



Chandler Unified School District

CSC710 Computer Science Discoveries

Semester 2, SY 2022-23

Course Overview

Course Description

CSC710 Computer Science Discoveries (One Semester): CS Discoveries is an introductory computer science course that empowers students to create authentic projects and engage with computer science for creativity, communication, problem-solving, and fun. Students become familiar with coding concepts and the design process through web development, the construction of games and apps, and physical computing. Students create and share content through puzzles, challenges, and real-world scenarios.

Advanced Placement (AP) / International Baccalaureate (IB) / Dual Enrollment

This not an AP, IB, or Dual Enrollment course. An additional syllabus is not required for this course.

Site

School name and address:

Willis Junior High School, 401 S McQueen Rd, Chandler, AZ 85225

Building principal:

Jeff Delp
delp.jeff@cusd80.com

Faculty Information

Teacher:

Tim Brown BA, MEd
brown.tim@cusd80.com
4808835714

Office hours: Wednesday 8-9 am and 4-5 pm

Course Learning Outcomes

After this course, students will be able to:

- Code with variables.
- Use sprites to create different scenes.
- Learn how to make objects move using loops and conditionals.

Materials and Fees

Course Materials

n/a

Course Fees

n/a

Curriculum and Instructional Resources

Adopted Resource(s)

n/a

**An asterisk will indicate a resource containing sexually explicit materials per legislative definitions.*

CUSD has determined that all resources listed above are of exceptional educational value.

Course Access

This course is taught in person at Willis Junior High School. Students will have access to the curriculum and instruction in the classroom. Google Classroom is the primary location for students to access material when absent from classes taught in person. Buzz is the primary location for COA students to access materials at all times.

- Clever cusd80.com/Page/45109 (select secondary courses will use clever)

Computer Requirements

Students can use devices to engage with electronic resources and turn-in select assignments.

Help

Academic Support

- Contact the teacher to schedule an appointment during office hours
- [NetTutor](#) offers K-12 CUSD students free live tutoring, question drop-off, and writing feedback (cusd80.com/NetTutor)
- [Ed Tech](#) support for students, parents/guardians, and community link (cusd80.com/Page/45109)

Mental Health Support

- CUSD's Counseling and Social Services Department provides access to mental health support for students and families through their webpage cusd80.com/Domain/10528
- US Department of Health and Human Services 9-8-8 hotline
- 24-hour Crisis Line Talk: 602-222-9444, Text: 741-741

Student Conduct, Success, and Responsibilities

Student Handbook

Students must follow the policies and procedures established in the Student Handbook. Copies of the handbook can be found at <https://www.cusd80.com/handbooks>. Printed copies will be provided upon request.

To be successful

- Students will be attentive in class and participate.
- Students will ask questions when needed.
- Students will complete all assignments.

Student Responsibilities

No food or drink around computers.

Use computers for instructional purposes only.

Cell phones on silent and kept in backpacks.

Late work

Students will have the same amount of time they were absent to get their work turned in before it is considered late.

Assessments and Assignments

Students will complete assessments during each unit of study to assess their understanding. Students will complete a final at the end of the first and second semesters. The final will count for 20% of the student's final semester grade in grades 9-12 and 10% in grades 7-8 (some exceptions may apply at the Junior High level).

Final exams will be given during the CUSD Jr High/High School Early Dismissal days in December and May, as identified on the [District Calendar](#).

If students are requested to participate in a survey, the survey questions will be provided to parents/guardians seven days before student contact.

Grading

Grade Percentage

| | |
|---|------------|
| A | 90% - 100% |
| B | 80% - 89% |
| C | 70% - 79% |
| D | 60% - 69% |
| F | <60% |

Quarter grades

Quarter grades will be a combination of the following:

50% of the grade: participation and quizzes

50% of the grade: tests and projects

Semester grades

Student semester grades are calculated using 45/45/10: Each quarter accounts for 45% of the semester grade and the final exam accounts for the remaining 10%.

Units of study

Parents/Guardians should indicate if they "Agree" or "Disagree" with their student's participation in each of the following units of study.

Interactive Animations and Games

-Images and Animations

-Building Games

**An asterisk will indicate a unit of study containing sexually explicit materials per legislative definitions.*