

Healthcare Programming and Analysis

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					
HIT-100	Language and Culture of Healthcare		3	0	3
IT-100	Computer Programming Foundations		2	3	3
IT-105	Information Technology Concepts		2	3	3
CIT-190	Career Preparation: Engineering and Information Technologies		1	0	1
ENG-101	English Composition 1		3	0	3
					13
Semester 2					
HIT-105	Information Technology Systems in Healthcare	HIT 100	3	0	3
BPA-130	Business Systems Analysis and Design	AFL 085 and AFM 095	2	3	3
ENG-10X	English Composition Elective	ENG 101	0	0	3
IT-101	.NET Programming 1	AFL 085 and AFM 090	2	3	3
IT-111	Database Design and SQL	AFL 085 and AFM 090	3	3	4
					16
Semester 3					
HIT-210	Healthcare Reimbursement	HIT 105	3	0	3
IT-102	.NET Programming 2	IT 101	3	3	4
XXX-XXX	Technical Elective	See Catalog	0	0	3
MCH-104	Comprehensive Medical Terminology	AFL 085	3	0	3
COMM-1XX	Communication Elective	See Catalog	0	0	3
					16
Semester 4					
HIT-291	Full-Time Cooperative Education 1: HIT	HIT 105, IT 111, BPA 130, CIT 190	1	40	2
ECO-1XX	Economics Elective	AFL 085 and AFM 090	0	0	3
					5
Semester 5					
HIT-215	Healthcare Programming	HIT 205	3	0	3
IT-210	System Design and Implementation	BPA 130	2	3	3
XXX-XXX	Technical Elective 2	See Catalog	0	0	4
XXX-XXX	Humanities/Social Sciences Elective	See Catalog	0	0	3
MAT-1XX	Mathematics Elective	See Catalog	0	0	3
					16
Semester 6					
HIT-220	Health Information Technology in the Continuum of Care	HIT 105	3	0	3
HIT-292	Full-Time Cooperative Education 2: HIT	HIT 291	1	40	2
					5
					Total
					71

Communication Elective: COMM 105, COMM 110

Economics Elective: ECO 105 or ECO 110

English Composition Elective: ENG 104, ENG 105

Humanities/Social Sciences Elective: COMM 130, Any ART, CRJ, CULT, 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