



## CSCI 4385.001 & COSC 4395.001 CAPSTONE, Fall 2021

M/W 2:30PM - 3:50PM @ COB 255

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Office Hours: M/W/F 10:00AM-11:00AM @COB 315.12

Slack <https://capstone-uttyler.slack.com>

### General Course Information

<b>Required Textbook</b>	No textbook.
<b>Course Description</b>	<p>For <i>CSCI 4385 – Information Technology Capstone</i>: An integrated perspective of the problems in today's information systems environment, concentration on contemporary design, methodologies, and considerations unique to users of computers and information systems. <b>Prerequisites:</b> COSC 3315, COSC 3375 and COSC 3385.</p> <p>For <i>COSC 4395 – Capstone Project</i>: This course offers students the opportunity to integrate their knowledge of the undergraduate computer science curriculum by implementing a significant software system as part of a programming team. <b>Prerequisites:</b> COSC 3315, COSC 3325, COSC 4315, COSC 4336, COSC 4360 and COSC 4385.</p> <p>For <i>COSC 4375 – Information Systems Design Project</i>: An integrated perspective of the problems in today's information systems environment, concentration on contemporary design, methodologies, and considerations unique to users of computers and information systems. <b>Prerequisites:</b> GENB 3301 or COSC 3315, COSC 1337/1137 and COSC 3385.</p>
<b>Course Objective</b>	<ul style="list-style-type: none"> <li>○ Learn and apply a systematic process for information system development</li> <li>○ Develop the ability to use the latest tools and techniques to develop information systems</li> <li>○ Create appropriate documents for requirements, functional design, implementation and user training</li> <li>○ Develop an understanding of the current state of the art by preparing and presenting a term paper on a current topic in information systems</li> <li>○ Develop an ability to work cooperatively to develop a high quality information system</li> </ul>

### Grading Policy

<b>Weighting Scheme</b>	Project Proposal - 5%, Project Development - 70% Final Project - 25%.	90.0 - 100%     A 80.0 - 89.99%     B 70.0 - 79.99%     C 60.0 - 69.99%     D Below 60%     F
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## Projects

- All code and files required for the projects must be submitted in electronic form via Canvas.
- There will be one semester-long project, to be completed in teams.
- In addition to the programming project, each team will give in-class presentations demonstrating their project.
- To pass this course, each team must submit all assignments/projects and deliver a functioning product.
- Slack will be used for project management at <https://capstone-uttyler.slack.com>
- **No late submissions will be accepted.**

## Course Policies

- Assignments should be turned in no later than the deadline. Turn in what is completed by the deadline for partial credit. **No late submissions will be accepted.**
- **Any indication of cheating and/or plagiarism on a(n) assignment/project will be an automatic 0 (zero) for the assignment/project for all students involved. Solutions copied from the internet, instructor's manual, etc. will also be given zero credit.** If you have questions about the line between assistance and cheating, discuss it with the instructor. For examples of Scholastic Dishonesty, please visit Section 8-802 of the [Manual of Policy and Procedures](#).

## Attendance and Participation

- Each student is expected to participate by making regular forum posts on the discussion board under Canvas, either asking a question or responding to an existing topic.
- Regular course attendance is mandatory.

## Information for Classrooms and Laboratories

- Students are expected to wear face masks covering their nose and mouth in public settings (including classrooms and laboratories). The UT Tyler community of Patriots views adoption of these practices consistent with its [Honor Code](#) and a sign of good citizenship and respectful care of fellow classmates, faculty, and staff.
- Students who are feeling ill or experiencing symptoms such as sneezing, coughing, digestive issues (e.g. nausea, diarrhea), or a higher than normal temperature should stay at home and are encouraged to use the [UT Tyler COVID-19 Information and Procedures](#) website to review protocols, check symptoms, and report possible exposure. Students needing additional accommodations may contact the Office of Student Accessibility and Resources at University Center 3150, or call (903) 566-7079 or email [saroffice@uttyler.edu](mailto:saroffice@uttyler.edu).