

Fall 2018 – Spring 2019				
Developmental Studies: DRE 096-098, DMA 010-060				
Healthcare Business Informatics AAS (A25510)		<u>Pre-reqs</u>	Contact Hours	Credit Hours
FALL I				
CIS 110	Introduction to Computers	DRE 098 & DMA 010-040	4	3
MED 121	Medical Terminology I	DRE 098	3	3
HBI 110	Issues and Trends in HBI	None	3	3
HMT 110	Intro to Health Care Management	None	3	3
CTI 120	Networking and Security Foundation	None	4	3
SPRING I				
DBA 210	Database Administration	None	5	3
MED 122	Medical Terminology II	DRE 098	3	3
ENG 111	Expository Writing	DRE 098	3	3
NET 125	Networking Basics	Coreq: CIS 110	5	3
CTS 120	Hardware/Software Support	CIS 110 or CIS 111	5	3
SUMMER I				
COM	Communications Gen. Ed.	DRE 098	3	3
HUM/FA	Humanities/Fine Arts Gen. Ed.	Varies	5	3
HBI 113	Survey of Medical Insurance	None	3	3
FALL II				
NOS 110	Operating System Concepts	Pre-req: None Co-req: CIS 110 or CIS 111	5	3
DBA 120	Database Programming I	None	4	3
HBI 250	Data Management and Utilization	DBA 110	4	3
MAT 121	Algebra/Trigonometry I	DMA 010-060	4	3
Elective	HBI Major Elective	Varies	3	3
SPRING II				
OST 149	Medical Legal Issues	None	3	3
SOC/BHV	Social/Behavior Science Gen. Ed.	Varies	3	3
HBI 289	HBI Project	HBI 250	5	3
CIS 115	Intro to Programming and Logic	CIS 110	5	3
Elective	HBI Major Elective	Varies	3	3
Total Required Credits: 69				

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.

Electives	Select 6 credit hours from this picklist	<u>Pre-regs</u>	Contact Hours	Credit Hours
BUS 110	Introduction to Business	DRE 097	3	3
BUS 137	Principles of Management	DRE 098	3	3
CTS 115	Info Systems Business Management	None	3	3
CTS 130	Spreadsheet Concepts	CIS 110 or CIS 111	4	3
CTS 240	Project Management	CIS 110 or CIS 111	4	3
DBA 110	Database Concepts	CIS 110 or CIS 111	5	3
MKT 223	Customer Service	None	3	3
NET 126	Routing Basics	NET 125	5	3
NET 225	Advanced Router and Switching I	NET 126	5	3
NET 226	Advanced Router and Switching II	NET 225	5	3
SEC 110	Security Concepts	None	4	3
SEC 160	Security Administration I	SEC 110 and NET 110 OR SEC 110 and NET 125	4	3
TNE 255	Network Servers	CET 130	5	3