

# BGSU Firelands

## Fall 2017 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.				
GSW 1100	Intensive Intro. to Academic Writing	placement	5	
GSW 1110	Introduction to Academic Writing		3	
GSW 1120	Academic Writing		3	
COMM 1020 <i>or</i> COMM 3060	Speech Communication Interpersonal Communication		3	

Mathematics & Science	Pre-Req	Cr	T	G
MATH 1200 or higher (excluding MATH 2130, 2150, 2160). MATH 1150 or STAT 2000 is also required. Based on placement tests, MATH 90 and/or MATH 95 may also be required. MATH 90 and MATH 95 do not count toward graduation.				
MATH 90	Elementary Algebra	placement	3	
MATH 95	Intermediate Algebra		3	
MATH 1210	College Algebra I		3	
MATH 1150 <i>or</i> STAT 2000	Introduction to Statistics (QL) Using Statistics (QL)		3	

BG Perspective Curriculum	Pre-Req	Cr	T	G
Each student must complete one Natural Science (N) elective. Three courses in BG Perspective coursework must be completed. Choices should be made from the list of approved courses in the BG Perspective 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 credit hours must be BGSU courses. Please check with your advisor for appropriate course selections.

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

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

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

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office: 324D George Mylander Hall \_\_\_\_\_

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	Introduction to Object-Oriented Programming	See Catalog	3	
CST 2520	Helpdesk Troubleshooting	CST 1200/CST 1020	3	
CST 2810	Network and Internet Implementation	CST 1810	3	
CST 2750	Microcomputer Hardware Systems	CS 1000	3	

Computer Networking Specialist Major	Pre-Req	Cr	T	G
CST 1410	Networking Fundamentals	CS 1000	2	
CST 1420	Beginning Router Configuration	CST 1410	2	
CST 1430	Intermediate Routing, Switching, & WAN Technologies	CST 1420	3	
CST 1450	Introduction to Network Cabling		2	
CST 2850	Network Security Principles	CST 1410	3	
ECT 2400 <i>or</i> ECT 2490	Electric Circuits Digital Electronic Components/Systems	permission	3	

Business/Support Courses	Pre-Req	Cr	T	G
<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 Students Accounting and Business Concepts I	soph standing	3	
BAT 2050 <i>or</i> BAT 2090	Total Quality Leadership Management and Supervision		3	
MIS 2000	Intro. to Management Information Systems	Excel proficiency	3	
ENG 3880	Introductory Technical Writing	junior standing	3	
CS 2170	Computer Organization	CS 2010	3	
BA 2030	Business Communication	GSW 1120	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

**Associate of Applied Business  
in Computer Science Technology  
Fall 2017 Computer Networking Specialist**

***Suggested first year for full-time students***

**FALL**

CST 1410 (2)

CST 1420 (2)

CS 1000 (3)

MATH 1200 or above  
(excluding MATH 2130, 2150, 2160) (3-5)

BAT 1020 (3)

GSW 1120 (3)

*Total credits (16-18)*

**SPRING**

CST 1000 (1)

CS 2010 (3)

CST 1430 (3)

COMM 1020 (3)

CST 1200 (3)

BG Perspective elective (3)

CST 1020 (1)

*Total credits (17)*

Courses with the prefix 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

***Suggested second year for full-time students***

**FALL**

MATH 1150 or STAT 2000 (3)

CST 2520 (3)

CST 1450 (2)

BG Perspective elective (3)

Business Support elective (3)

*Total credits (14)*

**SPRING**

CST 2750 (3)

ECT 2400 (3) or ECT 2490 (3)

Natural Science Elective (3-5)

CST 2810 (3)

CST 2850 (3)

*Total credits (15-17)*

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.

**Students are responsible for adhering to all college and university requirements and policies as stated in the on-line BGSU UNDERGRADUATE CATALOG at: [www.bgsu.edu/catalog](http://www.bgsu.edu/catalog)**