CSCI 6390 Master's Project I
Spring 2014

Instructor: Xiang Lian
Office: ENGR 3.275
Web: http://faculty.utpa.edu/lianx/index.html
Email: lianx@utpa.edu
Prerequisite: Consent of instructor

Syllabus

Description

Specification, design, completion and documentation of a programming project employing current practice in computer science.

Learning Outcomes

- An ability to apply knowledge of computing and mathematics appropriate to the discipline
- An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution
- An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs
- Recognition of the need for and an ability to engage in continuing professional development
- An ability to use current techniques, skills, and tools necessary for computing practice
- An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices
- An ability to apply design and development principles in the construction of software systems of varying complexity

Disclaimer

The instructor reserves the right to alter this syllabus as necessary.