

Information Systems and Technology
“Network System Maintenance and Security”

Course Code	Course Title	Credit	Pre-Co Requisites
ENGL-101	Developmental Writing and Reading	3	
ENGL-102	Composition I	3	ENGL-101
Total Communication Skills Credits		6	
HUMN-101	History of Arab Islamic Civilization	3	
Total Humanities Credits		3	
CARD-205	Career Development	2	
Total Personal and Professional Development Credits		2	
MATH-105	Technical Mathematics	4	
MATH -107	College Algebra	4	
Total Mathematics Credits		8	
BSM-223	Project Management	3	
Total Business Credits		3	
IST-101	PC Software	3	
IST -102	PC Hardware	3	
IST -125	Introduction to Programming Using C I	3	
Total Computing Basics Credits		9	
IST-103	Network Essentials	3	Co:IST-101 and IST-102
IST-231	Introduction to Databases	3	
Total Technical Basics Credits		6	
IST-104	Windows Client Operating Systems	4	IST-101 and IST-102
IST-207	Database Management	4	IST-231
IST-209	Windows Network Operating Systems	3	IST-104
IST-210	Network Infrastructure I	3	IST-103
IST-211	Network Infrastructure II	3	IST-210
IST-212	Network Infrastructure III	4	IST-209 Co: IST-211
IST-215	Networks Security Administration	3	IST-104, Co: IST-212
IST-219	Network Operating Systems	3	IST-104
IST-224	Final Project	3	Final Semester or VPAA Approval
Total Technical Core Credits		30	
TOTAL PROGRAM CREDITS		67	