Computer Programming and Database Management

Center for Innovative Technologies Division

2015-2016 Curriculum

Note: All degree seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
ENG-101	English Composition 1		3	0	**3**
IT-100	Computer Programming Foundations		2	3	**3**
IT-105	Information Technology Concepts		2	3	**3**
IT-110	HTML with CSS and JavaScript		3	3	**4**
					13
Semester 2					
BPA-130	Business Systems Analysis and Design	See Catalog	2	3	**3**
IT-101	.NET Programming 1	See Catalog	2	3	**3**
IT-111	Database Design and SQL	See Catalog	3	3	**4**
XXX-XXX	Humanities/Social Sciences Elective		3	0	**3**
					13
Semester 3					
COMM-1XX	Communications Elective		3	0	**3**
CPDM-151	ASP.NET C# 1	IT 101, IT 110, IT 111	2	3	**3**
CPDM-190	Preparation for CPDM Cooperative Education	IT 101, IT 105, IT 110, & IT 111	1	0	**1**
ECO-1XX	Economics Elective		3	0	**3**
IT-102	.NET Programming 2	IT 101	3	3	**4**
					14
Semester 4					
CPDM-291	Full-Time Cooperative Education 1: CPDM	CPDM 190	1	40	**2**
IT-140	PHP and MySQL	IT 101, IT 110, IT 111	3	3	**4**
					6
Semester 5					
CPDM-152	ASP.NET C# 2	CPDM 151	2	3	**3**
ENG-10X	English Composition Elective		3	0	**3**
IT-220	Emerging Topics in Comp Software Developme	IT 101, IT 110, IT 111	2	3	**3**
MAT-XXX	Mathematics Elective		2	2	**3**
					12
Semester 6					
CPDM-290	CPDM Capstone Design Project	CPDM 152	3	3	**4**
CPDM-292	Full-Time Cooperative Education 2: CPDM	CPDM 291	1	40	**2**
					6
				Total	**64**

Communication Elective: COMM 105, COMM 110

Economics Elective: ECO 105 or ECO 110

English Composition Elective: ENG 102, ENG 103, ENG 104, ENG 105

Humanities/Social Sciences Elective: COMM 130, Any ART, CRJ, CULT, ECO, FRN, SPN, LIT, GEO, HST, LBR, MUS, PHI, POL, PSY, REL, SOC, THE

Mathematics Elective: MAT 125, MAT 130, MAT 131, MAT 150, MAT 151