



**Associate in Applied Science  
65 Semester Hours**

**General Education Requirements**

COMM 101	Intro to Oral Communication	3 hrs.
ENGL 101	Composition I	3
	Math Elective	4
	Science Elective with Lab	4-5
	Social Science or Humanities Elective	<u>3</u>
<b>TOTAL</b>		17-18

**NETW Core Requirements**

CSCI 101	Intro to Computer & Info Science	4
CSCI 130	Computer Science I	4
NETW 150	Workstation Operating Systems	3
NETW 151	PC Hardware Maintenance & Repair	3
NETW 162	Networking Technologies	<u>4</u>
<b>TOTAL</b>		18

**Technical Elective/Specialization**

Elective Courses \* **TOTAL 30**

**Technical Elective/Specialization**

\*Electives as approved by advisor or Technology Division. Electives are recommended from the option or specialization area outlined below and may include Internship or Special Topics courses. Students who intend to transfer to a four-year school should contact an advisor or the department.

**OPTION/EMPHASIS AREAS:**

**Networking Foundations Option**

NETW 121	Networking Fundamentals	3
NETW 122	Routing Protocols & Concepts	3
NETW 123	Local Area Networks	3
NETW 124	Wide Area Networks	3
NETW 166	Windows Workstation Administration	3
NETW 170	Network Security Fundamentals	3
NETW 172	Wireless Networking with Security	3
NETW 182	Linux Administration	3
NETW 208	Data & Cabling Systems	3
TECH 299	Internship in Technology	3
Or		
NETW 167	Windows Server Administration	3

**Cisco Option**

NETW 121	Networking Fundamentals	3
NETW 122	Routing Protocols & Concepts	3
NETW 123	Local Area Networks	3
NETW 124	Wide Area Networks	3
NETW 172	Wireless Networking with Security	3
NETW 221	Cisco Network Academy V	3
NETW 222	Cisco Network Academy VI	3
NETW 223	Cisco Network Academy VII	3
NETW 224	Cisco Network Academy VIII	3
TECH 299	Internship in Technology	3
Or		
NETW 271	Cisco Router Security	3

**Linux/Windows Option**

NETW 160	Introduction to Networks	3
NETW 166	Windows Workstation Administration	3
NETW 167	Windows Server Administration	3
NETW 168	Managing a Windows Network	3
NETW 170	Network Security Fundamentals	3
NETW 182	Linux Administration	3
NETW 183	Linux Security	3
NETW 208	Data & Cabling Systems	3
NETW 261	Windows Network Infrastructure	3
TECH 299	Internship in Technology	3
Or		
NETW 263	Windows Security	3

**Windows Option**

NETW 160	Introduction to Networks	3
NETW 166	Windows Workstation Administration	3
NETW 167	Windows Server Administration	3
NETW 168	Managing a Windows Network	3
NETW 170	Network Security Fundamentals	3
NETW 208	Data & Cabling Systems	3
NETW 261	Windows Network Infrastructure	3
NETW 262	Windows Directory Services	3
NETW 263	Windows Security	3
TECH 299	Internship in Technology	3
Or		
NETW 182	Linux Administration	3

**Security Basics Option**

NETW 121	Networking Fundamentals	3
NETW 122	Routing Protocols & Concepts	3
NETW 123	Local Area Networks	3
NETW 124	Wide Area Networks	3
NETW 170	Network Security Fundamentals	3
NETW 182	Linux Administration	3
NETW 183	Linux Security	3
NETW 271	Cisco Router Security	3
NETW 272	Configuring Cisco PIX Boxes	3
TECH 299	Internship in Technology	3
Or		
Any 200-level Networking Elective		3

