

# COMPUTER INFORMATION TECHNOLOGY - ASSOCIATE DEVELOPER, CERTIFICATE OF ACHIEVEMENT (LEVEL II)

NMC Code 094

Students completing the CIT Assistant Developer Certificate may elect to continue their education and obtain a Level II Certificate. This program prepares students for careers as software and web developers using the latest industry technologies.

## Program Note

- Completion of this certificate may lead to an AAS degree in CIT-Developer by taking additional courses. See an advisor for details.

## Requirements

### Certificate Requirements

Course	Title	Credits
<b>Complete Level I Certificate Requirements</b>		<b>19</b>
<b>Level II Certification Requirements</b>		
CIT 218	Web Application Development	3
CIT 228	Advanced Database Systems	3
CIT 255	Object-Oriented Programming	3
<b>CIT Elective</b>		
Select one CIT elective		2-3
<b>Total Credits</b>		<b>30-31</b>

### CIT Electives

Course	Title	Credits
Any CIT course		2-3
MKT 208	Digital Marketing	2
VCA 125	Typography I	3
VCA 127	Digital Imaging	3
VCA 150	Digital Graphics Design I	3

## Course Sequence Guide

Course	Title	Credits
<b>Year 1</b>		
<b>Fall</b>		
CIT 110	Programming Logic and Design	3
CIT 178	Relational Databases	3
CIT 180	Web Development	3
<b>Credits</b>		<b>9</b>
<b>Spring</b>		
CIT 190	JavaScript Programming	3
CIT 195	Application Development	3
CIT 213	Networking Technologies	4
<b>Credits</b>		<b>10</b>

### Year 2

#### Fall

Select one of the following: 2-3

Any CIT course		
MKT 208	Digital Marketing	
VCA 125	Typography I	
VCA 127	Digital Imaging	
VCA 150	Digital Graphics Design I	
CIT 218	Web Application Development	3
CIT 255	Object-Oriented Programming	3

**Credits 8-9**

#### Spring

CIT 228	Advanced Database Systems	3
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**Credits 3**

**Total Credits 30-31**