

Course Syllabus

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 Edit

1 Basic Course Information

1.1 Catalogue Description

Laboratory work required. Provides students with challenges of business environments in developing a technology-based project. Students identify a societal problem, identify solutions, define project solutions, develop project objectives, conduct feasibility analysis, establish organizational group structure to meet project objectives and develop formal specifications. Students make formal technical project presentations and develop web documentation. Students prepare a draft grant proposal.

1.2 Overall Description

You will work with a team to identify a societal problem, propose a software solution, refine that software solution, and defend that software solution. Once you have designed a real-world solution... your team (and you) will work to reduce the scope of the project into something that can be prototyped next semester in CS 411W.

1.3 Prerequisites

- Students must have earned a C or better in CS350 *or* be currently enrolled in CS350.

1.3.1 General Programming Knowledge

Students should be familiar with certain basic programming techniques that are largely independent of any specific programming language:

- using editors, compilers and other basic software development tools.
- basic software design (i.e., stepwise refinement and top-down design)
- software testing, including the use of scaffolding code (stubs and drivers), selection of test cases for black-box testing, and head-to-head testing.
- debugging, including the use of debugging output, the use of automatic debuggers to set breakpoints and trace program execution, and the general process of reasoning backwards from failure locations to the faulty code responsible for the failure.

1.3.2 C++ & Java Knowledge

I will assume that you are familiar with the basics of C++ or Java. This includes:

- the various C++ statements and control-flow constructs,
- the built-in data types,
- the use of arrays, pointers, pointers to arrays, and linked lists,
- the use and writing of functions, and
- The basic use of structs and/or classes for implementing abstract data types.

1.3.3 Python 3 & Rust Knowledge

Prior knowledge of [Python](https://docs.python.org/3/) and [Rust](https://www.rust-lang.org/learn) is neither expected nor assumed.

In general, CS students at the 400 level should be able to pick up new programming languages with only moderate effort. If you need resources to get started with Python, take some time to work through the [CS 263 materials](https://www.cs.odu.edu/~tkennedy/cs263/latest).

1.3.4 Unix/Linux

All students in the course will receive accounts on the CS Dept. network, and knowledge of how to work with the Linux servers is part of the course prerequisites. This course does not require familiarity with shell scripting. All other topics in CS 252 are required.

Some assignments will require the use of software available only on the Linux servers. Others may require (or, at least, be simplified by) use of the X windowing system.

1.3.5 General Computer Literacy

You will be studying techniques in this course for preparing professional-quality software documentation. The key embedded word in “software documentation” is “document”. Students taking this course should be able to use word processors and other common tools to produce good-quality documents, including mixing text and graphics naturally and professionally.

1.4 When and Where

Scheduled Recitation Meetings will be held via Zoom. Meeting information can be found in Canvas under the *Course Collaboration Tool*. Recordings of these meetings will be available under the *Media Gallery*.

1.5 Instructor

Dr. Sumaya Sanobar is a lecturer who has taught a variety of computer science courses. These include Python for Programmers, Computers and Society, Object Oriented Programming and Design, Introduction to Software Engineering, Professional Workforce Development I, and Data Structure and

Algorithm, Fundamentals of Cybersecurity and Artificial Neural Network. She has a strong background in computer science and is dedicated to helping students develop their skills and knowledge in this field.

Dr. Sanober is deeply committed to imparting knowledge and skills that deliver an unending value and emphasize hands-on activities, close interaction with my students, discussions, collaboration, and problem-solving. She is particularly excited about the research and collaborative environment in the fields of Artificial Intelligence, Machine Learning, and Data Science.


1.5.1 Contact Policy

All emails related to this course should have the phrase **CS 410** in the subject line. This flags your message in my mailbox for faster attention.

Email is my preferred mode of communication with students. Don't hesitate to email me your questions. I would be happy to provide guidance when needed.

I will respond to emails within 24 hours on weekdays, 48 hours on Weekends and holidays. For any course-related communication, please use your ODU email, as I will not respond to non-ODU emails.

1.5.1 Office Hours

My office hours are twice a week. You can reach me with this [link](#). 

