

Course Description

For *COSC 4375 – Information Systems Design Project*:

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. Prerequisites: GENB 3301 or COSC 3315, COSC 1337/1137 and COSC 3385.

For *CSCI 4385 – Information Technology Capstone*:

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. Prerequisites: COSC 3315, COSC 3375 and COSC 3385.

For *COSC 4395 – Capstone Project*:

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.

Prerequisites: COSC 3315, COSC 3325, COSC 4315, COSC 4336, COSC 4360 and COSC 4385.

Course Objectives

- Learn and apply a systematic process for information system development
- Develop the ability to use the latest tools and techniques to develop information systems
- Create appropriate documents for requirements, functional design, implementation and user training
- Develop an understanding of the current state of the art by preparing and presenting a term paper on a current topic in information systems
- Develop an ability to work cooperatively to develop a high-quality information system

Class Time—M/W 4:05-5:30. COB 211

Instructor Information

Dr. David Michael Hull, Assistant Professor, Computer Science Dept., COB 315.06

dhul@uttyler.edu; Office Hours: M/W/F 11:15 – 12:15.

Textbook Information—None

Grading policy

Weighting scheme	A. Project Proposal - 5%,	90.0 - 100% A
	B. Project Development - 70%,	80.0 - 89.99% B
	C. Assessment of a peer project - 25%.	70.0 - 79.99% C
		60.0 - 69.99% D
Rules		Below 60% F
	There are two necessary conditions for passing this class:	
	1. Timely submission of the projects and the assessment and	

Course Policies

1. 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.**
2. **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.

Important Covid-19 Information for Classrooms and Laboratories

1. Students are required to wear face masks covering their nose and mouth, and follow social distancing guidelines, at all times in public settings (including classrooms and laboratories), as specified by Procedures for Fall 2020 Return to Normal Operations. 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.
2. Students who are feeling ill or experiencing symptoms such as sneezing, coughing, or a higher-than-normal temperature will be excused from class and should stay at home and may join the class remotely. Students who have difficulty adhering to the Covid-19 safety policies for health reasons are also encouraged to join the class remotely. 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.

Recording of Class Sessions

Class sessions may be recorded by the instructor for use by students enrolled in this course. Recordings that contain personally identifiable information or other information subject to FERPA shall not be shared with individuals not enrolled in this course unless appropriate consent is obtained from all relevant students. Class recordings are reserved only for the use of students enrolled in the course and only for educational purposes. Course recordings should not be shared outside of the course in any form without express permission.