

GEORGIA COLLEGE & STATE UNIVERSITY COURSE SYLLABUS

Program Development

Semester:	Fall	Year:	2018
Course Title:	Program Development	Course #:	MMIS 6391
Instructor:	Dr. Bryan Marshall	Office:	Online
E-Mail:	bryan.marshall@gcsu.edu	Office Hours:	
Phone:	478-445-2137		
Class Time:	T 5:30 – 8:15 pm		
Classroom:	Online		

Catalog Description

This course gives the student the opportunity to apply a modern software language or program development tool to end-user problems. The student will acquire a working knowledge of an advanced programming language or program development tool.

Course Outcomes

Each student will:

1. Demonstrate a working knowledge of HTML and CSS
2. Understand the role of good design in the development of business applications.
3. Understand the Program Development Life Cycle (PDLC).
4. Demonstrate the use of constants, literals, and variables in programming.
5. Understand the importance of good practices in code development.
6. Understand and demonstrate the fundamentals of control structures.
7. Understand and demonstrate the fundamentals of arithmetic operators and input/output.

Grading (1000 pts)

A	900 – 1000 pts
B	800 – 899 pts
C	700 – 799 pts
D	600 – 699 pts
F	Less than 599

Assignments (5 x 100)	500 points
Quizzes (6 x 25)	150 points
Assignment 6	250 points
Assignment 6 Presentation	50 points

Desire2Learn

The class assignments/grades are managed through D2L.

ALL OF YOUR ASSIGNMENTS WILL BE UPLOADED AND GRADED ON D2L!!!

Common Syllabus Requirements

All common statements for this syllabus are found at

<http://www.gcsu.edu/business/docs/GCRequiredSyllabusStatements.docx>

Required Purchase

GC Codec – (\$9.99)

This is just a tentative course schedule – deviations may be necessary.

Date	Topic Covered	Assignment Due Date	Quizzes / Exams
8/21	Lecture 1: Scrum Project Management, Web Hosting, and Text Editors		
8/28			Quiz 1 – Scrum
9/4	Lecture 2: HTML, CSS, and Web Forms		
9/11		Assign 1: Web Forms and Scrum	
9/18	Lecture 3: PHP Basics and Arrays		
9/25		Assign 2: PHP Page and Arrays	Quiz 2 – PHP Basics and Arrays
10/2	Lecture 4: Decision Structures		
10/9		Assign 3: Decision Structures	Quiz 3 – PHP Decisions
10/16	Lecture 5: If Statements and Functions		
10/23		Assign 4: Functions	Quiz 4 – Functions
10/30	Lecture 6: Repetition Structures		
11/6		Assign 5: Repetition Structures	Quiz 5 – Repetition Structures
11/13	Lecture 7: Databases		
11/20			
11/27	Lecture 8: CRUD		
12/4			Quiz 6 – Databases
12/11	Assignment 6 (250 points) and Assignment 6 Presentation (50 points)		