<https://outlook.office.com/book/SumayaSanoberODUCSDept@olddominion.onmicrosoft.com/?ismsaljsauthenabled>

Monday: 12:00 -2:00 PM

Wednesday: 12:00 -2:00 PM

Please email me (ssanober@odu.edu (<mailto:ssanober@odu.edu>)) to schedule a meeting if needed, apart from office hours.

2 Required Materials

2.1 Textbooks

There is no textbook for CS 410. All material will be provided through Canvas and the course site.

2.2 Supplemental Materials

All supplemental resources and materials will be available in Canvas.

2.3 Technology Requirements

2.3.1 Computer Accounts

Students will need an account on the CS Dept. Linux network to participate in this class. This account is unrelated to any University-wide account you may have from ODU's Information Technology Services (ITS).

If you have had a CS Unix account in the recent past, you should find it still active with your login name, password, and files unchanged. If you have had an account and it has not been restored, contact the CS Dept systems staff at root@cs.odu.edu (<mailto:root@cs.odu.edu>), requesting that it be restored.

If you do not yet have such an account, go to the [CS Dept. home page \(https://www.cs.odu.edu/\)](https://www.cs.odu.edu/) and look for "Account Creation" under "Online Services". All students in this course are responsible for making sure they have a working CS Unix account **before** the second week of class.

3 Course Objectives

Upon successful completion of this course, students will have participated in the development of a set of documents that define a proposed research solution to a defined problem supported by formal presentations. Students will be required to use a combination of

- knowledge gained from the series of courses completed at the university
- external experience from business or industry,
- research efforts on the specific problem areas that are identified by mentors.

The problem contains aspects of requirements that a project manager would be required to solve in a commercial or research environment. Students will develop plans, analysis documents, and design documents for the various aspects of the project solution.

The use of current technology in the support of the design and development of the problem solution is a critical component of the process. Students will take on the role of project managers and be required to develop management-level briefings through formal presentations.

The development of these briefings is expected to require research along with interviews of experts in the particular domain. One or more presentations will be a critical design review that seeks approval for continuation of the project.

The various presentations will require students to work as individuals making a presentation, members of a team to prepare a group presentation, as well as leaders of group efforts in support of the overall project.

4 Course Topics

1. Project Analysis
2. Project Interviewing
3. Risk Analysis
4. Group Interactions

5. Simulation
6. Prototyping
7. Technical Writing
8. Project Planning
9. Project Resources
10. COTS Hardware and Software
11. Human/Computer Interface
12. Presentation Techniques

5 Course Schedule

The course schedule is available in Canvas under *Modules* and *Calendar*.

6 Grading

Assignments	Collected Assignments	10%	Individual
Formal Presentation I	Project Analysis	10%	Individual
Formal Presentation II	Feasibility	25%	Group/Individual
Formal Presentation III	Project Design	25%	Group/Individual
Final Exam	Prototype Design/User Stories	10%	Group/Individual
Lab 1	Lab 1 First Draft	10%	Individual
Project Website	GitHub Pages	10%	Group

Grading Schema

Percent Letter Grade 4pt Value

≥94 ≥ 94	A	4.0
≥90 ≥ 90	A-	3.7
≥87 ≥ 87	B+	3.3
≥84 ≥ 84	B	3.0
≥80 ≥ 80	B-	2.7
≥77 ≥ 77	C+	2.3
≥74 ≥ 74	C	2.0
≥70 ≥ 70	C-	1.7
≥67 ≥ 67	D+	1.3
≥64 ≥ 64	D	1.0

Percent Letter Grade 4pt Value

≥60 ≥ 60	D-	0.7
<59 < 59	F	0.0

6.1 Presentations and Discussion Activities

Throughout the semester... discussion activities will be announced. These activities will include required discussion board activities. Details will be discussed during recitation and through Canvas Announcements. Discussion activities will be used to evaluate each team's project as a whole and each student's understanding of and contribution to the project. Discussion performance will be used to adjust individual grades for each presentation.

7 Course Policies

7.1 Attendance

Recitation attendance is not required. It is your responsibility to

1. Watch the recording of any recitation that you are unable to attend
2. Follow up with your team regarding any team feedback provided during the recitation
3. contribute meaningfully to the development of presentation materials

7.2 Due Dates and Late Submissions

Late papers, assignments, projects, and make-up exams will not normally be permitted.

Exceptions will be made only in situations of unusual and unforeseeable circumstances beyond the student's control, and such arrangements must be made before the due date in any situation where the conflict is foreseeable.

