

HEALTHCARE INFORMATICS (HCIT)

HCIT-101 Health Information I

4 Credits

Lecture: 4 hours per week

Offering: Fall and Spring Only, All Years

This course is designed to introduce students to the roles and responsibilities found in the environment of health information management. Study will include methods of collecting and processing data in a variety of healthcare settings with a focus on accreditation and licensure guidelines; examine reimbursement and the correlation to coding systems; statistical analysis of patient information, examine storage, security, confidentiality, and compliance-related requirements; assess implementation of the electronic health record; and the role human resources and employees relating to employment practices, productivity, and evaluation.

HCIT-110 SQL Fundamentals

3 Credits

Internet: 3 hours per week

Offering: Fall Only, All Years

This course teaches students the fundamentals of database structure and SQL (Structured Query Language). They learn techniques useful for querying databases and they learn to apply their skills in realistic scenarios extracting data and organizing it into meaningful information. Students gain experience with database servers and client tools. Recommended: Familiarity with spreadsheets or databases.

Recommended Prerequisites: CAOT-130, CAOT-140

HCIT-210 Health IT Customer Service

3 Credits

Lecture: 3 hours per week

Offering: Fall Only, All Years

This course covers the development of skills necessary to communicate effectively across the full range of roles that will be encountered in health care and public health settings. This course also introduces how to use Lean Six Sigma decision-making processes, team-building principles and efficiency-boosting tools to do more without increasing costs.

Prerequisites: CAOT-168

HCIT-220 Healthcare Computer Technician Internship

3 Credits

Internship: 9 hours per week

Offering: Fall, Spring, and Summer, All Years

This course provides the sophomore student of the HCIT program supervised, structured training in healthcare computer technician skills through on-the-job experience in a healthcare-related facility. Students will gain insight and on-the-job work experience doing projects that would normally be assigned to the employer's entry-level support staff. Students are responsible for finding an appropriate internship site and permission of the instructor is required. This is a required course in the Healthcare Computer Technician program and is graded on a satisfactory/unsatisfactory basis.

Prerequisites: CAOT-168, CAOT-180, CITE-122, HCIT-101

Pre/Corequisites: HCIT-210