

**Information Systems and Technology**  
**“Network Design Technical”**

Course Code	Course Title	Credit	Pre-Co Requisites
ENGL-101	Developmental Writing and Reading	3	
ENGL-102	Composition I	3	ENGL-101
<b>Total Communication Skills Credits</b>		<b>6</b>	
HUMN-101	History of Arab Islamic Civilization	3	
<b>Total Humanities Credits</b>		<b>3</b>	
CARD-205	Career Development	2	
<b>Total Personal and Professional Development Credits</b>		<b>2</b>	
MATH-105	Technical Mathematics	4	
MATH-107	College Algebra	4	
<b>Total Mathematics Credits</b>		<b>8</b>	
BSM-223	Project Management	3	
<b>Total Business Credits</b>		<b>3</b>	
IST-101	PC Software	3	
IST-102	PC Hardware	3	
IST-125	Introduction to Programming Using C I	3	
<b>Total Computing Basics Credits</b>		<b>9</b>	
IST-104	Windows Client Operating Systems	4	IST-101 and IST-102
<b>Total Technical Basics Credits</b>		<b>4</b>	
IST-108	Fundamentals of Networking and Communications	8	Co:IST-101 and IST-102
IST-109	Advanced Networking and Communications		IST-108
IST-209	Windows Network Operating Systems	3	IST-104
IST-219	Network Operating Systems	3	IST-104
IST-279	LAN Management	4	IST-109
IST-280	WAN Management	4	IST-109 Co: IST-279
IST-288	Networks Design	4	IST-279 and IST-280
IST-289	Networks Security	4	IST-279 and IST-280
IST-299	Final Project	3	Final Semester or VPAA Approval
<b>Total Technical Core Credits</b>		<b>33</b>	
<b>TOTAL PROGRAM CREDITS</b>		<b>68</b>	