Course Information

Division: Business  
Contact Hours: 3  
Total Credits: 3

Prerequisites: CIS 150

Course Description
This course focuses on the development of computer applications (Apps) that feature controls and user interface elements required by today’s desktop environments. Students will utilize the C# language in an integrated development environment (IDE*), and other tools, to design, document, implement and test a variety of desktop apps.

This course is a required core course for students pursuing an AAS in App Development.

Program Outcomes Addressed by this Course:
Upon successful completion of this course, students should be able to meet the program outcomes listed below:

A. Graduates of the App Development Program will have the necessary technical knowledge and skills both in breadth and depth, to pursue the practice or advanced study of app development.
B. Graduates of the App Development Program will understand the importance of life-long learning, and be prepared to learn and understand new technological developments in their field.
C. Graduates of the App Development Program will develop the communication, teamwork, and leadership skills necessary to function productively and professionally.

Course Outcomes
In order to evidence success in this course, the students will be able to:

1. Demonstrate the use of an IDE to create and test a desktop app.  
   Applies to Program Outcome  
   A. Graduates of the App Development Program will have the necessary technical knowledge and skills both in breadth and depth, to pursue the practice or advanced study of app development.

2. Describe the advantages of using an IDE for App development.  
   Applies to Program Outcome  
   B. Graduates of the App Development Program will understand the importance of life-long learning, and be prepared to learn and understand new technological developments in their field.

3. Develop communication and teamwork skills by working in groups to create a desktop App for a client.  
   Applies to Program Outcome  
   C. Graduates of the App Development Program will develop the communication, teamwork, and leadership skills necessary to function productively and professionally.