COMPUTER INFORMATION SCIENCE (CIS)
(Wallace and Sparks Campuses)

Recognizing the role of the computer and individuals with computer skills in the world of today, the College offers a Computer Information Science program with appropriate options for students. These programs are for students who are interested in Analysis, Operations, Programming, Systems Engineering, or related jobs in the Computer Science field. Students are expected to possess proficient keyboarding skills.

An associate in applied science degree can be earned in Computer Information Science with major concentrations in Computer Programming or Microcomputer Specialist. To receive an associate in applied science degree, students must complete General Education core requirements, Computer Information Science core requirements, and additional courses to satisfy the requirements in the chosen area of concentration. Students completing Computer Information Science core requirements, all courses in a particular area of concentration, as well as CIS 146, ENG 101, MTH 100, and SPH 106 or 107 will be awarded a program certificate.

Admission is conditional and depends on the student's ability to perform the essential functions identified for this program. Reasonable accommodations are considered.

DEGREE CURRICULUM

Course		Credit Hours
Area I:	**Written and Oral Communications**	**9**
ENG 101	English Composition I	3
ENG 102	English Composition II **OR**	
ENG 130	Technical Report Writing	3
SPH 106	Fundamentals of Oral Communication **OR**	
SPH 107	Fundamentals of Public Speaking	3
Area II:	**Humanities and Fine Arts**	**3**
	Humanities/Fine Arts Elective	3
Area III:	**Natural Sciences, Mathematics, and**	
	Computer Science	**9**
CIS 146	Microcomputer Applications	3
MTH 100	Intermediate College Algebra	3
	Science/Computer Science/Math Elective	3
Area IV:	**History, Social and Behavioral Sciences**	**3**
	History/Behavioral Science/Social Science Elective	3
Area V:	**Career and Technical Courses**	
Required Orientation Courses		
ORI 101	Orientation to College **OR**	
ORI 105	Orientation and Student Success	1-3
ORI 104	WorkKeys® Assessment and Advisement	1
Computer Information Science Core Requirements		
BUS 241	Principles of Accounting I	3
CIS 150	Introduction to Computer Logic and Programming	3
CIS 113	Spreadsheet Software Applications	3
CIS 117	Database Management Software Applications	3
CIS 161	Introduction to Network Communications	3

CIS 185	Computer Ethics	3
CIS 207	Introduction to Web Page Development	3
CIS 208	Intermediate Web Page Development	3
CIS 212	Visual Basic Programming	3
CIS 268	Software Support	3
CIS 269	Hardware Support	3
	Total Computer Information Science Core Credits	**33**

COMPUTER PROGRAMMING CONCENTRATION

Course		Credit Hours
Area V:	**Required Field of Concentration Courses**	**9**
CIS 251	C++ Programming	3
CIS 285	Object-Oriented Programming	3
	Computer Science Elective	3
	Total Computer Programming Credits	**9**
	Total Credits for Degree	**68**

MICROCOMPUTER SPECIALIST CONCENTRATION

Course		Credit Hours
Area V:	**Required Field of Concentration Courses**	**9**
OAD 125	Word Processing	3
OAD 126	Advanced Word Processing	3
	Computer Science Elective	3
	Total Microcomputer Specialist Credits	**9**
	Total Credits for Degree	**68**

Computer Information Science
Associate in Applied Science Degree
Suggested Course Sequence—Year One

FIRST SEMESTER		SECOND SEMESTER		THIRD SEMESTER	
CIS	146	CIS	113/117	BUS	241
CIS	150	CIS	185	CIS	117/113
ENG	101	CIS	273/268/269	CIS	212
MTH	100	ENG	101/102	SPH	106 or 107
ORI	101 or 105	Science/Math Elective		History/Social and Behavioral Sciences Elective	
ORI	104				

Computer Information Science
Associate in Applied Science Degree
Suggested Course Sequence—Year Two

FIRST SEMESTER		SECOND SEMESTER	
CIS	207	CIS	161/268/269
CIS	251 or OAD 125	CIS	208
CIS	268/269/273	CIS	285 or OAD 126
Humanities/Fine Arts Elective		Computer Science Elective	