

# BGSU Firelands

## Spring 2019 Computer Networking Specialist

Associate of Applied Business in

Computer Science Technology Degree Program

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

Communication		Pre-Req	Cr	T	G
GSW 1120 is required. Based on placement scores, GSW 1100 or GSW 1110 may also be required. No more than 6 hours of GSW 1100/1110/1120 count toward graduation. COMM 1020 or 3060 is also required as well as BA 2030.					
GSW 1100	Intro to Intensive Writing	placement	5		
GSW 1110	Introduction to Academic Writing		3		
GSW 1120	Academic Writing		3		
COMM 1020 <i>or</i> COMM 3060	Intro to Public Speaking Interpersonal Communication for Non-Majors		3		
BA 2030	Business Communication	GSW 1120	3		

Mathematics & Statistics					
MATH 1220 and MATH 1150 or STAT 2000 is required.					
MATH 1220	College Algebra II	See Catalog	3		
MATH 1150 <i>or</i> STAT 2000	Introduction to Statistics (QL) Using Statistics (QL)	placement	3		

BG Perspective (General Education Core) 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 <a href="http://www.bgsu.edu/catalog">www.bgsu.edu/catalog</a> .					
	(N)		3		
	(H,S,N, or C)		3		
	(H,S,N, or C)		3		

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

Student Name \_\_\_\_\_

BGSU ID \_\_\_\_\_

Student e-mail \_\_\_\_\_

Advisor: \_\_\_\_\_

e-mail: \_\_\_\_\_

office: \_\_\_\_\_

Technical Core		Pre-Req	Cr	T	G
CS 1000	Computer Basics	HS Alg/Math 95	3		
CST 1000	Introduction to Programming Logic and Design		1		
CST 1020	Information Technology Ethics		1		
CST 1200	Introduction to Operating Systems	CS 1000	3		
CS 2010	Programming Fundamentals	See Catalog	3		
CST 2520	Helpdesk Troubleshooting	CST 1200/CST 1020	3		
CST 2810	Networking & Internet Implementation	CST 1810	3		
CST 2750	Microcomputer Hardware Systems	CS 1000	3		

Computer Networking Specialist Major					
CST 1410	Networking Fundamentals	CS 1000	2		
CST 1420	Routing and Switching Essentials	CST 1410	2		
CST 1430	Intermediate Routing, Switching, & WAN Tech	CST 1420	3		
CST 1450	Introduction to Network Cabling		2		
CST 2850	Network Security Principles	CST 1410	3		
ECET 2400 <i>or</i> ECET 2490	Electric Circuits Digital Electronic Components/Systems	permission	3		

Business/Support Courses					
<i>BA 1500 or BAT 1020 is required. Select one other course from those listed.</i>					
BA 1500 <i>or</i> BAT 1020	Overview of Business Administration Introduction to Business Technology		3		
ACCT 2000 <i>or</i> ACCT 2210	Accounting Concepts for Nonbusiness Stdnt Accounting and Business Concepts I	soph standing	3		
BAT 2050 <i>or</i> BAT 2090	Total Quality Leadership Management and Supervision		3		
IS 2000	Intro. to Information Systems		3		
ENG 3880	Introductory Technical Writing	junior standing	3		
CS 2170	Computer Organization	CS 2010	3		

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