Course Outcome Summary

MONROE COUNTY COMMUNITY COLLEGE

Required Program Core Course

CIS135 – Scripting Language Programming

Course Information

Division	**Business**
Contact Hours	**3**
Total Credits	**3**

Co-requisites   **MATH 124 or higher or qualifying score on accepted placement test.**

Course Description

This course provides an introduction to the design and development of a computer program using a scripting programming language. Students will work with an integrated development environment to create a program to solve a specific problem. This course will provide an overview to the wide variety of programs that can be created when using a scripting programming language.

This course is a required core course for students pursuing an Associate of Applied Science in Cybersecurity and Information Assurance, System Administration Specialist, and Accounting/CIS

Program Outcomes Addressed by this Course:
Upon successful completion of this course, students should be able to meet the program outcomes listed below:
- A. Demonstrate and utilize necessary technical knowledge and skills both in breadth and depth, to pursue the practice or advanced study of computer science.
- B. Understand the importance of life-long learning, and be prepared to learn and understand new technological developments in their field.
- C. Understand the ethical and technical context of their computer science contributions and their obligations therein.

Course Outcomes

In order to evidence success in this course, the students will be able to:

1. Create a fully functioning program that solves a specific problem utilizing variables.
    Program Outcome Addressed:
    A. Demonstrate and utilize necessary technical knowledge and skills both in breadth and depth, to pursue the practice or advanced study of computer science.

2. Create a fully functioning program that solves a specific problem utilizing conditional statements.
    Program Outcome Addressed:
    A. Demonstrate and utilize necessary technical knowledge and skills both in breadth and depth, to pursue the practice or advanced study of computer science.

3. Create a fully functioning program that solves a specific problem utilizing repetition statements.
    Program Outcome Addressed:
    A. Demonstrate and utilize necessary technical knowledge and skills both in breadth and depth, to pursue the practice or advanced study of computer science.

4. Create a fully functioning program that solves a specific problem utilizing functions.
    Program Outcome Addressed:
    A. Demonstrate and utilize necessary technical knowledge and skills both in breadth and depth, to pursue the practice or advanced study of computer science.

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5. Describe the importance of libraries and how they are utilized for creating programs.

Program Outcome Addressed:

A. Understand the importance of life-long learning, and be prepared to learn and understand new technological developments in their field

6. Create a fully functioning program that focuses on network connection while discussing the importance of information assurance and security.

Program Outcome Addressed:

A. Understand the ethical and technical context of their computer science contributions and their obligations therein.

Dated Updated:11/20/2023
By: Zackary Moore