

Effective: Spring 2016  
Last Updated: 1/14/16



# College of Applied Science and Technology

## COMPUTER INFORMATION SYSTEMS

### PROGRAMMING

### Certificate – 244203C

The following information has official approval of the **College of Applied Science & Technology**, but is intended only as a guide. Completion of this certificate is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.

This certificate may be earned independent of earning a degree.

The following courses constitute a “Certificate in Computer Information Systems - Programming” and must be completed with a minimum grade point average of 2.0 over-all for the certificate to be noted on the student’s record.

Course		Credit Hours	Prerequisites
2440:121	Introduction to Logic/Programming	3	*
2440:160	Java Programming	3	2440:121
2440:170	Visual Basic	3	2440:121
2440:256	C++ Programming	3	2440:121
2440:180	Intro to Database Mgmt	3	2440:121
<b>Total Credits for Certificate</b>		<b>15</b>	

### Students must achieve a “C” or better in their technical courses (2440/2600)

Students entering the Computer Information Systems certificate programs (Programming, Cisco Networking Technology, Database Development, and Webmaster) must pass department placement exams or complete the following bridge course prior to enrolling in the program.

#### **Bridge Course:**

2440:105 Introduction to Computers & Application Software

#### **PROGRAM CONTACT**

- Dr. Zarreen Farooqi ([zarreen@uakron.edu](mailto:zarreen@uakron.edu)), 330-972-8858
- Enoch Damson ([damson@uakron.edu](mailto:damson@uakron.edu)), 330-972-7162