

COMPUTER AND BUSINESS TECHNOLOGY

254311 Networking Support Option
(Requirements effective Fall Semester 2009)

Students entering the program must demonstrate a fundamental knowledge of computer software and keyboarding by examination (CISBR) or take the following bridge courses prior to enrolling in the program:

2440:105 Introduction to Computers and Application Software
2540:290 ST: Keyboarding for Skill Development

C E R FIRST YEARFall Semester

		<u>Credit Hours</u>	<u>Prerequisites</u>
— — —	2030:151 Technical Mathematics I -AND-	2	Placement by adviser
— — —	2030:152 Technical Mathematics II	2	2030:151 or placement
	or		
— — —	3470:250 Statistics for Everyday Life (see note A.)	4	Placement by adviser
— — —	2040:240 Human Relations (see note A.)	3	
— — —	2420:104 Introduction to Business in the Global Environment	3	Recommended in first semester
— — —	2440:145 Operating Systems	3	Placement by adviser
— — —	3300:111 English Composition I (see note A.)	4	Placement by adviser
		17	

Spring Semester

— — —	2440:121 Introduction to Logic/Programming	3	Placement by adviser
— — —	2540:263 Professional Communication and Presentations (see note A.)	3	3300:111 or permission
— — —	2600:270 Introduction to Network Technologies	3	2440:145
— — —	2600:272 Network Hardware I	3	2600:270 (coreq.)
— — —	2600:274 Network Hardware II	3	2600:272
		15	

SECOND YEARFall Semester

— — —	2020:222 Technical Report Writing	3	3300:111
— — —	2040:256 Diversity in American Society (see note A.)	2	3300:111; 32 credits (preferred)
— — —	2420:103 Essentials of Management Technology	3	
— — —	2440:170 Visual BASIC	3	2440:121
— — —	2600:245 Network Operating Systems	3	2600:270
— — —	2600:276 Advanced Network Technologies	3	2600:274
		17	

Spring Semester

— — —	2440:247 Hardware Support	3	permission
— — —	2540:243 Internship	3	Permission
— — —	2540:289 Career Development for Business Professionals	3	
— — —	2600:261 Network Security	3	2600:270
— — —	3600:120 Introduction to Ethics (see note A.)	3	
— — —	Technical electives	3	
		18	

TOTAL CREDITS – 67**C = Completed E = Exempt R = Required**

COMPUTER AND BUSINESS TECHNOLOGY

Networking Support Option

Lori Brinker - Coordinator

D-207

(330) 684-8730

brinker@uakron.edu

Network support personnel design, install, and support an organization's local-area network (LAN), wide-area network (WAN), network segment, Internet, or intranet system. They provide day-to-day onsite administrative support for software users in a variety of work environments, including professional offices, small businesses, government, and large corporations. They maintain network hardware and software, analyze problems, and monitor the network to ensure its availability to system users. These workers gather data to identify customer needs and then use the information to identify, interpret, and evaluate system and network requirements. Wayne College's associate degree in Computer and Business Technology - Networking Support Option will prepare you to meet the challenge of a career in the computer networking and information technology industry.

Notes:

- A. These courses fulfill General Education core curriculum requirements or serve as prerequisites for advancement to a Bachelor's degree. Additional options may be available. Associate degree technical courses may also be transferable to Bachelor's degrees in business education, technical education, communication, etc. See an academic adviser for details.
- B. If you are pursuing an associate degree and have completed twelve or more semester credits, we suggest that you schedule an appointment with an academic adviser to transfer into Summit College and to produce a student degree agreement (contract). The degree agreement is a formal statement of the courses that you must complete to satisfy your degree requirements.

Technical electives:

2440:140	Internet Tools	3
2600:252	Microsoft Active Directory	3
2600:262	Linux Networking	3
2600:290	Special Topics: Computer Services and Networking	1-5