

TSCC Degree Pathway – Computer Information Systems

Complete College America

(12 + 12 + 6 = 30)

This template serves as both an advising resource and a course planning guide for faculty and students. Please complete the tables for Semesters 1–2 and 4–5 with a minimum of 12 credit hours per semester, which should be equivalent to at least four courses. The first semester should include both a Math and an English course among the required courses, if applicable to the program. Additional courses may be added to any semester to increase the total credit hours.

Semester 1				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
ENG101 – English Comp I	3	0	I	*AccuPlacer Exam may be needed to determine placement
MTH100 – Intermediate Algebra	3	0	III	*AccuPlacer Exam may be needed to determine placement
CIS146 – Microcomputer Applications	3	0	V	
CIS149 – Introduction to Computers	3	0	V	
4 Classes Total				
ORI101 – Orientation to College	1	0	V	
5 classes total				

Additional Course

12 Credit hr. Minimum

Semester 2				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
ENG102 – English Comp II	3	0	I	
MTH110, MTH112, BIO101 or BIO103	3	0	III	Choose 1 course
CIS 117 Database Mgmt Systems	3	0	V	
CIS 152 Intro to Data Manipulation	3	0	V	
4 Classes Total		0		
CIS 201 Intro to Computer Programming	3	0	V	
5 Classes Total				

Additional Course

12 Credit hr. Minimum

Summer Semester				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
CIS 171 Linux I	3	0	V	
MUS101 or ART100	3	0	II	
2 Classes Total		0		
CIS 207 Web Development	3	0	V	
3 Classes Total				

Additional Course

6 Credit hr. minimum

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Semester 4				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
PSY200 or HIS 101, 121, 201	3	0	IV	
CIS 209 Adv Web Development	3	0	V	
CIS 238 AWS Cloud Computing	3	0	V	
CIS 101A Computer Applications Lab	1	0	V	
CIS 268 Software Support	3	0	V	
4 Classes/1 Lab Total				
CIS 200 Software Design	3	0	V	Or Concentration Elective
5 classes total				

Additional Course

12 Credit hr. Minimum

Semester 5				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
CIS 269 Hardware Support	3	0	V	
CIS 101B Computer Applications Lab	1	0	V	
CIS 270 CISCO/CCNA I	3	0	V	
CIS 284 CIS Internship or CIS 182 Helpdesk Applications	3	0	V	
CIS 281 Systems Analysis & Design	3	0	V	
4 Classes/1 Lab Total				
CIS 211 Principles of Info Assurance	3	0	V	Or Concentration Elective
5 Classes Total				

Additional Course

12 Credit hr. Minimum

Summer Semester				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
CIS 280 Network Security	3	0	V	
CIS 165 Network Lab	1	0	V	
CIS 265 End User & Desktop App Support I	3	0	V	Or Concentration Elective
2 Classes/ 1 Lab Total				
N/A				
3 Classes Total				

6 Credit hr. Minimum