

BGSU Firelands

2011 - 2012 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 _____

Adviser **Martin Anderson**

e-mail **martya@bgsu.edu**

office **324D West**

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 Intro. to Academic Writing		3		
GSW 1120 Academic Writing		3		
COMM 1020 or Speech Communication		3		
COMM 3060 Interpersonal Communication				

Mathematics and Statistics	Pre-Req	Cr	T	G
MATH 1120 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 1120 College Algebra I	placement	3		
MATH 1150 or Introduction to Statistics		3		
STAT 2000 Using Statistics				

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.

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/MIS 2000	3		
CS 2010 Introduction to Object-Oriented Programming	See Catalog	3		
CST 1810 Networking and Internet Principles		3		
CST 2810 Network and Internet Implementation	CST 1810	3		
CST 2750 Microcomputer Hardware Systems	CS 1000/MIS 2000	3		

Computer Networking Specialist Major	Pre-Req	Cr	T	G
CST 1410 Networking Fundamentals	CS 1000/MIS 2000	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 1810	3		
ECT 2400 or Electric Circuits	permission	3		
ECT 2490 Digital Electronic Components/Systems				

Business/Support Courses	Pre-Req	Cr	T	G
<i>BAT 1020 is required. Select one other course from those listed.</i>				
BAT 1020 Introduction to Business Technology		3		
ACCT 2000 or Accounting Concepts for Nonbusiness Students	soph standing	3		
ACCT 2210 Accounting and Business Concepts I				
BAT 2050 or 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		

Associate of Applied Business in Computer Science Technology Computer Networking Specialist major
<i>Suggested first year for full-time students</i>
FALL
CST 1410 (2)
CST 1420 (2)
CS 1000 (3)
MATH 1120 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>

<i>Suggested second year for full-time students</i>
FALL
MATH 1150 OR STAT 2000 (3)
CST 1810 (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>

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