Business Programming and Systems Analysis

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**
XXX-XXX	Arts/Humanities Elective		3	0	**3**
IT-110	HTML with CSS and JavaScript		2	2	**3**
					13
Semester 2					
BPA-130	Business System Analysis and Design	See Catalog	2	3	**3**
ECO-1XX	Economics Elective		3	0	**3**
CIT-190	Career Preparation		1	0	**1**
IT-101	.NET Programming 1		2	3	**3**
IT-111	Database Design and SQL		2	3	**3**
					13
Semester 3					
IT-102	.NET Programming 2	IT 101	2	3	**3**
IT-140	PHP and MySQL	IT 101, IT 110, IT 111	3	3	**4**
IT-161	Java Programming	IT 101	2	3	**3**
IT-210	System Design and Implementation	BPA 130	2	3	**3**
					13
Semester 4					
BPA-291	Full-Time Cooperative Education 1: BPA	CIT 190	1	40	**2**
XXX-XXX	Technical Elective 1		2	3	**3**
					5
Semester 5					
BPA-290	BPA Capstone	BPA 211, IT 161, and IT 210	3	3	**4**
ENG-10X	English Composition Elective	ENG 101	3	0	**3**
IT-162	Java Programming 2	IT 161	2	3	**3**
IT-220	Emerging Topics in Comp Software Dev	IT 101, IT 110, IT 111	2	3	**3**
MAT-XXX	Mathematics Elective	See Catalog	2	2	**3**
					16
Semester6					
BPA-292	Full-time Cooperative Education 2: BPA	BPA 291	1	40	**2**
XXX-XXX	Technical Elective 2		2	3	**3**
					5
				Total	**65**

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

Economics Elective: ECO 105, 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

Technical Electives: Take two courses from the following: BPA 230, BPA 240, BPA 211, BPA 212, CPDM 151, CPDM 152, IT 112, NETC 121, NETC 122

Students should consult with their advisor before registering for technical electives.