"I've fallen behind and can't catch up", "I'm having a busier semester than I expected", or "I registered for too many classes this semester" are not grounds for an extension.

Extensions to due dates will not be granted simply to allow "porting" from one system to another. *"But I had it working on my home PC!"* is not an acceptable excuse.

7.3 Group Membership

You will be assigned to a team consisting of five (5) to nine (9) students. The assignment will be based on:

1. project preferences based on an upcoming assignment
2. requests to work with friends or colleagues
3. Instructor's discretion based on course requirements

You will remain in your team for CS 410 and into CS 411W

7.4 Continuing into CS 411W

CS 410 and CS 411W are essentially “*one course split into two (2) semesters.*” When registering for CS 411W... you need to:

1. Select a CS 411W lecture and recitation taught by your CS 410 teacher
2. Try to select the same recitation as your team
3. *Check with your teacher regarding any additional scheduling considerations.*

7.5 Contribution

You will recognize some prose from CS 350. Much of this section is based on the CS 350 syllabus.

You will work as part of a team for most of the semester (i.e., from week 2 onward).

Your grade will include (and be based on)...

1. **Active** participation within your team
2. **Active** contribution to your team
3. **Active** engagement with your team

Procrastination and just-before-the-deadline submissions are detrimental to any team dynamic and will result in lowered grades.

7.6 Civility Among Team Members

You will recognize some prose CS 350. Much of this section is based on the CS 350 syllabus.

You will be working with your team for many weeks, and there will be a lot of communication expected among team members.

In accordance with the [Monarch Creed \(https://www.odu.edu/about/monarchcitizenship#tab152=2\)](https://www.odu.edu/about/monarchcitizenship#tab152=2) and [Code of Ethics \(https://www.odu.edu/about/monarchcitizenship/code-of-ethics\)](https://www.odu.edu/about/monarchcitizenship/code-of-ethics), I expect all students to maintain *civility* in their dealings with one another.

Language that is abusive, harassing, or threatening to members of the class or that fosters high levels of personal and emotional anxiety may, at the instructor's discretion, result in expulsion from the team. Given the importance of the team project to this course, that is likely to result in a failing grade. Egregious or repeated violations will be referred to appropriate authorities for possible disciplinary action.

7.7 Unsatisfactory Performance

If a student fails to contribute meaningfully within his/her group, or a student feels he/she cannot contribute meaningfully within his/her group, the instructor or student may arrange a meeting. The meeting may be conducted face-to-face, via network conferencing, or via email. The instructor may consult other CS 410/411W instructors or ask other CS 410/411W instructors to attend the meeting.

During the meeting, the instructor and student will discuss the student's current contributions and expected contributions moving forward. The instructor and student will arrange a follow-up meeting. If by the follow-up meeting, the student has not made the expected (i.e., agreed upon) contributions he /she may not pass the course.

7.8 Academic Honesty

Everything turned in for grading in this course must be your own work. If an assignment is **explicitly** described as a team assignment, it must be the work of the team members only.

The instructor reserves the right to question a student orally or in writing and to use his evaluation of the student's understanding of the assignment and of the submitted solution as evidence of cheating. Violations will be reported to the Office of Student Conduct & Academic Integrity for consideration for possible punitive action.

Students who contribute to violations by sharing their code/designs with others may be subject to the same penalties.

- Students are expected to use standard Unix protection mechanisms (`chmod`) to keep their assignments from being read by their classmates. Failure to do so will result in grade penalties, at the very least.

This policy is not intended to prevent students from providing legitimate assistance to one another. Students are encouraged to seek/provide one another aid in learning to use the operating system, in issues pertaining to the programming language, or to general issues relating to the course subject matter.

Students should avoid, however, explicit discussion of approaches to solving a particular programming assignment, and under no circumstances should students show one another their code for an ongoing assignment, nor discuss such code in detail.

Use of Online Resources

You may **not** post details of course assignments, projects, or tests at online Forums, Bulletin Boards, Homework sites, etc., soliciting help.

You may use information that you have not solicited but have located, subject to the following restrictions:

- Just as when writing a paper, if you use someone else's ideas, you must cite your sources appropriately. Within code, such citations appear in comments.

