



*Certificate of Achievement – Level II*  
**CIT Associate Developer (NMC Code 094)**

*Course Sequence Guide*  
 Effective Fall 2019 (Updated 3/2019)

YEAR 1 - FALL SEMESTER			Credits	Contacts	Grade	Comments
CIT	110	Programming Logic and Design	3	4		
CIT	178	Relational Databases	3	4		
CIT	180	HTML & CSS5 Programming	3	4		
<b>Total</b>			<b>9</b>	<b>12</b>		
YEAR 1 - SPRING SEMESTER			Credits	Contacts	Grade	Comments
CIT	190	JavaScript Programming	3	4		
CIT	195	Application Development	3	4		
CIT	213	Networking Technologies	4	5		
<b>Total</b>			<b>10</b>	<b>13</b>		
YEAR 2 - FALL SEMESTER			Credits	Contacts	Grade	Comments
CIT Elective		Choose from the following: <ul style="list-style-type: none"> <li>• Any CIT course</li> <li>• MKT 208 – Digital Marketing</li> <li>• VCA 125 – Typography I</li> <li>• VCA 127 – Digital Imaging</li> <li>• VCA 150 – Digital Graphics Design I</li> </ul>	2-3	2-3		
CIT	255	Object-Oriented Programming	3	4		
<b>Total</b>			<b>5-6</b>	<b>6-7</b>		
YEAR 2 - SPRING SEMESTER			Credits	Contacts	Grade	Comments
CIT	218	Web App Development	3	4		
CIT	228	Advanced Database Systems	3	4		
<b>Total</b>			<b>6</b>	<b>8</b>		
<b>Program Total</b>			<b>30-31</b>	<b>39-40</b>		

**Program Notes:**

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