

# COMPUTER NETWORK ENGINEERING TECHNOLOGY (0194)

ASSOCIATE IN SCIENCE DEGREE

This program prepares students for employment as cabling specialists, PC support technicians, network control operators, data communications analysts, help desk specialists, network technicians, computer security specialists, network specialists, network managers, network systems analysts, network systems technicians, network troubleshooters, WAN/LAN managers, or network system administrators. This program also provides supplemental training for persons previously or currently employed in these occupations.

If you need additional information after seeing an advisor, please send an email to [BCCInfo@SJRstate.edu](mailto:BCCInfo@SJRstate.edu).

## GENERAL EDUCATION COURSES:

	ENC	1101	Composition I.....	3
+	ENC	1102	Composition II.....	3
+*	_____	_____	General Education Mathematics.....	3
+*	_____	_____	General Education Humanities.....	3
*	_____	_____	General Education Social Science.....	3

## DEGREE SPECIFIC COURSES:

+	CET	1178C	Computer Hardware Support Essentials.....	3
+	CET	1600C	Network Fundamentals.....	3
+	CET	2179C	Computer Software Support Essentials.....	3
+	CET	2565C	Introduction to Server Operating Systems.....	3
+	CET	2610C	Routing Protocols and Concepts.....	3
+	CET	2615C	LAN Switching and Wireless.....	3
+	CET	2620C	Accessing the WAN.....	3
+	CET	2660C	Network Security Essentials.....	3
+	CET	2883C	Attack Prevention and Detection.....	3
+	CGS	1060	Introduction to Computer Concepts.....	3
+	CGS	1560C	Microcomputer Operating Systems.....	3
+	COP	1000	Introduction to Computer Programming.....	3
+	CTS	2111C	Linux Server Administration.....	3

## ELECTIVES (CHOOSE ANY 6 CREDIT HOURS)

	CAP		(Any CAP course).....	3-6
	CET		(Any CET course).....	3-6
	CGS	1100	Microcomputer Application Software.....	3
+	CGS	2545	Database Concepts for Business.....	3
+	CGS	2811C	Disaster Recovery Fundamentals.....	3
+	CGS	2820	Web Page Design and Publishing.....	3
+	CGS	2930	Special Topics in Computer Studies.....	3
+	CGS	2949	Computer Information Technology Capstone.....	3
+	CIS	2321	Information Systems.....	3
	COP		(Any COP course).....	3-6
	CTS		(Any CTS course).....	3-6
	ETS		(Any ETS course).....	3
	GIS		(Any GIS course).....	3-6

## REQUIRED TOTAL CREDIT HOURS

60

\*Refer to A.A. degree general education requirements.

+Prerequisite course required. See course descriptions in catalog.

NOTE: The CISCO Lab is located on the Orange Park campus. The following courses are only taught in the CISCO Lab: CET 1600C, CET 2610C, CET 2620C, and CET 2615C. Most of the courses requiring lab component will be offered as hybrid classes. In hybrid courses, theory and concepts are taught online and students are required to attend campus to complete lab requirements.

Courses are listed alphabetically. This is not the order in which courses should be taken. Please see the program plan/course rotation to see the order in which courses should be taken.