Example:

```
:
double x = 23.0;
double xsqrt = sqrt(x);
// Search algorithm based upon code by S Zeil at
// https://www.cs.odu.edu/~zeil/cs361/latest/Public/functionAnalysis/index.html#orderedsequentialsearch
int loc = 0;
while (loc < arraySize && numbers[loc] < xsqrt)
:
```

- Just as when writing a paper, if you use someone else's words (code), you must cite your sources appropriately **and** mark the quoted text. Within code, such citations appear in comments.

Example:

```
:
double x = 23.0;
double xsqrt = sqrt(x);

// Begin quoted code from S Zeil at
// https://www.cs.odu.edu/~zeil/cs361/latest/Public/functionAnalysis/index.html#orderedsequentialsearch
int loc = 0;
while (loc < listLength && list[loc] < searchItem)
{
    ++loc;
}
// End quoted code

:
```

- Failure to appropriately cite any such “found code” will be taken as evidence of plagiarism.
- The overall principle stated in the first sentence of this section remains in effect. “Everything turned in for grading in this course must be your own work.” If the bulk of your assignment, code, paper, etc., is copied, even with an appropriate citation, to the degree that, in the judgment of the instructor, you have not demonstrated your own knowledge of the course material, you will receive a zero for that exercise.

8 University Policies

8.1 Code of Student Conduct and Academic Integrity

The Office of Student Conduct & Academic Integrity (OSCAI) oversees the administration of the student conduct system, as outlined in the Code of Student Conduct. Old Dominion University is committed to fostering an environment that is: safe and secure, inclusive, and conducive to academic integrity, student engagement, and student success. The University expects students and student organizations/groups to uphold and abide by standards included in the [Code of Student Conduct](https://www1.odu.edu/about/policiesandprocedures/bov/bov1500/1530) (<https://www1.odu.edu/about/policiesandprocedures/bov/bov1500/1530>). These standards are embodied within a set of core values that include personal and academic integrity, fairness, respect, community, and responsibility.

8.2 Honor Pledge

By attending Old Dominion University, you have accepted the responsibility to abide by the Honor Pledge:

I pledge to support the Honor System of Old Dominion University. I will refrain from any form of academic dishonesty or deception, such as cheating or plagiarism. I am aware that as a member of the academic community it is my responsibility to turn in all suspected violations of the Honor Code. I will report to a hearing if summoned.

8.3 University Email Policy

Reformatted to

follow <https://www1.odu.edu/about/policiesandprocedures/computing/standards/11/02> (<https://www1.odu.edu/about/policiesandprocedures/computing/standards/11/02>).

8.3.1 Student Email

With the increasing reliance and acceptance of electronic communication, email is considered an official means for University communication. Old Dominion University provides each student with an email account for teaching and learning, research, administration, and service. All students must be aware of the expectations associated with email use as outlined in the [Student Email Standard](https://www1.odu.edu/about/policiesandprocedures/computing/standards/11/02). (<https://www1.odu.edu/about/policiesandprocedures/computing/standards/11/02>)

8.3.2 Email Account Activation

It is the responsibility of every eligible student to activate MIDAS, the Monarch Identification and Authorization System, to obtain email access.

8.3.3 Expectations Regarding Use of Email

The email account provided by the University is considered to be an official point of contact for correspondence. Students are expected to check their official e-mail account on a frequent and

consistent basis in order to stay current with University communications. Mail sent to the ODU email address may include notification of University-related actions, including academic, financial, and disciplinary actions. For more information about student email, please visit [Student Computing](https://www.odu.edu/academics/student-computing). (<https://www.odu.edu/academics/student-computing>)

8.3.4 Educational Uses of Email

University offices and instructors cannot validate that a communication coming by email is from an ODU student unless it comes from a valid ODU email address. If students send mail from non-ODU email accounts (e.g., Hotmail or Yahoo), faculty and staff are not obligated to respond and may request that official e-mail accounts be used.

8.4 Withdrawal

Enrollment in this course indicates your acceptance of its teaching focus, requirements, and policies. Please review the syllabus and the course requirements as soon as possible. If you believe that the nature of this course does not meet your interests, needs or expectations, if you are not prepared for the amount of work involved – or if you anticipate assignment deadlines or adherence to course policies will constitute an unacceptable hardship for you – you should drop the course by the drop/add deadline, which is listed in the [ODU Schedule of Classes](https://www.odu.edu/academics/calendar) (<https://www.odu.edu/academics/calendar>). Visit the [Office of the University Registrar](https://www.odu.edu/registrar) (<https://www.odu.edu/registrar>) for more information.


