

CSCI 6390 Master's Project I

Spring 2014

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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
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Disclaimer

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