

CS 4920R: Internship

Syllabus

Note

The internship course is for students who are learning on the job, not just working. Students must have successfully completed CS 2420, CS 2810, and CS 3005 to apply to the CS internship course.

How to Register

To request registration in the course see the [Internship Proposal](#) assignment.

Course Description

Internship course in Computer Science and Software Development. Variable credit 1.0 - 3.0. Repeatable up to 3 credits subject to graduation restrictions.

Prerequisites

CS 2420, CS 2810, CS 3005

Students are expected to be mature programmers.

Course fees

Course fee: \$20, used to assist in maintaining department infrastructure.

Disability Statement

If you suspect or are aware that you have a disability that may affect your success in the course you are strongly encouraged to contact the Disability Resource Center (DRC) located in the North Plaza Building. The disability will be evaluated and eligible students will receive assistance in obtaining reasonable accommodations. Phone # 435-652-7516.

Instructor

Instructor: [Curtis Larsen](#)

Email: larsen@dixie.edu

Phone: 435-652-7972

Office: North Burns 233

Office Hours: Tuesday 8:00-9:00, Wednesday 10:00-10:50, Wednesday 4:00-5:00, Thursday 11:00-11:50, Friday 2:00-3:00; or by appointment. (See Zoom link in Canvas.) (Spring 2022)

Objectives

At the successful conclusion of this course, students will be able to:

1. Design and implement programming solutions to meet user needs.
2. Use current software development tools and techniques.
3. Develop software in a team environment.
4. Work with an employer.

Resources

Computer Labs

You may use the computers and software in the Smith Computer Center. Some lab assistants may be able to help with assignments and pass off homework assignments for introductory courses.

Course Web Site

Assignment submissions and grades will be managed in the [Canvas System](#).

Assignments and Exams

Assignments

- Assignment 1: [Proposal](#) (50 points)
- Assignment 2: [Midterm Report](#) (100 points)
- Assignment 3: [Final Report](#) (200 points)

Grading

Grades will be assigned based on the scores of the assignments listed.

Letter grades are assigned based on the percentage of possible points attained, according to the following chart:

Minimum Percentage	Letter Grade						
94	A	84	B	74	C	64	D
90	A-	80	B-	70	C-	60	D-
87	B+	77	C+	67	D+	0	F

Course Policies

Attendance

Students are responsible for material covered and announcements made in class. School-related absences may be made up only if prior arrangements are made. The class schedule presented is approximate. The instructor reserves the right to modify the schedule according to class needs. Changes will be announced in class and posted to the website. Exams and quizzes cannot be made up unless arrangements are made *prior* to the scheduled time.

Occasional absences are acceptable as long as the student keeps up with assignment work. Students who miss more than two consecutive weeks of class or who miss more than 20% of scheduled classes during the semester without making prior arrangements will receive a failing grade. Students who miss any scheduled exam (including midterm exams and the final exam) or fail to complete a final project without making prior arrangements will receive a failing grade.

Time Commitment

Courses should require about 45 hours of work per credit hour of class. This class will require about 135 hours of work on the part of the student to achieve a passing grade, which is approximately 9 hours per week. If you do not have the time to spend on this course, you should probably rethink your schedule.

Late Policy

Assignments are due on the date specified in the schedule. Handing them in or passing them off after the specified time is considered one day late. You may turn them in up to two school days late with penalties as described below. After two days late, you receive zero points.

For example: if an assignment is due at noon on Thursday:

- Before noon Friday the assignment is considered 1 day late.
- Before noon Monday the assignment is considered 2 days late.
- After noon on Monday the assignment will not be accepted.

Saturdays, Sundays, and school holidays do not count as late days. Late days do *not* extend beyond the last day of class.

Each student is given five free late days to use over the course of the semester. The lateness of an assignment will be determined according to the rules given above, and the first five late days used during the semester will be forgiven. After that, each late day will result in a 10% penalty.

Important notes:

- Even using free late days, students cannot submit assignments more than two days late and receive credit. No assignments will be accepted more than two days past the original deadline.
- Free late days are applied to the *first* five late days during the semester. Students cannot control which late days are penalized and which ones forgiven; the first five late days in the semester are forgiven, and the rest are penalized.
- Free late days only apply to students who submit *every* assignment within the two-day cutoff period. For example, if you fail to submit the fifth assignment, or submit it more than two days late, you will forfeit all free late days, *including those used for earlier assignments*.
- No other extensions will be granted, except under exceptional circumstances. Students should reserve their free late days to use in the event of illness, emergencies, traveling, sports conflicts, etc. Students are advised not to use their free late days early in the semester, as assignments tend to get more difficult and schedules tighter as the semester progresses.

Collaboration

Limited collaboration with other students in the course is permitted. Students may seek help learning concepts and developing programming skills from whatever sources they have available, and are encouraged to do so. Collaboration on assignments, however, must be confined to course instructors, lab assistants, and other students in the course. Students are free to discuss strategies for solving programming assignments with each other, but this must not extend to the level of programming code. Each student must code his/her own solution to each assignment. See the section on cheating.

Cheating

Cheating will not be tolerated, and will result in a failing grade for the students involved as well as possible disciplinary action from the college. Cheating includes, but is not limited to, turning in homework assignments that are not the student's own work. It is okay to seek help from others and from reference materials, but only if you learn the material. As a general rule, if you cannot delete your assignment, start over, and re-create it successfully without further help, then your homework is not considered your own work.

You are encouraged to work in groups while studying for tests, discussing class lectures, discussing algorithms for homework solutions, and helping each other identify errors in your homework solutions. If you are unsure if collaboration is appropriate, contact the instructor. Also, note exactly what you did. If your actions are determined to be inappropriate, the response will be much more favorable if you are honest and complete in your disclosure.

Where collaboration is permitted, each student must still create and type in his/her own solution. Any kind of copying and pasting is *not* okay. If you need help understanding concepts, get it from the instructor or fellow classmates, but never copy another's code or written work, either electronically or visually. The line between collaborating and cheating is generally one of language: talking about solutions in English or other natural languages is usually okay, while discussions that take place in programming languages are usually not okay. It is a good idea to wait at least 30 minutes after any discussion to start your independent write-up. This will help you commit what you have learned to long-term memory as well as help to avoid crossing the line to cheating.

College Policies

Click on this link: <https://calendar.dixie.edu/> for the official academic calendar, which has several important dates you should be aware of.

Click on this link: <https://employees.dixie.edu/faculty-resources/required-elements-in-dsu-syllabi/> and scroll down to the section starting with "Important Links" for links to resources and policies that apply university wide.

Disability/Accessibility Resources

DSU welcomes all students and strives to make the learning experience accessible. If you are a student with a medical, psychological, or learning disability that may require accommodations for this course, you are encouraged to contact the Disability Resource Center (DRC) as soon as possible. You may request reasonable accommodations at any time during the semester; however, they are not retroactive. The DRC is located next door to the Testing Center in the North Plaza Building (435 652-7516, drc@dixie.edu, drcenter.dixie.edu).