KILGORE COLLEGE

Computer and Information Technology (CIT)

The Computer and Information Technology program prepares students for careers in one of the fastest growing fields in the nation. Students can earn a certificate and/or an associate of applied science degree in one of three specialties, each focused on a different set of skills and interests within the IT field.

CIT – Computer Support Specialist +CSSP

The Computer Support Specialist degree prepares students to work as computer support specialists or help desk technicians. Students learn to install and configure computer hardware and software, maintain computer systems, troubleshoot computer problems, and assist end users in working with new hardware and software. Students have the option of taking the CompTIA A+, MCSA, and MOS certification exams for industry recognition.

First Year

First Semester

Course		Semester Hours
BCIS 1305	Business Computer Applications	3
CPMT 1305	IT Essentials I: PC Hardware and Software	3
ITMT 1358	Windows Client Operating System	3
ITSE 1359	Introduction to Scripting Languages	3
ITSY 1342	Information Technology Security	3
		15

Second Semester

Course		Semester Hours
EECT 1300	Technical Customer Service	3
ITCC 1314	CCNA 1: Introduction to Networks	3
ITSC 1315	Project Management Software	3
ITSC 1316	Linux Installation and Configuration	3
ITSW 2334	Advanced Spreadsheets	3
	15	

Second Year

First Semester

Course		Semester Hours
COSC 1336	Programming Fundamentals I	3
ITSC 1319	Internet/Web Page Development	3
ITSW 2337	Advanced Database	3
ENGL 1301	Composition I	3
……………	Speech Elective	3
		15

Second Semester

Course		Semester Hours
CPMT 2250	Industry Certification Preparation**	2
ITSC 1164	Practicum – Computer & Information Sciences, General**	1
....	Programming Elective (select one course from list below)	3
MATH	MATH 1314 or MATH 1332 or higher	3
....	Humanities/Fine Arts Elective	3

....	Social & Behavioral Science Elective	3
		15
	Total Hours	**60**

Programming Elective: COSC 1337 Programming Fundamentals II, IMED 2315 Web Design II, or ITSE 2309 Database Programming.

+ Course of study identification number.
** Capstone Experience.
Note: A student who completes the required courses with an overall average of C may receive an Associate of Applied Science degree.