8.5 Educational Accessibility














Old Dominion University is committed to ensuring equal access to all qualified students with disabilities in accordance with the Americans with Disabilities Act. The Office of Educational Accessibility (OEA) is the campus office that works with students who have disabilities to provide and/or arrange reasonable accommodations.

- If you experience a disability which will impact your ability to access any aspect of my class, please present me with an accommodation letter from OEA so that we can work together to ensure that appropriate accommodations are available to you.
- If you feel that you will experience barriers to your ability to learn and/or testing in my class but do not have an accommodation letter, please consider scheduling an appointment with OEA to determine if academic accommodations are necessary.

The Office of Educational Accessibility is located at 1021 Student Success Center and their phone number is (757) 683-4655. Additional information is available at the [OEA website](http://www.odu.edu/educationalaccessibility/) (<http://www.odu.edu/educationalaccessibility/>)











Course Summary:

















Date	Details	Due
Mon Sep 2, 2024	 Memorial Day - No Classes https://canvas.odu.edu/calendar?event_id=120004&include_contexts=course_187611	12am
Thu Oct 17, 2024	 Feasibility Iteration 4 https://canvas.odu.edu/courses/187611/assignments/2872555	due by 11:59pm
		
Mon Oct 21, 2024	 Final Peer Evaluation Assignment: Reflecting on Your Feasibility Journey https://canvas.odu.edu/courses/187611/assignments/2872565	due by 11:59pm
		
Sat Oct 26, 2024	 Revised Feasibility Presentation (Version2 Individual Score) https://canvas.odu.edu/courses/187611/assignments/2872584	due by 11:59pm
		
Fri Nov 22, 2024	 Lab1 Individual Draft Submission (Additional Sections) https://canvas.odu.edu/courses/187611/assignments/2872578	due by 11:59pm
		
Sat Nov 23, 2024	 Self Evaluation - Design https://canvas.odu.edu/courses/187611/assignments/2872586	due by 11:59pm
		
Wed Dec 4, 2024	 Prototype Design Peer Evaluation https://canvas.odu.edu/courses/187611/assignments/2872583	due by 11:59pm
		
Thu Dec 5, 2024	 Final Design Slide Deck (Version1) https://canvas.odu.edu/courses/187611/assignments/2872561	due by 11:59pm
		
Fri Dec 6, 2024	 Formal Prototype Presentation https://canvas.odu.edu/courses/187611/assignments/2872570	due by 11:59pm
		
















Date	Details	Due
	 Lab 1 First Draft https://canvas.odu.edu/courses/187611/assignments/2872574	due by 11:59pm
		
	 Self Evaluation - Final https://canvas.odu.edu/courses/187611/assignments/2872587	due by 11:59pm
		
	 Final Design and Prototype Peer Evaluation Assignment: Reflecting on Your Design Journey https://canvas.odu.edu/courses/187611/assignments/2872562	due by 11:59pm
		
Fri Dec 13, 2024	 Formal Design Presentation Overview and Group Score (Reviewers) https://canvas.odu.edu/courses/187611/assignments/2872567	due by 11:59pm
		
	 Personal Introduction Post https://canvas.odu.edu/courses/187611/assignments/2872536	due by 11:59pm
		
Tue Aug 26, 2025	 Professionalism Discussion https://canvas.odu.edu/courses/187611/assignments/2872535	due by 11:59pm
		
Mon Sep 1, 2025	 Labor Day - No Classes https://canvas.odu.edu/calendar?event_id=120005&include_contexts=course_187611	12am
Tue Sep 2, 2025	 Personal Introduction Video https://canvas.odu.edu/courses/187611/assignments/2872581	due by 11:59pm
		
Fri Sep 5, 2025	 Evaluation of a Previous Project (Preparation) https://canvas.odu.edu/courses/187611/assignments/2872549	due by 11:59pm
		


















Date	Details	Due
Tue Sep 9, 2025	 Evaluation of a Previous Project (Quiz) https://canvas.odu.edu/courses/187611/assignments/2872527	due by 11:59pm
		
