

BGSU Firelands

Spring 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>	Speech Communication		3		
COMM 3060	Interpersonal Communication				

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>	Introduction to Statistics (QL)		3		
STAT 2000	Using Statistics (QL)				

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 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.

Student Name _____

BGSU ID _____

Student e-mail _____

Advisor: Martin Anderson _____

e-mail: martya@bgsu.edu _____

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>	Electric Circuits	permission	3		
ECT 2490	Digital Electronic Components/Systems				

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>	Overview of Business Administration		3		
BAT 1020	Introduction to Business Technology				
ACCT 2000 <i>or</i>	Accounting Concepts for Nonbusiness Students	soph standing	3		
ACCT 2210	Accounting and Business Concepts I				
BAT 2050 <i>or</i>	Total Quality Leadership		3		
BAT 2090	Management and Supervision				
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 2017 Computer Networking Specialist
<i>Suggested first year for full-time students</i>
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)
<i>Total credits (16-18)</i>
SPRING
CST 1000 (1)
CS 2010 (3)
CST 1430 (3)
COMM 1020 (3)
CST 1200 (3)
BG Perspective elective (3)
CST 1020 (1)
<i>Total credits (17)</i>

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

<i>Suggested second year for full-time students</i>
FALL
MATH 1150 or STAT 2000 (3)
CST 2520 (3)
CST 1450 (2)
BG Perspective elective (3)
Business Support elective (3)
<i>Total credits (14)</i>
SPRING
CST 2750 (3)
ECT 2400 (3) or ECT 2490 (3)
Natural Science Elective (3-5)
CST 2810 (3)
CST 2850 (3)
<i>Total credits (15-17)</i>

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.

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