

IS 4880: IS Capstone Project

3 Credit Hours

Prerequisite: IS 3020, IS 3280, and IS 3060, 60 credit hours with a minimum GPA of 2.0, and Admission to the Coles College Undergraduate Professional Program or student in a Coles College Partner Program that includes this course.

Concurrent: IS 3220 and IS 3040

This course is the capstone course in the IS curriculum. In this course the students will apply the concepts learned in earlier courses to develop Information Systems projects.

IT 1113: Introduction to Programming

3 Credit Hours

This course covers the fundamentals of computer programming. Concepts of counters, accumulators, decision-making, looping, subroutines, arrays, files, and string processing are covered. A programming language is used for assignments.

IT 1114: Programming Principles

3 Credit Hours

Concurrent: IT 1114L

This course provides an introduction to object-oriented programming. Upon completion of this course, the student will design, code, debug, document and apply the basic concepts of structured programming. This will include basic syntax and semantics for sequence, conditional, and iteration control structures, design & use of functions, and single dimensional arrays. The student will be able to solve problems by designing and modularizing their solutions with proper use of functions and objects.

IT 1114L: Programming Principles Lab

1 Credit Hours

Concurrent: IT 1114

This course provides lab activities to accompany IT 1114. Upon completion of this course, the student will design, code, debug, document and apply the basic concepts of structured programming. This will include basic syntax and semantics for sequence, conditional, and iteration control structures, (design & use of functions) as well as single dimensional arrays. The student will be able to solve problems by designing and modularizing their solutions with proper use of functions and usage of objects.

IT 2290: Special Topics

1-4 Credit Hours

Prerequisite: IT 1113 & permission from Department

The course covers special topics at the intermediate level that are not in the regular course offerings.