

## 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 Network Systems Management 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.

- All CPT and IST courses have a 5-year time limit.

### CURRICULUM SEQUENCE

First Semester - Fall	Course Title	Semester Credit Hours
Choose One:	MAT 101, MAT 102, MAT 110 or MAT 120	3
IST 201	CISCO Internetworking Concepts	3
	TOTAL	6
<b>Second Semester - Spring</b>		
IST 190	LINUX Essentials	3
IST 202	CISCO Router Configuration	3
	TOTAL	6
<b>Third Semester - Summer</b>		
IST 162	Introduction to Workstation Networking Administration	3
IST 203	Advanced CISCO Router Configuration	3
	TOTAL	6
<b>Fourth Semester - Fall</b>		
IST 196	Cloud Storage Fundamentals	3
IST 291	Fundamentals of Network Security I	3
	TOTAL	6
<b>Fifth Semester - Spring</b>		
IST 261	Advanced Network Administration	3
IST 292	Fundamentals of Network Security II	3
IST 295	Fundamentals of Voice Over IP	3
	TOTAL	9
	<b>TOTAL CREDIT HOURS</b>	<b>33</b>

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