



**Local Articulation**  
(Recommended Graduation Plan)

College: **Southwest Texas Junior College**

Career Cluster: **Information Technology**

Plan: **Associate of Applied Science (AAS): Computer Information Systems (CIS)**

HIGH SCHOOL/SECONDARY					COLLEGE/POSTSECONDARY			
Subject	Freshman	Sophomore	Junior	Senior	Semester I	Semester II	Semester III	Semester IV
ENGLISH (4)	English I	English II	English III	English IV	Learning Framework EDUC 1100 or College Success Skills COLS 0300	<b>Computer Programming (3) ITSE 1302</b>	<b>ELECTIVE Web Design I (4) IMED 1316</b>	ELECTIVE Technical Elective
MATH (3)	Algebra I	Geometry	Advanced Math Course		<b>Beginning Keyboarding (1) POFT 1329</b>	Routers ITNW 2312	Information Technology Security ITSY 1342	Operating System Security ITSY 2300
SCIENCE (3)	Biology	Integrated Physics and Chemistry		Advanced Science Course	<b>Introduction to Computers (2) ITSC 1301</b>	Computer Virtualization ITNW 1313	Supporting Network Server Infrastructure ITNW 1353	Implementing and Supporting Servers ITNW 1454
SOCIAL STUDIES (3)	U.S. History	U.S. Government (1/2 credit)	Economics (1/2 credit)	World History or Geography	Introduction to PC Operating Systems ITSC 1305	ELECTIVE Select from General Education Core	Introduction to Database ITSW 1307	Cooperative Education - Computer and Information Sciences- General ITSC 2280
FOREIGN (2) LANGUAGE	2 Credits in the same language OR two credits from Computer Science I, II, and III				Fundamentals of Networking Technologies ITNW 1325	Composition II ENGL 1302	ELECTIVE Social and Behavioral Sciences	ELECTIVE Humanities and Fine Arts
FINE ARTS (1)	Communication / Fine Arts				Personal Computer Hardware ITSC 1325			
PHYSICAL EDUCATION (1)	Physical Education				College Algebra MATH 1314			
ELECTIVES	<p align="center"><b><u>Computer Information Systems Courses</u></b></p> <p>(1.) Touch Systems Data Entry (1/2-1)            (2.) Business Information Management I (1-2) (or) Principles of Information Technology (1/2-1)            (3.) Computer Programming (1/2-1)            (4.) Web Technologies (1/2-1)</p>				Composition I ENGL 1301			<i>Revised 8/16/2018</i>

**Total possible college credits completed in high school = 12**