

HEALTHCARE BUSINESS INFORMATICS (A25510)
(To be offered Fall 2011 pending State Board approval)

The Healthcare Business Informatics curriculum prepares individuals for employment as specialists in installation, data management, data archiving/retrieval, system design and support, and computer training for medical information systems.

Students learn about the field through multidisciplinary coursework including the study of terminology relating to informatics, systems analysis, networking technology, computer/network security, data warehousing, archiving and retrieval of information, and healthcare computer infrastructure support.

Graduates should qualify for employment as database/data warehouse analysts, technical support professionals, informatics technology professionals, systems analysts, networking and security technicians, and computer maintenance professionals in the healthcare field.

COURSE REQUIREMENTS

				Work Exp/			
				Class	Lab	Clinical	Credit
A. General Education Courses							
1. Required Courses							
ENG	111	Expository Writing		3	0	0	3
ENG	112	Argument-Based Research		3	0	0	3
MAT	145	Analytical Mathematics		3	0	0	3
		Humanities/Fine Arts Elective*		3	0	0	3
		Social/Behavioral Sciences Elective*		3	0	0	3
B. Major Courses							
1. Core Courses							
<i>To receive a degree, diploma or certificate from RCC, a student must have a grade of "C" or better in all core courses for the program of study.</i>							
BUS	110	Introduction to Business		3	0	0	3
CIS	110	Introduction to Computers		2	2	0	3
CIS	115	Intro to Prog & Logic		2	3	0	3
CTS	120	Hardware/Software Support		2	3	0	3
DBA	110	Database Concepts		2	3	0	3
HBI	110	Issues and Trends in HBI		3	0	0	3
HBI	113	Survey of Med Insurance		3	0	0	3
HBI	250	Data Mgmt and Utilization		2	2	0	3
HBI	289	HBI Project		1	4	0	3
MED	121	Medical Terminology I		3	0	0	3
MED	122	Medical Terminology II		3	0	0	3
MED	118	Medical Law and Ethics		2	0	0	2
NET	125	Networking Basics		1	4	0	3
NOS	110	Operating System Concepts		2	3	0	3
SEC	110	Security Concepts		3	0	0	3

C. Other Major Courses						
NOS 120	Linux/UNIX Single User	2	2	0	3	
NOS 130	Windows Single User	2	2	0	3	
NOS 230	Windows Administration I	2	2	0	3	
D. Other Required Courses						
ACA 111	College Student Success	1	0	0	1	
Total Credit Hours						69

*Approved Electives are listed on the page before the Course Descriptions.

SEMESTER SCHEDULE HEALTHCARE BUSINSS INFORMATICS

			Class	Lab	Work Exp/ Clinical	Credit
First Year – Fall Semester						
ACA	111	College Student Success	1	0	0	1
BUS	110	Introduction to Business	3	0	0	3
CIS	110	Introduction to Computers	2	2	0	3
ENG	111	Expository Writing	3	0	0	3
MED	118	Medical Law and Ethics	2	0	0	2
NET	125	Networking Basics	1	4	0	3
NOS	110	Operating Systems Concepts	<u>2</u>	<u>3</u>	<u>0</u>	<u>3</u>
			14	9	0	18
First Year – Spring Semester						
DBA	110	Database Concepts	2	3	0	3
ENG	112	Argument-Based Research	3	0	0	3
HBI	110	Issues and Trends in HBI	3	0	0	3
HBI	113	Survey of Med Insurance	3	0	0	3
MAT	145	Analytical Mathematics	3	0	0	3
NOS	130	Windows Single User	<u>2</u>	<u>2</u>	<u>0</u>	<u>3</u>
			16	5	0	18
Second Year – Fall Semester						
CIS	115	Introduction to Prog & Logic	2	3	0	3
HBI	250	Data Mgmt and Utilization	2	2	0	3
MED	121	Medical Terminology I	3	0	0	3
NOS	120	Linux/UNIX Single User	2	2	0	3
NOS	230	Windows Administration I	2	2	0	3
SEC	110	Security Concepts	<u>3</u>	<u>0</u>	<u>0</u>	<u>3</u>

			14	9	0	18
Second Year – Spring Semester						
CTS	120	Hardware/Software Support	2	3	0	3
HBI	289	HBI Project	1	4	0	3
MED	122	Medical Terminology II	3	0	0	3
		Humanities/Fine Arts Elective	3	0	0	3
		Social/Behavioral Sciences Elective	<u>3</u>	<u>0</u>	<u>0</u>	<u>3</u>
			12	7	0	15
Total Credit Hours						69

*Approve by RCC Curriculum Committee 3/22/11
Effective Fall 2011*