Scripting and Programming - Applications – C867

Overview

In this undergraduate course students explore the various aspects of the C++ programming language by examining its syntax, the development environment, and tools and techniques to solve some real-world problems.

Competencies

▲ Introduction to Programming
The graduate applies fundamental programming concepts in a specific programming environment.

▲ Variables and Data Types
The graduate prepares code which declares, initializes, and assigns values to variables of appropriate types as part of the application development process.

▲ Control Structures
The graduate writes code that implements decision and loop constructs to control the flow of a program.

▲ Arrays
The graduate creates arrays in order to solve complex problems.

▲ Pointers and Memory
The graduate applies pointers to solve complex problems.

▲ Functions
The graduate writes code that creates and manipulates functions and files.

▲ Object-oriented Paradigm
The graduate applies object-oriented programming concepts in order to create a basic application.

Learning

Getting Started
Welcome to Scripting & Programming Applications. This course allows students to explore various aspects of the C++ programming language by examining its syntax, the development environment, and how to solve real-world problems.
This course employs learning resources that contain all the necessary reading materials, videos, and knowledge checks needed to prepare you for the course assessment. For the best understanding of the course content, complete each lesson. To help you track your progress, we suggest you follow the pacing guide identified at the beginning of the course.

Your competence will be demonstrated by the successful completion of a performance assessment. Select the "Go to Course Material" button to begin.

Assessments

Performance Assessment: Scripting and Programming - Applications

Status: Not Attempted
Code: FPP1

Course Instructor

Course Instructor Group

cmprogramming@wgu.edu

Announcements

Course Tips

Course Search

Course Chatter