

# COMPUTER INFORMATION TECHNOLOGY - DEVELOPER, ASSOCIATE IN APPLIED SCIENCE DEGREE

## 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
ENG 111	English Composition	4
Math Competency <sup>1</sup>		
<b>Credits</b>		<b>13</b>
<b>Spring</b>		
CIT 190	JavaScript Programming	3
CIT 195	Application Development	3
CIT 213	Networking Technologies <sup>2</sup>	4
CIT 228	Advanced Database Systems	3
ENG 112 or ENG 220	English Composition or Technical Writing	3-4
<b>Credits</b>		<b>16-17</b>
<b>Year 2</b>		
<b>Fall</b>		
Select two of the following Specialty Electives:		5-6
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
Select one of the following Directed Electives:		3-4
ACC 121	Accounting Principles I	
BUS 155	Interpersonal Communications	
BUS 231	Professional Communications	
COM 111	Public Speaking	
Science with lab (see Gen Ed requirements) <sup>2</sup>		4
<b>Credits</b>		<b>18-20</b>
<b>Spring</b>		
CIT 280	Systems Analysis and Design	4
CIT 290	CIT Internship <sup>3</sup>	3
PHL 105 or PHL 202	Critical Thinking or Contemporary Ethical Dilemmas	3
Social Science (see Gen Ed Requirements) <sup>2</sup>		3
<b>Credits</b>		<b>13</b>
<b>Total Credits</b>		<b>60-63</b>

<sup>1</sup> Placement into MTH 121 College Algebra or higher, or completion of MTH 111 Intermediate Algebra. The four credits of MTH 111 Intermediate Algebra do *not* count toward total CIT program credits.

<sup>2</sup> Certiport Information Technology Specialist certification exam included.

<sup>3</sup> Students planning to take the internship class require department approval and are required to have a GPA of 3.0 in their CIT classes. It is also recommended that students have 20 credits in CIT classes and an overall GPA of 2.0. *While a 3.0 GPA in CIT classes is required for this internship, an alternative, campus-based internship opportunity is available for students who do not meet this requirement.*