



**NETWORKING TECHNOLOGY (BS)**  
**MAJOR: NETWORK SECURITY**  
 2012-2013 RECOMMENDED PROGRAM SEQUENCE (Full-time)  
 120 CREDITS

NETWTECH BS  
NS MAJOR

**FRESHMAN YEAR**

<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(15 credits)
CISP111	Systems Foundations	3	ENGL110	Advanced Composition	3
COMM120	Presentation Techniques	3	ENVS125 or PHYS100 and PHYS100L	Environmental Studies or Applied Physics and Applied Physics Lab	3
ENGL109	Composition	3	MGMT211	Management Foundations	3
FRSM100	Career and Education Seminar	3	NETW101	PC Operating Systems	3
MATH125	Intermediate Algebra	3	SOSC201	Diversity in Society	3

**SOPHOMORE YEAR**

<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(15 credits)
BITS211	Microcomputer Applications: Spreadsheet	3	IAAS224	Implementing Network Security	3
MATH135	College Algebra	3	NETW112	Cisco Networking Router IOS	3
NETW111	Cisco Networking Fundamentals	3	NETW201	PC Maintenance and Management	3
NETW141	MS Client and Server OS	3	NETW241	MS Implement Network Infrastructure	3
NETW217	UNIX Operating Systems	3	STAT220	Introduction to Statistics	3

**JUNIOR YEAR**

<u>Fall Semester</u>		(15 credits)	<u>Winter Semester</u>		(15 credits)
IAAS245	Disaster Recovery	3	ENGL311	Professional Writing	3
IAAS321	Securing the Infrastructure	3	IAAS322	Network Defense/Countermeasure	3
IAAS325	Wireless Networking and Security	3	NETW212	Cisco Networking WAN Design	3
MATH140 or MATH150 or STAT322	Finite Mathematics or Pre-Calculus or Inferential Statistics	3	NETW235	UNIX/Linux Server Administration	3
NETW211	Cisco Networking LAN Design	3	Open Elective		3

**SENIOR YEAR**

<u>Fall Semester</u>		(15-16 credits)	<u>Winter Semester</u>		(14-15 credits)
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	3-4	IAAS421	Computer Forensics	3
BUSN210	Professional Ethics	3	IAAS481	Information Security and Assurance	3
GPMT350	Principles of Project Management	3	NETW341	MS Plan and Implement Active Directory	3
HUMN310-315	Global Cultures: Choice of country or culture	3	TECH497	College of Technology Capstone	3
NETW326	IP Telephony	3	Open Elective(s)		2-3