

## Certificate NETWORKING

The global use of computer technology has led to an ongoing demand for skilled technicians in all areas of computing. The Networking Certificate program prepares students for positions as network administrators and engineers by providing the knowledge required for certification by the network-industry leaders. All classes in this certificate transfer to HGTC's Associate in Applied Science in Computer Technology, Networking Emphasis degree program.

### PROGRAM INFORMATION

#### Course Sequence and Progression

A minimum grade of "C" or better is required for all CPT and IST-prefixed courses for progression and graduation.

### CURRICULUM SEQUENCE

#### First Semester - Spring

CPT 170	Microcomputer Applications	3
CPT 176	Microcomputer Operating Systems	3
IST 166	Network Fundamentals	3
	<b>TOTAL</b>	<b>9</b>

#### Second Semester - Summer

IST 161	Introduction to Network Administration	3
IST 162	Introduction to Workstation Networking Administration	3
	<b>TOTAL</b>	<b>6</b>

#### Third Semester - Fall

IST 165	Implementing Administering Windows Directory Services	3
IST 291	Fundamentals of Network Security I	3
	<b>TOTAL</b>	<b>6</b>

#### Fourth Semester - Spring

CPT 280	SCWE in Computer Technology	3
or		
IST 290	Special Topics in Information Sciences	
IST 261	Advanced Network Administration	3
IST 292	Fundamentals of Network Security II	3
IST 295	Fundamentals of Voice Over IP	3
	<b>TOTAL</b>	<b>12</b>
	<b>TOTAL CREDIT HOURS</b>	<b>33</b>

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