Web Development & Design

Develop & design your future!

Ready to use your creative and technical skills to help companies succeed? The Web Development & Design program will prepare you to develop interactive, dynamic, and responsive websites. The program teaches how to create effective visual designs that are easy to understand, navigate and use, and adhere to brand standards and specifications. Completing the program will prepare students for positions as web technicians, web designers, web marketers or e-commerce managers.

This program prepares students for the following certification(s):
- Apple App Development with Swift Certification Level 1
- Linux Essentials
- Microsoft Technology Associate (MTA) Software Development

To Enroll in our IT Programs

www.phoenixcollege.edu/iti

To Customize IT Training Solutions for Employees

Contact: Maria Reyes
Dean of Industry &
Public Service
pc-iti-info@phoenixcollege.edu

MARICOPA COMMUNITY COLLEGES | *Phoenix College* **IT INSTITUTE**

Web Development & Design

Certificates

CCL-5984: Web Foundations (21 Credits)

❑ CIS105 Survey of Computer Information Systems
❑ CIS133DA Internet/Web Development-Level I
❑ CIS120DF: Adobe Photoshop Level I
❑ CIS136: Content Management Systems: WordPress
❑ CIS166AA: Introduction to Javascripting
❑ CIS233DA: Internet/Web Development Level II
❑ CIS235: e-Commerce

CCL-5835N: Web Application Development (9-12 Credits)

❑ CIS105 Survey of Computer Information Systems
❑ CIS133DA Internet/Web Development-Level I
❑ CIS166AA: Introduction to Javascripting
❑ CIS233DA: Internet/Web Development Level II

CCL-5988: Web Development (39 Credits)

❑ The courses in CCL-5984
❑ CIS126DL: Linux Operating System
❑ CIS166AE: Web Scripting with PHP
❑ CIS276DA MySQL Database
❑ Select two of the following courses:
CIS150AB, CIS156 (Python), CIS159 (VB),
CIS162++ (C), CIS163AA (Java),
CIS165++ (Mobile Programming),
CIS262AD (C#Level 2), CIS263AA (Java Level 2),
or CIS265 (Adv. iOS App Dev.)
❑ CIS+++: Any CIS course in Databases,
Programming, OS, or Information Systems

Degree

Web Design/Development: AAS-3185
Required:

❑ CIS105 Survey of Computer Information Systems
❑ CIS133DA Internet/Web Development-Level I
❑ CIS120DF: Adobe Photoshop Level I
❑ CIS136: Content Management Systems: WordPress
❑ CIS166AA: Introduction to JavaScripting
❑ CIS233DA: Internet/Web Development Level II
❑ CIS235: e-Commerce

Restricted Electives (Web Development Only):

❑ CIS276DA: MySQL Database
❑ CIS126DL: Linux Operating System
❑ CIS166AE: Web Scripting with PHP:
Hypertext Preprocessor (PHP)
❑ CIS+++: Any CIS course in Databases,
Programming, OS, or Information Systems

Restricted Electives (Choose Two of the Following):

❑ CIS150AB: Obj.-Oriented Programming Fundamentals
❑ CIS156: Python Programming: Level I
❑ CIS159: Visual Basic Programming
❑ CIS162AD: C#: Level I
❑ CIS163AA: Java Programming: Level I
❑ CIS165++: Any Mobile App. Development Course
❑ CIS262AD: C# Level II
❑ CIS263AA: Java Programming: Level II
❑ CIS265: Advanced iOS Application Development

General Education:

❑ ENG101 or ENG107 ❑ ENG102 or ENG108
❑ COM100, 110, 225, or 230 ❑ CRE101 (0-3 credits)
❑ MAT140 or Higher (3-5 credits) ❑ Any HU Class
❑ Any SB Class ❑ Any SG or SQ Science (4 credits)

Where should I start if I am new to IT?

❑ CIS105 Survey of Computer Info. Systems
❑ CIS133DA: Web Development-Level I

Notes:

1. These programs are effective Spring 2020.
2. All Classes are 3 credits unless otherwise noted.

Revised 4.27.20