

# Network and Security One-Year Certificate

PROFESSIONAL TECHNICAL

2012-2013 Certificate Requirements

## Major Courses

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
CS	117	Computer Ethics <i>or</i>	2		
CS	118	Customer Service	3		
CS	127	Windows Configuration	5		
CS	150	Computer Security	5		
CS	221	SQL Administration	5		
CS	223	Unix/Linux	5		
CS	228	Windows Server	5		
CS	230	Active Directory	5		
CS	231	Network Infrastructure	5		
CS	232	Network Security	5		

Select 5 additional credits from any CS courses

**Subtotal 47-48**

## General Education

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
ENG&	101+	English Composition <i>or</i> above	5		
MATH	106+	Business Mathematics <i>or</i> above	5		
<b>Psychology or Sociology (select 5 credits)</b>					
PSYC&	100+	General Psychology <i>or</i> above <i>or</i>	5		
SOC&	101	Intro to Sociology <i>or</i>	5		
SOC&	201	Social Proglems	5		
<b>Communication Studies (select 3-5 credits)</b>					
CMST	101	Speech Essentials <i>or</i>	3		
CMST	110	Communication Behavior <i>or</i>	3		
CMST&	220	Public Speaking <i>or</i>	5		
CMST&	210	Interpersonal Communication <i>or</i>	5		
CMST	260	Multicultural Communication	5		

**Subtotal 18-20**

**Total Credits Required 65-68**

Students who complete this certificate will have the basic skills required to plan, implement, troubleshoot, and secure computer networks. Such skills are required in various types of computer network administration and technical support related fields. Career opportunities: network technician, help desk technician, computer user support technician, and network security technician.