



Advanced Technical Certificate Business Information Technology

This Program Map is Part of the **Business Pathway**

This Program Map is for students who plan to earn an Advanced Technical Certificate in Business Information Technology at Polk State College. Admission to this program requires an associate degree or baccalaureate degree from a regionally accredited school or college. Credits earned as part of this certificate count toward the BAS in Supervision and Management with a Concentration in Business Information Technology. This Program Map is intended to serve as a guide, and students should always meet with their Student Success Advisor to develop a personalized Educational Plan.

Program Map for Students

| Term | Course ID | Course Title | Credits |
|--------|-----------|--------------------------------------|-----------|
| Term 1 | COP 1000 | Introduction to Programming | 3 Credits |
| | CTS 1441 | Database Fundamentals | 3 Credits |
| Term 2 | CTS 2433 | Programming SQL | 3 Credits |
| | Elective | Approved Elective (See Note 2) | 3 Credits |
| Term 3 | COP 3710 | Database Design and Implementation | 3 Credits |
| | CAP 3744 | Data Visualization for Data Analysis | 3 Credits |
| Term 4 | CAP3770 | Data Mining | 3 Credits |
| | CAP4774 | Data Warehouse Design and Creation | 3 Credits |

Total Required Program Credit Hours: 24

A Couple Notes:

1. Students must meet all graduation requirements. To learn more about graduation requirements, [please refer to the College Catalog](#).
2. Students may select from one of the following courses: COP 3331, COP 3177, COP 3835

Program: 41200 – 2024-2025 Catalog Year (tentative)

Additional Information



Career Coach

Are you interested in learning more about the careers this program will prepare you for? If so, check out Career Coach. Career Coach provides information on job openings, wages, education requirements, required skills, and job postings. You can even complete a career assessment to find careers that match your interests. To learn more about the careers that this program will prepare you for, [please visit Career Coach](#).



Polk State Pathways

Interested in exploring Program Maps for other programs and transfer intents at Polk State? Visit www.polk.edu/program-maps to view additional Pathways and Program Maps.

