



COSC 4375, CSCI 4385, COSC 4395 CAPSTONE

Fall 2019

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

COSC 4395

Dr. Leonard Brown

| (903) 566-7403 | lbrown@uttyler.edu |

| Office: COB 315.03 |

| Office Hours: M/W11:00AM-12:30PM |

COSC 4375 and CSCI 4385

Dr. Lidong Wu

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| Office: COB 315.12 |

| Office Hours: M/W/F10:00AM-11:00AM ||

General Course Information

Required Textbook	No textbook.
Course Description	<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. Prerequisites: GENB 3301 or COSC 3315, COSC 1337/1137 and COSC 3385.</p> <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. Prerequisites: 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. Prerequisites: COSC 3315, COSC 3325, COSC 4315, COSC 4336, COSC 4360 and COSC 4385.</p>
Course Objective	<ul style="list-style-type: none"> ○ 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

Grading Policy

Weighting Scheme	Project Proposal - 5%, Project Development (four parts) - 70%, Final Presentation - 25%.	90.0 - 100% A 80.0 - 89.99% B 70.0 - 79.99% C 60.0 - 69.99% D Below 60% F
	Each unexcused absence -3 Each class a student is 5 or more minutes late -1	
Rules	There are two necessary conditions for passing this class: 1) Submission of all Assignments and Projects, and 2) Delivering a functioning product	

Schedule

Tentative Course Schedules	Week	Dates	Lecture Topics	Assignments
	1	8/26-28	Overview of Capstone	
	2	9/4	5-minute pitch	9/4: Project Proposal due (individual assignment)
	3	9/9-11	Project team formation; Overview: Project Phase I: Plan	
	4	9/16-18	Preparation: Project Phase I: Plan	
	5	9/23-25	Report: Project Phase I: Planning	9/25: Project Phase I due (group assignment) Peer Evaluation 1 due (individual assignment)
	6	9/30-10/2	Overview and Preparation: Project Phase II: Design	
	7	10/7-9	Report: Project Phase II: Design	10/9: Project Phase II due (group assignment) Peer Evaluation 2 due (individual assignment)
	8	10/14-16	Overview and Preparation: Project Phase III: Implementation	
	9	10/21-23	Report: Project Phase III: Implementation 1	10/23: Project Phase III-1st due (group assignment) Peer Evaluation 3 due (individual assignment)
	10	10/28-30	Preparation: Project Phase III: Implementation	
	11	11/4-6	Report: Project Phase III: Implementation 2	11/6: Project Phase III-2nd due (group assignment) Peer Evaluation 4 due (individual assignment)
	12	11/11-13	Overview and Preparation: Project Phase IV: Maintenance	
	13	11/18-20	Report: Project Phase IV: Maintenance	11/20: Project Phase IV due (group assignment) Peer Evaluation 5 due (individual assignment)
	14	11/25-27	Fall Break	
15	12/2-4	Final Project Presentation	12/4: Final Report due (group assignment) Peer Evaluation 6 due (individual assignment)	

***Note that the schedule is subject to change as the course progresses.**

UT Tyler Honor Code

Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do.

Students Rights and Responsibilities

To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link: <http://www.uttyler.edu/wellness/rightsresponsibilities.php>

Campus Carry

We respect the rights and privacy of students 21 and over who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at <http://www.uttyler.edu/about/campus-carry/index.php>

Grade Replacement/Forgiveness

If you are repeating this course for a grade replacement, you must file an intent to receive grade forgiveness with the registrar by the 12th day of class. Failure to do so will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates will receive grade forgiveness (grade replacement) for only three course repeats; graduates, for two course repeats during his/her career at UT Tyler.

State-Mandated Course Drop Policy

Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the 12th day of class (See Schedule of Classes for the specific date). Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Registrar's Office and must be accompanied by documentation of the extenuating circumstances. Please contact the Registrar's Office if you have any questions.

Disability Services

If you have a disability, including a learning disability, for which you request disability support services/accommodations, please contact Ida MacDonald in the Disability Services office in UC.3150, or call (903) 566-7079. In accordance with federal law, a student requesting disability services/accommodation(s) must provide appropriate documentation of his/her disability to the Disability Services counselor. More information may be obtained at <http://www.uttyler.edu/disabilityservices>

Student Absence due to Religious Observance

Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester.

Student Absence for University-Sponsored Events and Activities

If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time, the instructor will set a date and time when make-up assignments will be completed.

Social Security and FERPA Statement

It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

UT Tyler a Tobacco-Free University

All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors. Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products. There are several cessation programs available to students looking to quit smoking, including counseling, quitlines, and group support. For more information on cessation programs please visit www.uttyler.edu/tobacco-free

Emergency Exits and Evacuation

Everyone is required to exit the building when a fire alarm goes off. Follow your instructor's directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do NOT re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.