

WEB PROGRAMMER, CERTIFICATE

The **Web Programmer certificate** requires 31 credits in the courses listed below.

For more information about Computer and Information Science, please visit the program page (<http://www.cod.edu/cis/>).

Certificate Requirements

Field of Study Code: CIS.CER.WEBPRG

| Code | Title | Credits |
|----------------------|--|-----------|
| CIS 1120 | The Internet | 2 |
| CIS 1130 | Windows Basics | 2 |
| CIS 1150 | Understand Computers/Information/ Systems | 3 |
| CIS 1180 | Data Communication & Networking | 3 |
| CIS 1300 | Web Design Software | 3 |
| CIS 1310 | HTML and CSS | 3 |
| CIS 1400 | Programming Logic and Technique | 4 |
| CIS 2320 | JavaScript Programming | 4 |
| CIS 2571 | Introduction to Java | 4 |
| CIS 2572 | Collections in Java | 4 |
| Total Credits | | 32 |