Healthcare Informatics

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		3	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**
MAT-131	Database Design and SQL	MAT 121, MAT 130, or MAT 150	2	2	**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-210	System Design and Implementation	HIT 105	2	3	**3**
MAT-132	Statistics 2	MAT 131	2	2	**3**
MCH-104	Comprehensive Medical Terminology	AFL 085	3	0	**3**
COMM-1XX	Communication Elective	See Catalog	0	0	**3**
					15
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-225	Data Mining	IT 112 and MAT 131	2	0	**3**
IT-220	Emerging Topics in Comp Software Development	IT 101, IT 110, IT 111	2	3	**3**
ENG-10X	English Composition Elective	ENG 101	0	0	**3**
XXX-XXX	Humanities/Social Sciences Elective	See Catalog	0	0	**3**
					12
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	**66**

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