FLCC Course Syllabus

General Information

Date
09/13/2016

Department
Computing Sciences

Course Prefix:
CSC

Course Number:
115

Course Title:
CS1: Introduction To Programming And Computational Thinking

Course Information

Credit Hours
3

Lecture Contact Hours
3

Laboratory Contact Hours
1

Catalog Description
CS1: Introduction to Programming and Computational Thinking serves as a first course for all computer-related majors. This course is for beginning programmers, and is the first course in a sequence of three programming courses. The course emphasizes the development of languages and software, problem-solving, and programming in a structured, object-oriented language. The Java programming language is used throughout the course.

Prerequisites
MAT-095

Grading Scheme
Letter Grade

FLCC Values

College Learning Outcomes Addressed by the Course

Inquiry
Perseverance

Course Learning Outcomes
Course Learning Outcomes

1: Construct fundamental computer algorithms to solve simple problems
2: Create basic computer programs using the formal syntax from a high-level, object-oriented programming language
3: Translate foundational algorithms into simple technical computer program solutions

Program Affiliation

This course is required as a core program course in the following program(s)

AS Computer Science
AS Information Systems
AAS E-Commerce
AS Game Programming and Design
AAS Information Technology
Applied Computer Applications Certificate
AS Liberal Arts and Sciences: Mathematics Track

Outline of Topics Covered

Outline of Topics Covered in Course

CSC115TopicsOutline.docx