

# CIT, APPLICATIONS PROGRAMMING, CERTIFICATE OF TECHNOLOGY



## Program Information

Do you want to know how software works? Do you want to write your own programs and apps? How would you like to design a program, write it, test it, and see it come to life? If so, San Jacinto College's computer information technology program might be the right program for you! It is designed to prepare graduates to continue to the university to complete a computer information systems or computer science degree. San Jacinto College's Computer Information Technology (CIT) curriculum:

- Is designed to provide the student with an understanding of the principles of information technology, experience with techniques of information technology, and competence in the application of computer information systems;
- Places an emphasis on computer information technology and the use of computer languages in the solution of business and some scientific problems; and
- Will prepare entry-level application developers for employment in the area of business software application development.

Graduates of this program will have designed, written, tested, and debugged programs in several major programming languages in both individual and team-oriented settings.

## Additional Information

For students seeking a certificate of technology and/or Associate of Applied Science (AAS) degree, the College recommends completion of the 21 credit hour CIT foundations occupational certificate before continuing into a certificate of technology or AAS degree. The classes in the CIT foundations certificate will apply toward most of the other CIT certificates of technology and AAS degrees. Due to variations in requirements at four-year colleges and universities, the College strongly advises students desiring to pursue a bachelor's degree in Computer Science to consult the CIT Department Chair at San Jacinto College and at the institution to which they wish to transfer to review the appropriate transfer degree plans to the designated university.

## Career Opportunities

Students who graduate from San Jacinto College with a degree or certificate in programming pursue careers as:

- Software Developers,
- Computer Systems Analysts,
- Entry (Junior Level) Programmers,
- Programmer Analysts,
- Software Applications Specialists,
- Software Designers, and
- Software/Application Support.

For more information, students may contact, Central campus, 281-476-1836; North campus, 281-998-6150, x7242; or South campus, 281-998-6150, x3502

## Campuses

Central Campus  
North Campus  
South Campus