

Course Syllabus
Project-based Computer Science Mobile App Development K
Cypress Ranch High School
Teacher: John Cargill

Room:	1562
Tutoring:	Tuesdays and Thursdays 2:45 - 3:15
Email Addresses:	john.cargill@cfisd.net
Phone Number:	281-373-2300
Prerequisite:	Computer Science III K or Concurrent



A. DESCRIPTION

This course employs project-based research affording students the opportunity to apply knowledge and skills acquired in previous computer science courses in an advanced field of study. Students will showcase their creativity and innovation through the development of projects using mobile computing devices. A formal project plan must be submitted within 15 days after the launch date of the course. The plan will include a list of languages and technologies that will be studied and utilized, along with an overview of the culminating project.

B. REQUIRED SUPPLIES

USB flash drive (16GB minimum recommended)

C. GRADING PLAN

Coursework will be weighted as follows:

1. Check For Understanding 20%
2. Relevant Applications 40%
3. Summative Assessments 40%

D. RETESTING POLICY

Summative Assessments: A student **has one** opportunity each grading period to retake a summative assessment for which he/she earned a failing grade (a grade below 70).

Relevant Applications: A student **has at least one** opportunity each grading period to retake a relevant application for which he/she earned a failing grade (a grade below 70).

Check For Understanding: A student **has at least one** opportunity each grading period to retake a check for understanding for which he/she earned a failing grade (a grade below 70).

For any category, the student will be allowed to improve the grade to a maximum of 70%.

E. LATE WORK POLICY

Work may be submitted late with the following penalties: Ten points per day for up to four days; for a maximum late penalty of 40 points. Late penalties will be deducted from the grade earned.

Depending on the assignment, we may designate that no submissions are allowed after the fourth day, or we may specify a deadline (beyond the four-day grace period) by which the assignment must be submitted to receive a grade. The standing deadline is 7 days after the due date.

Work not submitted will receive a grade of Z, which is calculated as a zero in gradebook. Students may still submit work after a Z is entered, provided it is submitted within the grace period or before the deadline.

A zero (0) will be entered after the four-day grace period or the deadline. Students will not receive credit for work submitted after a 0 is entered.

Students who are absent will have the number of days equal to the number of days missed to complete makeup work. Absences do not extend the deadline. Makeup work is to be completed outside of normal class hours.

F. CLASSROOM RULES OF CONDUCT

1. You are expected to be both respectful and courteous.
2. Food and beverages are not permitted in the classroom with the exception of bottled water.
3. Class lab time is expected to be spent in lab/course project work. Lab time is not free time. Attendance and concerted work on assignments are required. Students are expected to work “bell-to-bell”.
4. Students are expected to be in their seat and ready to begin work when the bell to begin the class rings.

G. YOUR IDEAS, SUGGESTIONS, ETC.

In general, your ideas, comments, suggestions, questions, grade challenges, etc. are welcome. Your discretion in these matters is expected. However, no part of your grade will be based on anything other than your coursework. You are encouraged to take advantage of tutoring should you require help understanding any topics presented. Please ask for help in understanding sooner rather than later, i.e. don't wait until you are lost to ask for help.

Stay focused during class, complete all labs and projects on time, ask questions, and challenge yourself to go beyond the lab/project assignment requirements. I fully expect you to help each other on the computer programs. You may work together in developing pseudocode and in debugging Java code. You obviously may NOT simply copy someone else's work. Doing so will result in a cheating referral. Please work hard and let's have a fun year.