SOUTHERN UNION
STATE COMMUNITY COLLEGE
Success Guide
INFORMATION SYSTEMS
Associate in Applied Science

Semester	Course Prefix and Number	Course Description	Credit Hours	Area
1	CIS 130*	Introduction to Information Systems	3	V
	ENG 101	English Composition I	3	I
	CIS 146	Microcomputer Applications	3	V
	CIS 199	Network Communications (Fall Only)	3	V
	BUS 100	Introduction to Business	3	V
		Semester Total	15	
2	CIS 157	Introduction to App Development with Swift (Spring Only)	3	V
	CIS 251	C++ Programming (Spring Only)	3	V
	CIS 268	Software Support (Spring Only)	3	V
	CIS 269	Hardware Support (Spring Only)	3	V
	SPH 106 or SPH 107	Fundamentals of Oral Communication or Fundamentals of Public Speaking	3	II
		Semester Total	15	
3	CIS 207	Introductions to Web Development (Fall Only)	3	V
	CIS 222	Database Management (Fall Only)	3	V
	CIS 256	Advanced Java Programming (Fall Only)	3	V
	BUS 215	Business Communication	3	V
	MTH 100	Intermediate Algebra or higher-level math	3	III
		Semester Total	15	
4	CIS 246	Ethical Hacking (Spring Only)	3	V
	CIS 277 or BUS 296	Network Services Administration (Spring Only) or Business Internship	3	V
	ECO 231 or ECO 232	Principles of Macroeconomics or Principles of Microeconomics	3	IV
	ART 100 or MUS 101 or THR 120	Art Appreciation or Music Appreciation or Theater Appreciation	3	II
	BIO 101	Biology I or other natural science	4	III
		Semester Total	16	
		Total Hours	61	

Information Systems Certificate – 45 Credit Hours

NOTE: Classes may be taken in any semester if prerequisites are met.
*CIS 130 may be challenged.

SOUTHERN UNION
STATE COMMUNITY COLLEGE

INFORMATION SYSTEMS
COMPUTER NETWORK SUPPORT
CTE Short-Term Certificate

Course Prefix and Number	Course Description	Credit Hours	Area
CIS 130* or CIS 146	Introduction to Information Systems or Microcomputer Applications	3	V
CIS 199	Network Communications (Fall Only)	3	V
CIS 246	Ethical Hacking (Spring Only)	3	V
CIS 251	C++ Programming (Spring Only)	3	V
CIS 256	Advanced Java Programming (Fall Only)	3	V
CIS 268	Software Support (Spring Only)	3	V
CIS 269	Hardware Support (Spring Only)	3	V
CIS 277	Network Services Administration (Spring Only)	3	V
	Total Hours	24	

INFORMATION SYSTEMS
HARDWARE AND SOFTWARE SUPPORT
CTE Short-Term Certificate

Course Prefix and Number	Course Description	Credit Hours	Area
CIS 130* or CIS 146	Introduction to Information Systems or Microcomputer Applications	3	V
CIS 268	Software Support (Spring Only)	3	V
CIS 269	Hardware Support (Spring Only)	3	V
	Total Hours	9	

INFORMATION SYSTEMS
APP DEVELOPMENT WITH SWIFT
CTE Short-Term Certificate

Course Prefix and Number	Course Description	Credit Hours	Area
CIS 157	Introduction to App Development with Swift (Spring Only)	3	V
CIS 220	App Development with Swift I (With Instructor Approval)	3	V
CIS 151	Graphics for the World Wide Web (With Instructor Approval)	3	V
CIS 227	App Development with Swift II (With Instructor Approval)	3	V
	Total Hours	12	

NOTE: Classes may be taken in any semester if prerequisites are met.
*CIS 130 may be challenged.