Sun Sep 14, 2025	 Societal Problem Identification https://canvas.odu.edu/courses/187611/assignments/2872534	due by 11:59pm
		
Tue Sep 16, 2025	 Societal Problem Refinement https://canvas.odu.edu/courses/187611/assignments/2872533	due by 11:59pm
		
Thu Sep 18, 2025	 Societal Problem Presentation https://canvas.odu.edu/courses/187611/assignments/2872588	due by 11:59pm
		
Fri Sep 19, 2025	 Peer Presentation Evaluation (Idea Selection) https://canvas.odu.edu/courses/187611/assignments/2872580	due by 11:59pm
		
Sun Sep 21, 2025	 Feasibility Deliverable Overview (Feasibility Iteration 0) https://canvas.odu.edu/courses/187611/assignments/2872551	due by 11:59pm
		
Tue Sep 23, 2025	 Group Google Drive Folder https://canvas.odu.edu/courses/187611/assignments/2872572	due by 11:59pm
		
	 Feasibility Iteration 1 https://canvas.odu.edu/courses/187611/assignments/2872552	due by 11:59pm
		
	 Feasibility Peer Evaluation #1 https://canvas.odu.edu/courses/187611/assignments/2872558	due by 11:59pm
		
	 Initial Website - GitHub Pages URL	due by 11:59pm


Date	Details	Due
	https://canvas.odu.edu/courses/187611/assignments/2872573 	
Thu Sep 25, 2025	 Group Contact & Contract https://canvas.odu.edu/courses/187611/assignments/2872571 due by 11:59pm 	
Tue Sep 30, 2025	 Feasibility Iteration 2 https://canvas.odu.edu/courses/187611/assignments/2872553 due by 11:59pm 	
	 Feasibility Peer Evaluation #2 https://canvas.odu.edu/courses/187611/assignments/2872559 due by 11:59pm 	
Fri Oct 3, 2025	 Website - Update 1 https://canvas.odu.edu/courses/187611/assignments/2872590 due by 11:59pm 	
Tue Oct 7, 2025	 Feasibility Iteration 3 https://canvas.odu.edu/courses/187611/assignments/2872554 due by 11:59pm 	
	 Feasibility Peer Evaluation #3 https://canvas.odu.edu/courses/187611/assignments/2872560 due by 11:59pm 	
Fri Oct 10, 2025	 Feasibility Iteration 4 - Rehearsal https://canvas.odu.edu/courses/187611/assignments/2872556 due by 11:59pm 	
Sat Oct 11, 2025	 Fall Holiday - No Classes https://canvas.odu.edu/calendar?event_id=120006&include_contexts=course_187611	12am
Sun Oct 12, 2025	 Fall Holiday - No Classes https://canvas.odu.edu/calendar?event_id=120007&include_contexts=course_187611	12am
Mon Oct 13, 2025	 Fall Holiday - No Classes https://canvas.odu.edu/calendar?event_id=120008&include_contexts=course_187611	12am

Date	Details	Due
	event_id=120008&include_contexts=course_187611)	
Tue Oct 14, 2025	 Fall Holiday - No Classes (https://canvas.odu.edu/calendar?event_id=120009&include_contexts=course_187611) 	12am
Wed Oct 15, 2025	 Website - Update 2 (https://canvas.odu.edu/courses/187611/assignments/2872591) 	due by 11:59pm
		
Thu Oct 16, 2025	 Final Feasibility Slide Deck (Version1) (https://canvas.odu.edu/courses/187611/assignments/2872563) 	due by 11:59pm
		
Fri Oct 17, 2025	 Formal Feasibility Presentation Overview and Group Score (Reviewers) (https://canvas.odu.edu/courses/187611/assignments/2872568) 	due by 11:59pm
		
Fri Oct 24, 2025	 Lab 1 Foundations (https://canvas.odu.edu/courses/187611/assignments/2872575) 	due by 11:59pm
		
	 Revised Feasibility Slide Deck link (Version2) (https://canvas.odu.edu/courses/187611/assignments/2872585) 	due by 11:59pm
		
	 Design - Iteration1 Building on Feasibility (Overview) (https://canvas.odu.edu/courses/187611/assignments/2872540) 	due by 11:59pm
		
