

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.

CURRICULUM SEQUENCE

First Semester - Fall	Course Title	Semester Credit Hours
CPT 209	Computer Systems Management	3
IST 201	CISCO Internetworking Concepts	3
	TOTAL	6
Second Semester - Spring		
IST 190	LINUX Essentials	3
IST 202	CISCO Router Configuration	3
	TOTAL	6
Third Semester - Summer		
IST 162	Introduction to Workstation Networking Administration	3
IST 203	Advanced CISCO Router Configuration	3
	TOTAL	6
Fourth Semester - Fall		
IST 198	Cloud Essentials	3
IST 291	Fundamentals of Network Security I	3
	TOTAL	6
Fifth Semester - Spring		
IST 261	Advanced Network Administration	3
IST 292	Fundamentals of Network Security II	3
IST 295	Fundamentals of Voice Over IP	3
	TOTAL	9
	TOTAL CREDIT HOURS	33

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