

DATA ANALYTICS, SKILLS COMPETENCY AWARD (SCA)

Overview

This program prepares students to work with data analytics tools used in enterprises.

Requirements

Skills Competency Award Requirements

Complete all department requirements with a "C" or higher or "P" in each course. Candidates for a Skills Competency Award are required to complete at least 20% of the department requirements through SBCC.

Code	Title	Units
Department Requirements		
CIS 107 or CIS 117	Introduction to Database Systems Introduction to SQL Programming	2-4
CIS 120	Introduction to NoSQL Databases	2
CIS 239	Crystal Reports	2
CIS 254	MongoDB Design and Programming	3
CIS 255	Apache Cassandra Design and Programming	3
Total Units		12.00-14.00

Learning Outcomes

1. Demonstrate an understanding of NoSQL database models.
2. Implement a NoSQL database in the enterprise.
3. Explain ways to manage data in NoSQL databases.