

BS Networking Technology  
Major: Computer Networking  
NETWTECH BS 120 credits

Associate in Applied Science  
Computer Networking

2011-2012

(Classes taken at Washtenaw Community College to complete associate degree are in red)

Foundations of Excellence			21 credits		Washtenaw Community College		Transfer Credit	3rd Year	Davenport Credit
COMM120	Presentation Techniques	3	#COM101	Foundations of Speaking	3				
ENGL109	Composition	3	#ENGL111	Composition I	4				
ENGL110	Advanced Composition	3	ENG226	Composition II			3		
ENGL311	Professional Writing	3						3	
FRSM100	Career & Education Seminar or (if exempt) Open Elective	3		Computer Literacy Elective	3				
HUMN310-315	Global Cultures: Choice of country or culture	3						3	
SOSC201	Diversity in Society	3	#SOC205	Race and Ethnic Relations	3				
Foundations of Mathematics and Science			15 credits		Washtenaw Community College		Transfer Credit	3rd Year	Davenport Credit
MATH125	Intermediate Algebra	3	#MTH169	Intermediate Algebra	4				
MATH135	College Algebra	3	MTH176	College Algebra			4		
STAT220	Introduction to Statistics	3	BMG265	Business Statistics			3		
ENVS125 or PHYS100 and PHYS100L	Environmental Studies or Applied Physics and Applied Physics Lab	3	#PHY110	Applied Physics	4				
Choose one of the following:		3							
MATH140	Finite Mathematics								
MATH150	Pre-Calculus		MTH180	Pre-Calculus			4		
STAT322	Inferential Statistics								
Foundations of Business			9-10 credits		Washtenaw Community College		Transfer Credit	3rd Year	Davenport Credit
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	3-4	ACC111	Principles of Accounting I			3		
BUSN210	Professional Ethics	3	#PHL205	Ethics	3				
MGMT211	Management Foundations	3	#BMG230	Management Skills (take as elective credit)	3				
Foundations of Technology			9 credits		Washtenaw Community College		Transfer Credit	3rd Year	Davenport Credit
BITS211	Microcomputer Applications: Spreadsheet	3	BOS184 & BOS284	Spreadsheet Software Applications I & Spreadsheet Software Applications II			6		
CISP111	Systems Foundations	3	CIS110 or CIS288	Introduction to Computer Information Systems or System Analysis and Design			3		
GPMT350	Principles of Project Management	3	BMG291	Project Management			3		
Major			60-61 credits		Washtenaw Community College		Transfer Credit	3rd Year	Davenport Credit
IAAS224	Implementing Network Security	3	CSS205	Computer Security III			4		
IAAS325	Wireless Networking and Security	3	CSS212	Fundamentals of Secure Wireless Local Area Networks			4		
NETW101	PC Operating Systems	3	#CST155	Computer Systems Technology II	5				
NETW111	Cisco Networking Fundamentals	3	CNT206	Internetworking I - Fundamentals	4				
NETW112	Cisco Networking Router IOS	3	CNT216	Internetworking II - Routers	4				
NETW141	MS Client and Server OS	3						3	
NETW201	PC Maintenance and Management	3	CST150	Computer Systems Technology I	5				
NETW211	Cisco Networking LAN Design	3	CNT226	Internetworking III - Switches	4				
NETW212	Cisco Networking WAN Design	3	CNT236	Internetworking IV - WANS	4				
NETW217	UNIX Operating Systems	3	CIS121	Linux/UNIX I: Fundamentals	3				
NETW235	UNIX/Linux Server Administration	3	CIS206	Linux/UNIX II: Basic System Administration, Networking and Security			3		
NETW241	MS Implement Network Infrastructure	3						3	
NETW326	IP Telephony	3						3	
NETW440	Network Design and Management	3						3	
TECH 497	College of Technology Capstone	3						3	
Choose one of the following specialty areas:									
Advanced Cisco Networking Specialty [ACNS]		(16 credits)						OR 16	
NETW311	Cisco Networking Advanced Routing	4							
NETW312	Cisco Networking Secure WANS	4							
NETW411	Cisco Networking Advanced Switching	4							
NETW412	Cisco Networking Optimize WANS	4							
Server Administration Specialty [SADS]		(15 credits)							
NETW243	MS Administrator SQL Server	3						3	
NETW341	MS Plan and Implement Active Directory	3	CNT211	Administering and Managing Microsoft Windows Server Active Directory			4		
NETW350	Configuring MS Exchange Server	3	CNT241	Microsoft Exchange Server Administration			4		
NETW421	MS Server Application Infrastructure	3						3	
NETW435	Virtualization	3						3	
Open Electives			4-6 credits		Washtenaw Community College		Transfer Credit	3rd Year	Davenport Credit
Recommended Electives:				Remaining courses in program	5				
ENVS125	Environmental Studies	3							
NETW490	Networking Internship	3							
IAAS490	Information Assurance and Security Internship	3							
<b>TOTAL CREDIT HOURS</b>							Transfer Credit	3rd Year	Davenport Credit
							Minimum	Minimum	Minimum
							61	48	30

# Preferred Course

139 credits to complete	61	48	30
10 DU courses to complete			