

Fall 2019

**Associate of Applied Business in Computer
Science Technology Degree Program
Computer Networking Specialist**



General Requirements

Students are responsible for adhering to all college and university requirements and policies as stated in the BGSU Undergraduate Catalog. Prerequisites shown below are for reference only.

Communication

WRIT 1120 is required. Based on placement scores, WRIT 1100 and/or WRIT 1110 may also be required. COMM 1020 or 3060 is also required as well as BA 2030.

Hrs	Grade	
3		WRIT 1110 Seminar in Academic Writing
3		WRIT 1120 Seminar in Research Writing
3		COMM 1020 Introduction to Communication or COMM 3060 Interpersonal Communication for Non-Majors
3		BA 2030 Business Communication

Mathematics

MATH 1220 and MATH 1150 or STAT 2000 is required

3		MATH 1220 College Algebra II
3		MATH 1150 Introduction to Statistics (QL) or STAT 2000 Using Statistics (QL)

BG Perspectives Curriculum

Each student must complete one Natural Science (N) elective. Four courses in general studies coursework must be completed. Choices should be made from the list of approved courses in the BG Perspective (General Education Core) Curriculum listed in the BGSU Undergraduate Catalog available at www.bgsu.edu/catalog.html

3		BGP Elective (N)
3		BGP Elective (H, S, N, or C)
3		BGP Elective (H, S, N, or C)

Each student must complete a sufficient number of electives to earn a minimum of 62 semester hours. At least 15 credit hours must be BGSU courses. Please check with your advisor for appropriate course selections.

Technical Core

Hrs	Grade	
3		CS 1000 Computer Basics
1		CST 1000 Introduction to Programming Logic and Design
1		CST 1020 Information Technology Ethics
3		CST 1200 Introduction to Operating Systems
3		CS 2010 Programming Fundamentals
3		CST 2520 Helpdesk Troubleshooting
3		CST 2750 Microcomputer Hardware Systems
3		CST 2810 Networking & Internet Implementation

Computer Networking Specialist Major

2		CST 1410 Networking Fundamentals
2		CST 1420 Routing and Switching Essentials
3		CST 1430 Intermediate Routing, Switching, & WAN Tech
2		CST 1450 Introduction to Network Cabling
3		CST 2850 Network Security Principles
3		ECET 2400 Electric Circuits or ECET 2490 Digital Electronic Components/Systems

Business/Support Courses

BA 1500 or BAT 1020 is required. Select one other course from those listed.

3		BA 1500 Overview of Business Administration or BAT 1020 Introduction to Business Technology
3		ACCT 2000 Accounting Concepts for Nonbusiness Student or ACCT 2210 Accounting and Business Concepts I
3		BAT 2050 Total Quality Leadership or BAT 2090 Management and Supervision
3		IS 2000 Introduction to Information Systems
3		ENG 3880 Introductory Technical Writing
3		CS 2170 Computer Organization

Courses with the prefixes of CST and BAT WILL NOT meet the requirements for the degree programs in the Computer Science Department of the College of Arts and Sciences