



Master Course Syllabus

For additional course information, including prerequisites, corequisites, and course fees, please refer to the Catalog: <https://catalog.uvu.edu/>

Semester: Spring

Year: 2025

Course Prefix: CS

Course and Section #: 6610-I04

Course Title: Graduate Project II

Credits: 3

Course Description

Guides through completion and delivery of the large-scale system started in CS 6600. Delivers appropriate system documentation. Teaches the writing and execution of system tests that ensure a high quality system. Must be taken immediately after CS 6600.

Prerequisite: CS 6600

Course Attributes

This course has the following attributes:

- General Education Requirements
- Global/Intercultural Graduation Requirements
- Writing Enriched Graduation Requirements
- Discipline Core Requirements in Program
- Elective Core Requirements in Program
- Open Elective

Other: *Click here to enter text.*

Instructor Information

Instructor Name: George Rudolph

Student Learning Outcomes

1	analyze the system using feedback from customers and other stakeholders to create a set of requirements.
2	design a complete large software system.
3	create a complete large software system.
4	lead a software project.
5	create clear customer documentation

Course Materials and Texts

No textbook is required. Any materials are project-dependent and are outlined in the project proposal completed in CS 6600.

Course Requirements

Course Assignments, Assessments, and Grading Policy

Grading Scale:

The following grading standards will be used in this class:

Grade	Result
A	Pass Oral Defense with or without minor changes
T	Continuing Project work that must be completed to pass the defense
E	Did not pass Oral Defense

Assignment Categories

Activity	Percent
Project software and deliverables	100
Total	100%

Note: SRI submission at the end of the semester is encouraged. I appreciate your constructive feedback to improve my teaching.

Late Work Statement:

Work is finished when it is finished. Any "penalties do not make sense in this context.

Projects:

Finish the project. Schedule the Oral Defense with the Advisory Committee. Pass the Defense. File the required project report with the CS Department Admin once the defense is passed and any required corrections are made. Canvas is not used for submissions nor communication.

Assessments:

The student completes an oral defense of their MCS project. Typically, this includes:

- 1) A public presentation to their committee on their project, approximately 20-30 minutes.
 - a. includes a working demonstration of the project
- 2) A written report which has been given to the committee to review AT LEAST 2 weeks before the defense is scheduled.
- 3) Post-defense the student completes any changes required by the committee to pass.

Required or Recommended Reading Assignments

If any, they are specified in the project proposal from CS 6600.

General Description of the Subject Matter of Each Lecture or Discussion

Not applicable.

Required Course Syllabus Statements

Generative AI

ChatGPT (and similar Tools) in This Course In General: Use ChatGPT as a learning assistant, not as a crutch. If you use it, cite it at the top of your code. **You** are responsible to make sure that any code or content does what it is supposed to do and says what you want it to say. Don't accept anything it generates at face value without checking it critically. These days potential employers will expect you to know how to use tools like ChatGPT to generate code, so it is a skill we need to teach you. If it helps you learn some things faster, GREAT. Just remember: If you REALLY want to be good, work for it. Does your instructor REALLY expect you to use GEN AI in this class? REALLY? Yes!
Suggestions for using it responsibly:

1. **Concept Clarification:** If you're stuck on a concept like Bayes Nets, Minimax or Expected Value, GenAI can explain it in simpler terms or provide examples to help you understand better.
2. **Practice Problems:** GenAI can generate practice problems for you to solve on your own. After you attempt them, it can help you check your answers and understand any mistakes.
3. **Study Tips:** GenAI can offer strategies for studying various AI algorithms effectively, such as how to break down complex problems or how to organize your study sessions.
4. **Resource Recommendations:** GenAI can suggest other textbooks, online courses, or websites that provide additional explanations and practice problems.
5. **Homework Guidance:** While GenAI could but should not do your homework for you, it can help you understand the questions and guide you on how to approach solving them.
6. **Exams:** GenAI is not to be used on Exams. For remote exams such as in Canvas, your instructor leaves people on their honor not to cheat in any form.
7. **Debugging and Understanding Code:** GenAI should not be used to write blanket write code for you with no work on your part--the goal is to train **you**, not it--but it can help you find and fix problems and suggest improvements.

