COMPUTER FOUNDATIONS CERTIFICATE

Program Code: T.PCF.CER

Certificate

Graduation requirement — 17–19 semester hours

This certificate covers the basics of Windows and Linux operating systems, PC repair, and basic networking. Upon completion, students are prepared for entry-level PC support positions.

Suggested Sequence

FALL	SPRING
1st Semester	*2nd Semester*
CIS 112 or CIS 117	CSC 130
CSC 133	CSC 128
	elective

Required Program Courses (14–16 hours)   Cr. Hrs.

CIS 112	Computing Essentials	4
or CSC 117*	Google IT Support Professional.	6
CSC 128	Introduction to Linux	3
CSC 130	Introduction to Computer Networks.	3
CSC 133	PC Hardware and OS Maintenance.	4

Elective Course (3 hours)

Choose from the following:

CIS 152	Web Design and Development I	3
CIS 134	Spreadsheet Applications (MS Excel).	3
CIS 138	Database Applications (MS Access)	3

Total Semester Credit Hours   *17–19*

GOOGLE IT SUPPORT PROFESSIONAL CERTIFICATE

Program Code: T.GOG.CER

Certificate

Graduation requirement — 6 semester hours

This certificate covers the fundamentals of IT support critical for success in entry-level IT support jobs. Includes troubleshooting and customer service, networking, operating systems, system administration, and security. Upon completion, students are prepared for entry-level PC support positions.

Program Notes*

Successful completion of CSC 117 earns the student a Google-issued industry-recognized credential as an IT support professional.

Suggested Sequence

FALL	OR	SPRING
1st Semester		*1st Semester*
CSC 117		CSC 117

Required Program Courses (6 hours)   Cr. Hrs.

CSC 117	Google IT Support Professional.	6

Total Semester Credit Hours   *6*

LINUX ADMINISTRATION CERTIFICATE

Program Code: T.LIN.CER

Certificate

Graduation requirement — 9 semester hours

This certificate prepares students with advanced skills for working with Linux operating systems. Topics include troubleshooting and configuration.

Suggested Sequence

SUMMER	*FALL*	*SPRING*
1st Semester	*2nd Semester*	*3rd Semester*
CSC 128	CSC 171	CSC 271

Required Program Courses (9 hours)   **Cr. Hrs.**

CSC 128	Introduction to Linux	3
CSC 171	Linux Installation and Administration.	3
CSC 271	Linux Administration II	3

Total Semester Credit Hours   *9*

MICROSOFT ADMINISTRATION CERTIFICATE

Program code: T.MSA.CER

Certificate

Graduation requirement — 10 semester hours

This certificate gives students advanced skills for working with Windows Operating Systems (workstation and server) troubleshooting, configuration, and design.

Suggested Sequence

FALL	*SPRING*
1st Semester	*2nd Semester*
CSC 133	CSC 151
CSC 153	

Required Program Courses (10 hours)   **Cr. Hrs.**

CSC 133	PC Hardware and OS Maintenance.	4
CSC 151	MS OS Workstation.	3
CSC 153	MS OS Server	3

Total Semester Credit Hours   *10*

CISCO NETWORKING CERTIFICATE

Program Code: T.CIS.CER

Certificate

Graduation requirement — 15 semester hours

This certificate program prepares students with advanced skills for working with computer networks, Cisco routers, and switches. Wired and wireless networks are covered for troubleshooting, configuration, design, and repair.

Program Note*

CSC 115 and CSC 116 are eight-week classes; CSC 115 is taught during the first half of the semester and CSC 116 follows during the second half.

Suggested Sequence

FALL	*SPRING*
1st Semester	*2nd Semester*
CSC 130	CSC 115*
	CSC 116
	CSC 150
	CSC 251

Alternate Suggested Sequence

FALL	*SPRING*	*FALL*	*SPRING*
1st Semester	*2nd Semester*	*3rd Semester*	*4th Semester*
CSC 130	CSC 115*	CSC 150	CSC 251
	CSC 116		

Required Program Courses (15 hours)   **Cr. Hrs.**

CSC 115	Advanced Networking I	3
CSC 116	Advanced Networking II.	3
CSC 130	Introduction to Computer Networks.	3
CSC 150	Wireless Networking and Emerging Technologies	3
CSC 251	Advanced Topics in Computer Security	3

Total Semester Credit Hours   *15*