

**Spring 2020**  
**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	
<u>3</u>	_____	WRIT 1110 Seminar in Academic Writing
<u>3</u>	_____	WRIT 1120 Seminar in Research Writing
<u>3</u>	_____	COMM 1020 Introduction to Communication <b>or</b> COMM 3060 Interpersonal Communication for Non-Majors
<u>3</u>	_____	BA 2030 Business Communication

**Mathematics**

MATH 1220 and MATH 1150 or STAT 2000 is required

<u>3</u>	_____	MATH 1220 College Algebra II
<u>3</u>	_____	MATH 1150 Introduction to Statistics (QL) <b>or</b> 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](http://www.bgsu.edu/catalog.html)

<u>3</u>	_____	BGP Elective (N)
<u>3</u>	_____	BGP Elective (H, S, N, or C)
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*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	
<u>3</u>	_____	CS 1000 Computer Basics
<u>1</u>	_____	CST 1000 Introduction to Programming Logic and Design
<u>1</u>	_____	CST 1020 Information Technology Ethics
<u>3</u>	_____	CST 1200 Introduction to Operating Systems
<u>3</u>	_____	CS 2010 Programming Fundamentals
<u>3</u>	_____	CST 2520 Helpdesk Troubleshooting
<u>3</u>	_____	CST 2750 Microcomputer Hardware Systems
<u>3</u>	_____	CST 2810 Networking & Internet Implementation

**Computer Networking Specialist Major**

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

**Business/Support Courses**

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

<u>3</u>	_____	BA 1500 Overview of Business Administration <b>or</b> BAT 1020 Introduction to Business Technology
<u>3</u>	_____	ACCT 2000 Accounting Concepts for Nonbusiness Student <b>or</b> ACCT 2210 Accounting and Business Concepts I
<u>3</u>	_____	BAT 2050 Total Quality Leadership <b>or</b> BAT 2090 Management and Supervision
<u>3</u>	_____	IS 2000 Introduction to Information Systems
<u>3</u>	_____	ENG 3880 Introductory Technical Writing
<u>3</u>	_____	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