

Computer Programming and Database Management

Center for Innovative Technologies Division

2016-2017 Curriculum

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
ENG-101	English Composition 1		3	0	3
FYE-1XX	First Year Experience Elective		1	0	1
IT-100	Computer Programming Foundations		2	3	3
IT-110	HTML with CSS and JavaScript		2	3	3
XXX-XXX	Arts/Humanities Elective		3	0	3
					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	2	3	3
MAT-XXX	Mathematics Elective	See Catalog	2	2	3
					12

Semester 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	See Catalog	3	0	3
IT-102	.NET Programming 2	IT 101	2	3	3
IT-112	Database Design and SQL 2	IT-111	2	3	3
					13

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	ENG 101	3	0	3
IT-161	Java Programming	IT 101	2	3	3
IT-220	Emerging Topics in Comp Software Development	IT 101, IT 110, IT 111	2	3	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					62

Arts/Humanities Elective: Any Transfer Module course from ART, LIT, MUS, PHI, REL, THE, or COMM 130

Economics Elective: ECO 105 or ECO 110

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

First Year Experience Elective: FYE 100, FYE 105, FYE 110

Mathematics Elective: MAT 121, MAT 125, MAT 131, MAT 151