

# Healthcare Programming and Analysis

*Center for Innovative Technologies Division*

2017-2018 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
HIT-100	Language and Culture of Healthcare		3	0	3
IT-100	Computer Programming Foundations		2	3	3
MAT-1XX	Mathematics Elective		2	2	3

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Semester 2					
BPA-130	Business Systems Analysis and Design		2	3	3
HIT-105	Information Technology Systems in Healthcare		3	0	3
IT-101	.NET Programming 1		2	3	3
IT-111	Database Design and SQL		2	3	3

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Semester 3					
ENG-10X	English Composition Elective		3	0	3
HIT-210	Healthcare Reimbursement		3	0	3
IT-102	.NET Programming 2		2	3	3
MCH-104	Comprehensive Medical Terminology		3	0	3

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Semester 4					
HIT-215	Healthcare Programming		3	0	3
HIT-XXX	HIT Experiential Education Elective		0	7	1
IT-110	HTML with CSS and JavaScript		2	3	3
IT-161	Java Programming 1		2	3	3
IT-210	System Design and Implementation		2	3	3

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Semester 5					
BPA-290	Business Programming Systems Analysis Capstone		3	3	4
IT-XXX	Information Technology Elective		2	3	3
PSY-110	Introduction to Psychology		3	0	3
XXX-XXX	Arts/Humanities Elective		3	0	3

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Total **63**

Arts/Humanities Elective: COMM 130, Any ART, LIT, MUS, PHI, REL, THE

English Composition Elective: ENG 104, ENG 105

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

Health Information Technology Experiential Education Elective: HIT 191, HIT 192, HIT 291, HIT 292, HIT 294

Information Technology Elective: BPA 230, HIT 220, IT 112, IT 140, IT 220. Program Chair approval required.

Mathematics Elective MAT 115, MAT 125, MAT 131, MAT 151