

# COMPUTER INFORMATION TECHNOLOGY

## COMPUTER INFORMATION TECHNOLOGY WEB DEVELOPER CERTIFICATE DEGREE PLAN

This certificate option is designed to provide students with basic and advanced skills and knowledge in web development and design. Graduates will be qualified to work as Entry Level Programmer in a technical programming environment. Students pursuing this certificate must meet course prerequisites. Basic understanding of personal computer and operating systems as obtained in COSC 1301 or equivalent.

A Certificate of Completion provides students practical skills designed for immediate employment.

### FRESHMAN - FALL

| COURSE SECTION          | COURSE TITLE                        | CREDIT HOURS |
|-------------------------|-------------------------------------|--------------|
| COSC 1436               | Programming Fundamentals I          | 4            |
| ITSE 2313               | Web Authoring                       | 3            |
| ITSE 1301               | Web Design Tools                    | 3            |
| ITSE 1359               | Introduction to Scripting Languages | 3            |
| INEW 1340               | ASP.NET                             | 3            |
| Fall Total Credit Hours |                                     | 16           |

### FRESHMAN - SPRING

| COURSE SECTION             | COURSE TITLE                    | CREDIT HOURS |
|----------------------------|---------------------------------|--------------|
| COSC 1437                  | Programming Fundamentals II     | 4            |
| ITSE 1307                  | Intro to C++ Programing         | 3            |
| ITSE 2302                  | Intermediate Web Programming    | 3            |
| ITSE 1306                  | PHP Programming Language        | 3            |
| ITSE 1333                  | Mobile Applications Development | 3            |
| Spring Total Credit Hours  |                                 | 16           |
| Program Total Credit Hours |                                 |              |