

BUSINESS ANALYTICS CERTIFICATE IN APPLIED SCIENCE

Anticipated 2025FA start – Pending State Tech System and DOE approvals.

Program Description

The embedded Business Analytics Certificate prepares students to use data-driven approaches to enhance business performance and decision-making. Through a combination of courses in business intelligence, data analysis, and predictive analytics, students will learn how to interpret business data, build analytical models, and apply their findings to real-world business challenges. This certificate is ideal for those looking to enhance their careers in business or pursue roles such as business analyst or data analyst.

Mission Statement

The mission of the Business Analytics Embedded Certificate is to equip students with the skills and knowledge necessary to turn data into actionable insights that enhance business strategy and operations. The program emphasizes the practical application of analytics in business contexts, fostering graduates who can influence decision-making and contribute to the success of organizations in a competitive business environment.

Entrance Requirements

High school diploma or GED.

Type of Program

Day

Requirements for Completion

A grade of "C" or higher in all courses is required.

Employment Opportunities

Recommended Program Schedule

Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule. Note, however, that many variables can affect this plan, and not every course is offered every semester. Please see your advisor to map out your own personalized progression toward graduation.

Note: Please contact your advisor for recommended evening schedules.

Preferred Sequence

First Semester		Hours
CPT 113	Information Systems	3
CPT 257	Operating Systems	3
CPT 170	Computer Applications I	3
Total Semester Hours		9
Second Semester		
CPT 127	Python Programming I	3
IST 272	Relational Database	3
Total Semester Hours		6

Third Semester

CPT 189	Data Science I	3
MGT 101	Principles of Management	3
CPT 270	Computer Applications II	3
Total Semester Hours		9

Fourth Semester

CPT 273	Data Visualization	3
BUS 190	Business Analytics I	3
IST 278	Database Programming	3
Total Semester Hours		9
Total Required Credit Hours		33