

**Computer Information Systems
Associate of Applied Science**

Texas Southmost College
Science, Technology, Engineering & Mathematics Division

Graduates from the Associate of Applied Science in Computer Information Systems support the Information Technology (IT) operations in productive sectors such as industry, businesses, education, services and government. Areas of application include computer maintenance, computer networking, databases and digital media production. Employment opportunities include IT support services technician, computer information systems specialist and computer technician.

FIRST YEAR - FALL SEMESTER CREDIT HOURS

COSC 1301+ Introduction to Computing	3
MATH 1314+ College Algebra	3
ITSC 1325+ Personal Computer Hardware	3
IMED 1416+ Web Design I.....	4
XXXX X3XX ¹ Language, Philosophy and Culture/Creative Arts Elective	3

FIRST YEAR - SPRING SEMESTER

ITSE 2409+ Database Programming	4
ITNW 2413+ Networking Hardware.....	4
ENGL 1301+ Composition I	3
IMED 2415+ Web Design II.....	4

SECOND YEAR - FALL SEMESTER

ITSE 2310+ IOS Application Programming	3
ITNW 2405+ Network Administration	4
ENGL 1302 Composition II	3
XXXX X3XX ² Social and Behavioral Sciences Elective	3
SPCH 1315 Public Speaking	3

SECOND YEAR - SPRING SEMESTER

COSC 1336+ Programming Fundamentals I.....	3
ITSE 1350+ System Analysis and Design.....	3
ITSW 2365+ Practicum (or Field Experience) - Data Processing and Data Processing Technology/Technician.....	3
ITNW 2412+ Routers	4

TOTAL CREDIT HOURS FOR GRADUATION - 60

* Grade of "C" or better is required for graduation.

¹ Language, Philosophy & Culture/Creative Arts Electives: Any General Education Core course that meets these categories

² Social and Behavioral Sciences Electives: Any General Education Core course that meets this category

TSI Requirement (Texas Success Initiative - any other state-approved test) - Student must pass all three sections of state-approved test to graduate with this degree.