

Junior Projects, CSE 3100, Sec 1
Spring 2021
M 3-3:50pm
OLS 129 / Canvas

Instructor Name: Philip Chan

Phone: 321-674-7280

Office Location: 214 Harris Center

Email: pkc@cs.fit.edu

Office Hours: MW 11am-1pm

Course webpage: <https://cs.fit.edu/~pkc/classes/juniorProjects/>

Course Objectives

1. understand components of a capstone/senior project
2. propose a project that is related to FIT
3. propose a project that is not related to FIT

Required Texts / Materials: n/a

Required Training (if applicable): pre-requisites

- CSE 2010 Algorithms and Data Structures

Grading Policy (including late work policy):

- Homework: 80%; Peer Evaluation: 20%
- A: 90%, B: 80%, C: 70%, D: 60%
- Late assignments are accepted, but 20% is deducted for each day.

Course Attendance Policy:

- students are expected to attend classes

Where to Find Extra Help:

- CS Help Desk: <https://cs.fit.edu/~pkc/dept/csHelpDesk.html>
- Academic Support Center: <https://www.fit.edu/academic-support-center/>

Academic Honesty Definitions & Procedures: Is located in the student handbook at <https://www.fit.edu/policies/student-handbook/standards-and-policies/academic-honesty/>

- Students are encouraged to help each other on assignments, but plagiarism (copying) is prohibited.
 - first violation: zero on assignment/test

- second violation: 'F' for the course

Title IX Statement: The university's Title IX policy is available at <https://www.fit.edu/policies/title-ix/>

Title IX of the Education Amendments of 1972 is a federal civil rights law that prohibits discrimination on the basis of sex in federally funded education programs and activities. Florida Institute of Technology policy also prohibits discrimination on the basis of sex.

Florida Tech faculty are committed to helping create a safe learning environment for all students that is free from all forms of discrimination and sexual harassment, including sexual assault, domestic violence, dating violence, and stalking. If you, or someone you know, have experienced or is experiencing any of these behaviors, know that help and support are available.

Florida Tech strongly encourages all members of the community to take action, seek support, and report any incident of sexual harassment or gender discrimination to Fanak Baarman, Title IX Coordinator at 321-674-8885 or fbaarman@fit.edu.

Please note that as your professor, I am required to report any incidents to the Title IX Coordinator. If you wish to speak to an employee who does not have this reporting responsibility, please contact the Student Counseling Center at 321-674-8050.

Academic Accommodations: Florida Tech is committed to equal opportunity for persons w/disabilities in the participation of activities operated/sponsored by the university. Therefore, students w/documented disabilities are entitled to reasonable educational accommodations. The Office of Accessibility Resources (OAR) supports students by assisting w/accommodations, providing recommended interventions, and engaging in case management services. It is the student's responsibility to make a request to OAR before any accommodations can be approved/implemented. Also, students w/approved accommodations are encouraged to speak w/the course instructor to discuss any arrangements and/or concerns relating to their accommodations for the class. Office of Accessibility Resources (OAR): Telephone: 321-674-8285 / Email: accessibilityresources@fit.edu Website: <https://www.fit.edu/accessibility-resources>

Recording Disclosure (Privacy Waiver): This course may be recorded for use by students and/or faculty. Enrolled students are subject to having their images and voices recorded during the classroom presentations, remote access learning, online course discussions, and remote office hours/meetings. Course participants should have no expectation of privacy regarding their participation in this class. Recordings may not be reproduced, shared with those not registered in the courses, or uploaded to other online environments. All recordings will be deleted at the conclusion of the academic term.

Covid-19 University Policy: As per Florida Tech's "Return to Learn Fall 2020" policy, the "*use of face coverings [is] mandatory for students.*" By attending this class in person students agree to follow all health guidelines listed in that document, as well as practicing social distancing in the classroom itself.

Anyone with COVID-19 symptoms should stay at home and seek medical attention. Students failing to follow masking and social distancing will not be allowed to remain in class. For more information, please visit Florida Tech's Coronavirus Central at <https://www.fit.edu/coronavirus/> ([Links to an external site.](#)).

Anticipated Weekly Subject Matter and Assignment Schedule:

	Weekly Topic	Assignment
Week 1	Current senior projects; identifying opportunities	
Week 2	MLK holiday	
Week 3	Identifying opportunities	Jan 25: HW1 due
Week 4	Generating ideas	
Week 5	Genearting ideas	Feb 8: HW2 due
Week 6	System architecture	
Week 7	User Interface	Feb 22: HW3 due
Week 8	“Shark Tank”--guest evaluation	
Week 9	“Shark Tank”--guest evaluation	Mar 8: HW4 due
Week 10	“Shark Tank”--guest evaluation	
Week 11	“Shark Tank”--guest evaluation	Mar 22: HW5 due
Week 12	System architecture	
Week 13	User Interface	Apr 5: HW6 due
Week 14	Proposal for Senior Projects	
Week 15	Projects Opportunities outside CSE	Apr 19: HW7 due
Week 16	n/a	n/a

This schedule is subject to change at the instructor's discretion.

FINAL EXAM Information: N/A