Actual use of AI, including Generative AI depends heavily on the project being done. Any such uses would be agreed upon in the proposal from CS 6600.

Using Remote Testing Software

This course does not use remote testing software.

This course uses remote testing software. Remote test-takers may choose their remote testing locations. Please note, however, that the testing software used for this may conduct a brief scan of

remote test-takers' immediate surroundings, may require use of a webcam while taking an exam, may require the microphone be on while taking an exam, or may require other practices to confirm academic honesty. Test-takers therefore shall have no expectation of privacy in their test-taking location during, or immediately preceding, remote testing. If a student strongly objects to using test-taking software, the student should contact the instructor at the beginning of the semester to determine whether alternative testing arrangements are feasible. Alternatives are not guaranteed.

Required University Syllabus Statements

Accommodations/Students with Disabilities

Students needing accommodations due to a permanent or temporary disability, pregnancy or pregnancy-related conditions may contact UVU [Accessibility Services](#) at accessibilityservices@uvu.edu or 801-863-8747.

Accessibility Services is located on the Orem Campus in BA 110.

Deaf/Hard of Hearing students requesting ASL interpreters or transcribers can contact Accessibility Services to set up accommodations. Deaf/Hard of Hearing services can be contacted at DHHservices@uvu.edu

DHH is located on the Orem Campus in BA 112.

Academic Integrity

At Utah Valley University, faculty and students operate in an atmosphere of mutual trust. Maintaining an atmosphere of academic integrity allows for free exchange of ideas and enables all members of the community to achieve their highest potential. Our goal is to foster an intellectual atmosphere that produces scholars of integrity and imaginative thought. In all academic work, the ideas and contributions of others must be appropriately acknowledged and UVU students are expected to produce their own original academic work.

Faculty and students share the responsibility of ensuring the honesty and fairness of the intellectual environment at UVU. Students have a responsibility to promote academic integrity at the university by not participating in or facilitating others' participation in any act of academic dishonesty. As members of the academic community, students must become familiar with their [rights and responsibilities](#). In each course, they are responsible for knowing the requirements and restrictions regarding research and writing, assessments, collaborative work, the use of study aids, the appropriateness of assistance, and other issues. Likewise, instructors are responsible to clearly state expectations and model best practices.

Further information on what constitutes academic dishonesty is detailed in [UVU Policy 541: Student Code of Conduct](#).

Equity and Title IX

Utah Valley University does not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age (40 and over), disability, veteran status, pregnancy, childbirth, or pregnancy-related conditions, citizenship, genetic information, or other basis protected by applicable law, including Title IX and 34 C.F.R. Part 106, in employment, treatment, admission, access to educational programs and activities, or other University benefits or services. Inquiries about nondiscrimination at UVU may be directed to the U.S. Department of Education's Office

for Civil Rights or UVU's Title IX Coordinator at 801-863-7999 – TitleIX@uvu.edu – 800 W University Pkwy, Orem, 84058, Suite BA 203.

Religious Accommodation

UVU values and acknowledges the array of worldviews, faiths, and religions represented in our student body, and as such provides supportive accommodations for students. Religious belief or conscience broadly includes religious, non-religious, theistic, or non-theistic moral or ethical beliefs as well as participation in religious holidays, observances, or activities. Accommodations may include scheduling or due-date modifications or make-up assignments for missed class work.

To seek a religious accommodation, a student must provide written notice to the instructor and the Director of Accessibility Services at accessibilityservices@uvu.edu. If the accommodation relates to a scheduling conflict, the notice should include the date, time, and brief description of the difficulty posed by the conflict. Such requests should be made as soon as the student is aware of the prospective scheduling conflict.

While religious expression is welcome throughout campus, UVU also has a [specially dedicated space](#) for meditation, prayer, reflection, or other forms of religious expression.