SECTION HEADING

CSCI 2200: Visual Basic Programming

Description

Visual Basic Programming covers user interface applications through programing in Visual Basic. Topics covered are arithmetic statements, conditional statements, looping structures, data structures, sequential files, random files, design and graphics. Uses DDE, Dynamic Data Exchange, as a way of sharing electronic data between Windows applications and emphasizes problem solving using an OOED, Object-Oriented Event-Driven, approach.

Credits

4

Prerequisite

CSCI 1102

Topics to be Covered

1. Designing an application

2. Working with Controls

3. Setting properties

4. Applications with multiple forms

5. Using color, menus, data control

6. Sequence, selection and repetition in coding

7. Building an application

8. Creating the interface

9. Writing code, testing and debugging

10. Working with the Debug Window

11. Applications with drag-and-drop functionality

12. Sorting and arrays

Learning Outcomes

1. Employ various controls and code events to those controls.

2. Use sequential programming structures.

3. Use the repetition structure in code.

4. Program using decision structures.

5. Distinguish the difference and importance of variables and constants in a program.

6. Incorporate elements of all the other outcomes into one or more cohesive and comprehensive programs.

Credit Details

Lecture: 4

Lab: 0

OJT: 0