



Associate in Applied Science Degree (AAS)

CIT Developer (NMC Code 108)

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 and CSS Programming	3	4		
ENG	111	English Composition	4	4		
MTH		Placement into MTH 121 or higher, or completion of MTH 111. The four credits of MTH 111 do <i>not</i> count toward total CIT program credits.	(4)	(4)		
Total			13	16		
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		
CIT	228	Advanced Database Systems	3	4		
ENG	112 220	English Composition II, OR Technical Writing	3-4	3-4		
Total			16-17	20-21		
YEAR 2 - FALL SEMESTER			Credits	Contacts	Grade	Comments
Occupational Specialty Electives		Choose two of the following: <ul style="list-style-type: none"> • Any CIT course • MKT 208 – Digital Marketing • VCA 125 – Typography I • VCA 127 – Digital Imaging • VCA 150 – Digital Graphics Design I 	5-6	5-6		
CIT	255	Object-Oriented Programming	3	4		
Directed Electives		Choose one of the following: <ul style="list-style-type: none"> • ACC 121 – Accounting Principles I • BUS 155 – Interpersonal Communication • BUS 231 – Professional Communication • COM 111 – Public Speaking 	3-4	3-4		
Science		Science with Lab (see Gen Ed req's)*	4	5		
Total			15-17	17-19		
YEAR 2 - SPRING SEMESTER			Credits	Contacts	Grade	Comments
CIT	218	Web App Development	3	4		
CIT	280	Systems Analysis & Design	4	5		
CIT	290	Internship *	3	3		
PHL	105 202	Critical Thinking, OR Contemporary Ethical Dilemmas	3	3		
Social Science		Social Science (see Gen Ed req's)	3	3		
Total			16	18		
Program Total:			60-63	71-74		

Program Notes:

1. Some CIT courses include industry certification exams. See the current course descriptions.
2. Some advanced CIT courses require students to bring their own Windows computer. See course descriptions.
3. Transfer students should consult with their university advisor about the best choice of electives.

Footnotes:

* A 3.0 GPA in CIT classes is required for the internship (with 20 CIT credits, an overall GPA of 2.5, and department approval). However, an alternative, campus-based internship opportunity is available for students who do not meet this requirement.