

COUESE SYLLABUS

Fall 2021

Independent Study

COSC 4399.001

Hybrid Synchronous Class (Weekly or as needed Zoom Meeting)

Instructor: Arun Kulkarni, Ph.D. Professor of Computer Science

Office: COB 315.07

Office Hours Via Zoom: : T-Th 11:30 AM-1:00 PM

Email: akulkarni@uttyler.edu

Independent study in specific areas of computer science not covered by organized undergraduate courses. A maximum of six credit hours for independent study courses may be applied toward an undergraduate degree. This course will includes topics such as Deep Learning with Convolution Neural Networks.

Prerequisite: Consent of department chair.

Topic	Hours
Machine Learning Overview	6
Convolution Neural Networks	6
MATLAB Programming	6
Image Processing	6
Software Development and Testing	6
Literature Survey	6
Report Writing and Presentation	6

Schedule:

Assignments	Due by	Points
Proposal	August 31, 2021	50 %
Progress Report-1	September 30, 201	
Progress Report-2	October 31, 2021	
Final Report	December 2, 2021	50 %

Score	Grade
89-100	A
80-89	B
70-79	C
60-69	D
0-59	F

Academic Dishonesty: You are expected to do your own work. You may assist each other with general concepts, but direct assistance with a particular assignment or any attempts to gain an unfair academic advantage will not be tolerated. Cheating is considered a serious academic offense both by the department and the University. It may result in a failing grade from this course for all parties involved. The instructor reserves the right to ask you to explain any assignment that you turn in to judge if the work is yours.

Disabilities: If you have a disability, including a learning disability, for which you request an accommodation, please contact the Student Services Center located in the University Center, Room 282. The telephone number is 566-7079 (TDD 565-5579) so that the appropriate arrangements may be made.