

Certificate: **NETWORKING (NTW7)**

Credit Requirements: 33 semester credit hours

The Network Certificate prepares students for network administrator or network engineer positions. It is intended for students employed in organizations that will use networking in the work environment. This program of study is designed to prepare the student for network certification. All classes in this certificate transfer to the Networking emphasis in the Computer Technology Associate Degree program. Students must have a "C" or better in all CPT and IST classes to graduate.

FIRST SEMESTER (FALL)

IST 166	Network Fundamentals	3
	TOTAL	3

SECOND SEMESTER (SPRING)

CPT 170	Microcomputer Applications	3
CPT 176	Microcomputer Operating Systems	3
	TOTAL	6

THIRD SEMESTER (SUMMER)

IST 161	Intro to Network Administration	3
IST 162	Introduction to Workstation Networking Administration	3
	TOTAL	6

FOURTH SEMESTER (FALL)

IST 261	Advanced Network Administration	3
IST 291	Fundamentals of Network Security I	3
IST 165	Implementing and Administering Windows Directory Services	3
	TOTAL	9

FIFTH SEMESTER (SPRING)

IST 209	Fundamentals of Wireless LANs	3
IST 290	Special Topics in Information Sciences	
	OR	
CPT 280	SCWE in Computer Technology	3
IST 292	Fundamentals of Network Security	3
	TOTAL	9
	TOTAL CREDIT HOURS	33