

# COMPUTER TECHNOLOGIES

## Healthcare Business Informatics

### Healthcare Business Informatics Degree - A25590HB

-Day and Evening

The HBI degree program is intended for computer system professionals who expect to work for a healthcare provider of any size; from large scale hospital systems to small practice offices.

A concentration in healthcare terminology and medical-legal issues is combined with specific courses in healthcare networking and database design. Any healthcare provider that uses computers to store and manage their patient information needs an IT professional that understands the confidentiality and business process concerns of the industry – this degree program is intended to produce those IT professionals.

Potential employers for graduates of this program could include the IT departments at Rex, Wake Med and Duke Hospitals, and any healthcare related industry partner, such as Blue Cross Blue Shield and other health insurance providers.

### Program Sequence

#### FIRST SEMESTER

CTI 110	Web, Pgm, & Db Foundation .....	3
CTI 120	Network & Sec Foundation .....	3
MAT 143	Quantitative Literacy .....	3
NOS 110	Operating System Concepts .....	3
OST 141	Med Terms I .....	3

#### SECOND SEMESTER

HBI 110	Issues and Trends in HBI .....	3
OST 142	Med Terms II .....	3
ENG 111	Writing and Inquiry .....	3
NET 110	Networking Concepts .....	3
DBA 110	Database Concepts .....	3

#### SUMMER SEMESTER

HBI 210	Intro to Health Info Net .....	3
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#### THIRD SEMESTER

HBI 113	Survey of Medical Insurance .....	3
HBI 250	Data Management and Utilization .....	3
CTS 135	Integrated Software Intro .....	4
ENG 114	Professional Research & Reporting .....	3
— —	HUM / FA Elective .....	3

#### FOURTH SEMESTER

CTS 118	IS Professional Comm .....	2
CTS 115	Info Sys Business Concept .....	3
CTS 120	Hardware / Software Support .....	3
OST 149	Medical Legal Issues .....	3
— —	Social and Behavioral Sciences Elec .....	3
CTS 288	Professional Practices in IT .....	3

#### GENERAL EDUCATION ELECTIVES

##### Humanities/Fine Arts Elective

(Select 3.0 hours from the following courses)

ART 111	Art Appreciation .....	3
HUM 115	Critical Thinking .....	3
MUS 110	Music Appreciation .....	3
PHI 240	Introduction to Ethics .....	3

##### Social/Behavioral Science Elective

(Select 3.0 hours from the following courses)

ECO 151	Survey of Economics .....	3
ECO 251	Principles of Microeconomics .....	3

POL 120	American Government .....	3
PSY 118	Interpersonal Psychology .....	3
PSY 150	General Psychology .....	3
SOC 210	Introduction to Sociology .....	3

**Graduation Requirements ..... 66 Credit Hours**