SECTION HEADING

CSCI 1110: Concepts of Coding

Description

Concepts of Coding exposes the student to computer science foundation logic within a friendly, game-like, coding environment, using JavaScript to generate immediate interactive results.

Credits

2

Topics to be Covered

1. Basic programming

2. Drawing basics

3. Coloring

4. Variables

5. Animation basics

6. Text

7. Functions

8. Logic and If Statements

9. Looping

10. Arrays

11. Objects

12. Object-oriented design

Learning Outcomes

1. Communicate, from a distance, with instructor, mentor, tutors and peers as part of the class team.

2. Describe the fundamentals of programming logic.

3. Interact with the JavaScript language in a friendly, game-like, coding environment.

4. Explain immediate interactive results.

5. Troubleshoot and correct inaccurate results.

Credit Details

Lecture: 2

Lab: 0

OJT: 0