

Computer Programming and Database Management

Center for Innovative Technologies Division

2014-2015 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		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 System 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 Dev	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, CULT, FRN, SPN, LIT, MUS, PHI, REL, THE, CRJ, GEO, HST, LBR, POL, PSY, SOC

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