Tue Oct 28, 2025	 Design Peer Evaluation #1 (https://canvas.odu.edu/courses/187611/assignments/2872544) 	due by 11:59pm
		
	 Lab 1 Outline (https://canvas.odu.edu/courses/187611/assignments/2872576) 	due by 11:59pm
		

Date	Details	Due
Tue Nov 4, 2025	 Election Day - No Classes https://canvas.odu.edu/calendar?event_id=120010&include_contexts=course_187611	12am
	 Design Iteration #2 — Structure Through User Stories https://canvas.odu.edu/courses/187611/assignments/2872543	due by 11:59pm
		
Tue Nov 11, 2025	 Design Peer Evaluation #2 https://canvas.odu.edu/courses/187611/assignments/2872545	due by 11:59pm
		
	 Design - Iteration #3 https://canvas.odu.edu/courses/187611/assignments/2872537	due by 11:59pm
Thu Nov 13, 2025		
	 Design Peer Evaluation #3 https://canvas.odu.edu/courses/187611/assignments/2872546	due by 11:59pm
		
Fri Nov 14, 2025	 Football Game - No Classes After 1:00pm https://canvas.odu.edu/calendar?event_id=120011&include_contexts=course_187611	12am
	 Lab1 Individual Introduction Submission https://canvas.odu.edu/courses/187611/assignments/2872579	due by 11:59pm
		
Tue Nov 18, 2025	 Design - Iteration #4 https://canvas.odu.edu/courses/187611/assignments/2872538	due by 11:59pm
		
	 Design - Iteration #4 Copy https://canvas.odu.edu/courses/187611/assignments/2872539	due by 11:59pm
		

Date	Details	Due
	 Design Peer Evaluation #4 https://canvas.odu.edu/courses/187611/assignments/2872547 due by 11:59pm 	
	 Design - Iteration5 - Rehearsal https://canvas.odu.edu/courses/187611/assignments/2872541 due by 11:59pm 	
Fri Nov 21, 2025	 Design Peer Evaluation #5 https://canvas.odu.edu/courses/187611/assignments/2872548 due by 11:59pm 	
	 Website - Update 3 https://canvas.odu.edu/courses/187611/assignments/2872592 due by 11:59pm 	
Wed Nov 26, 2025	 Thanksgiving Holiday - No Classes https://canvas.odu.edu/calendar?event_id=120012&include_contexts=course_187611	12am
Thu Nov 27, 2025	 Thanksgiving Holiday - No Classes https://canvas.odu.edu/calendar?event_id=120013&include_contexts=course_187611	12am
Fri Nov 28, 2025	 Thanksgiving Holiday - No Classes https://canvas.odu.edu/calendar?event_id=120014&include_contexts=course_187611	12am
Wed Dec 3, 2025	 Website -Final Updates https://canvas.odu.edu/courses/187611/assignments/2872593 due by 11:59pm 	
Fri Dec 5, 2025	 Last Day of Classes https://canvas.odu.edu/calendar?event_id=120015&include_contexts=course_187611	12am
	 Formal Design Presentation (Individual Score)	due by 11:59pm

Date	Details	Due
	https://canvas.odu.edu/courses/187611/assignments/2872566 	
Fri Dec 12, 2025	 Formal Prototype Design Presentation - Scaling Down (Final Exam) https://canvas.odu.edu/courses/187611/assignments/2872569 	due by 11:59pm
Fri Nov 6, 2026	 Lab 1 Outline - Final Additions https://canvas.odu.edu/courses/187611/assignments/2872577 	due by 11:59pm
	 0.6 Complete Syllabus Quiz https://canvas.odu.edu/courses/187611/assignments/2872529 	
	 Design Contribution - Edit History https://canvas.odu.edu/courses/187611/assignments/2872542 	
	 Feasibility Contribution (Version1 Individual Score) https://canvas.odu.edu/courses/187611/assignments/2872550 	
	 Feasibility Iteration 5 https://canvas.odu.edu/courses/187611/assignments/2872557 	
	 Final Overall Score (After Extra Credit) https://canvas.odu.edu/courses/187611/assignments/2872564 	
	 Prototype Contribution - Edit History https://canvas.odu.edu/courses/187611/assignments/2872582 	

 [Test](#)

<https://canvas.odu.edu/courses/187611/assignments/2872589>

