HEALTHCARE DATA ANALYTICS, CERTIFICATE OF ACHIEVEMENT (C)

Overview

The Health Information Technology program at SBCC provides online certificate and degrees to students within the South Central Coast Region (and throughout California). The two year associate degree curriculum is the core educational requirement for the Registered Health Information Technician (RHIT) exam; however, completion of one or more specialty tracks allows graduates more options for specialization. One of the specialty tracks recommended by the American Health Information Management Association (AHIMA) is in Health Data Analytics. Completion of the Health Data Analytics specialty track would provide a path to an additional AHIMA credential: the Certified Health Data Analyst (CHDA) credential. AHIMA's recently published workforce study noted that HIM professionals recognize data analysis as the top needed skill in the future. Currently only 280 individuals hold the CHDA credential.

This proposal focuses on Health care which is a priority sector within the South Central Coast region. Furthermore, this proposal targets a trending job (i.e., HIT Data Analytics Specialist) that has been identified by our regional Deputy Sector Navigator (Health).

The future of HIM must be associated with knowledge workers with high degrees of specialization, which will provide more significant opportunity for individuals with associate degrees. The technical HIM professional level (associate degree) will be more focused, or specialized, bringing awareness to the employer community that associate degree-educated HIM professionals have a deep knowledge in a specific area HIM practice (for example, privacy, auditing, coding, data analysis, etc.).

Requirements

Certificate of Achievement Requirements

Complete all Department Requirements for the Certificate of Achievement with a C or better in each course. Candidates for a Certificate of Achievement are required to complete at least 20% of the department requirements through SBCC.

Code	Title	Units
Department Requirements		
CIS 101	Introduction to Computers and Information Systems	4
BMS 146	Human Form and Function	3
HIT 101	Introduction to Health Information Management	3
HIT 102	Legal Aspects Of Health Care	3
HIT 135	Basic Medical Terminology	3
HIT 204	Basic Pathophysiology	3
HIT 202	International Classification of Diseases, Diagnostic Coding	2
HIT 203	International Classification of Diseases, Procedural Coding	3
HIT 255	Medical Insurance and Reimbursement Methodologies	4
HIT 220	HIM Statistics	2
HIT 240	HC Quality Management	3
HIT 265	HIM Computer Applications	3
CIS 107	Introduction to Database Systems	4
MATH 117	Elementary Statistics	4
Total Units		**44.00**

Learning Outcomes

1. Recognize relationships among data in clinical and public health settings.
2. Apply laws and theories to practical situations in clinical and public health settings.
3. Calculate solutions to mathematical problems; interpret charts and translate graphic data; classify items; interpret information; perform multiple calculations to arrive at one answer.
4. Revise and apply policies, procedures, or plans for the use of networks, including intranet and internet applications to facilitate the electronic health record (EHR), personal health record (PHR), public health, and other administrative applications.
5. Evaluate and compare solutions, case scenarios, reports, plans, ideas, or aspects of a problem and select an appropriate solution for responsive action.
6. Create user-friendly, concise reports to facilitate decision-making using internal and external data sources.
7. Design metrics and criteria to collect and interpret data to recommend solutions to improve business processes and outcomes.

Recommended Sequence

Make an appointment with your SBCC academic counselor through Starfish to create a Student Education Plan that reflects a recommended course sequence for this program that is tailored to your individual needs.

How to schedule an Academic Counseling appointment (https://www.sbcc.edu/counselingcenter/counselingappointments.php).