BGSU **Firelands**

Spring 2016 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.

Student Name

BGSU ID

Student e-mail

Advisor: Martin Anderson

e-mail: martya@bgsu.edu

office: 324D George Mylander Hall

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 *or*　Speech Communication COMM 3060　　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	placement	3		
MATH 1150 *or*　Introduction to Statistics (QL) STAT 2000　　Using Statistics (QL)		3		

BG Perspective Curriculum		Cr	T	G
Each student must complete one Natural Science (N) elective. Three courses in BG Perspective coursework must be completed. Choices should be make from the list of approved courses in the BG Perspective Curriculum listed in the BGSU Undergraduate Catalog available at www.bgsu.edu/catalog.				
(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.

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 *or*　Electric Circuits ECT 2490　　Digital Electronic Components/Systems	permission	3		

Business/Support Courses		Cr	T	G
BA 1500 or BAT 1020 is required. Select one other course from those listed.				
BA 1500 or　Overview of Business Administration BAT 1020　　Introduction to Business Technology		3		
ACCT 2000 *or*　Accounting Concepts for Nonbusiness Students ACCT 2210　　Accounting and Business Concepts I	soph standing	3		
BAT 2050 *or*　Total Quality Leadership BAT 2090　　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
Spring 2016 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)

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)

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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