with 0-4 scoring for each, including User Interface Design, Collaboration, and Presentation which are not assessed in AP. Rubric here . Class work time TBD by teacher.

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Rubric allows students to pursue socially useful projects they are passionate about versus projects that will meet the strict grading criteria of AP rubric

Exploring Impacts of Computing Innovations Project

REMOVED AS AN OFFICIAL PERFORMANCE TASK FOR 2020-21

Explore curricular requirements (e.g. 3+ activities and a project) built into the curriculum.

Complete one research project. Task instructions [here](#). Flexibility with what type of final product is submitted.

Rubric [here](#).

4.5-6 hours of in class time

Exams

Mobile CSP provides multiple-choice midterm and final exams as well as an assessment/question bank.

Additionally, for AP credit, students must pass an AP exam that consists of a 2 hour end-of-course multiple choice exam plus an in-class programming project called a Create Performance Task. See the 'College Credit' section for more information.

Exams are a portion of their final grade, as specified in the syllabi. Their overall final grade determines whether they receive college credit.

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Professional Development

Immersion PD: 40-50 hours for teachers with experience in CS.

CT: Immersion PD (30 hours) OR Extended PD (100 hours)

Extended PD: 90-100 hours for teachers new to CS.

MN: Extended PD (100 hours)

College Credit

A student's score of a 3 or above on the AP Exam may be accepted by colleges/universities as credit toward an intro-level CS course. Students can check [here](#) to determine if credit will be accepted at a particular college/university.

CT: College credit for completing the course (with a grade of at least a C) is awarded by the institution that has a partnership with the student's high school.

MN: Students who successfully complete

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such a course (with a grade of C- or better) are assured of course acceptance at any of Minnesota's public colleges and universities.

Check with your local college/university to see how many credits students can receive and what schools credit can be transferred to.

Grading

A student's AP score is determined based on the combination of the end-of-course AP Exam (70%) and the Create Performance Task (30%). Instructors individually decide how the student's overall course grade is decided.

Student grades are determined by their performance throughout the academic year as specified in the syllabi.

College Experience

Credit is not associated with a particular college.

Students are treated as students at a particular college and get to experience that college's culture. Depending on the college, this may include visits from a college professor and/or students visiting the college campus.

Prerequisites

Algebra I is recommended.

CT: None, any student in grades 9-12

MN: Students must meet state eligibility requirements, however, a waiver process can be completed by the high school teacher for individual students.

- Seniors - 3.0 GPA or above and be in the top half of their class
- Juniors - 3.0 GPA or above and be in the top third of their class
- Sophomores - in the top 10% of their class and scored in the 90th percentile on a nationally standardized test