### COURSE DESCRIPTION: Prerequisites: CSC 121, CSC 151, CSC 153, or CTI 110

### Getting to know the lab environment

### II.Writing Our First App

### A.The xCode Playground

### B.Variables and Constants

### III.An Introduction to Swift (up to Classes and Structures)

### A.A Simple User Interface

### B.Decision Structures

### C.Loops

### D.Functions

### E.Classes, Structures, and Arrays

### IV.User InteractionsA.Text Editing

### B.Number formatters

### C.Delegation

### V.Advanced UI Interactions – View ControllersA.Setting Up View Controllers

### B.TabBarController

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### C.Loaded and Appearing Views

### D.Interacting with View Controllers

### VI.More about SwiftA.Enumerations and Switch

### B.Using Apple Documentation

### C.Two page Apps, and UINav

### VII.Graphics and CameraA.Displaying images

### B.Animation Effects with Images

### C.Saving an Image

### VIII.Final Project