

COMPUTER INFORMATION TECHNOLOGY ASSOCIATE IN SCIENCE DEGREE

The Associate in Science Computer Information Technology degree program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Information Technology field.

This program includes the following certificates:

- Information Technology Analysis, College Credit Certificate (27 credits) (<https://lssc-public.courseleaf.com/academic-programs/college-credit-certificate-programs/information-technology-analysis-college-credit-certificate/>)
- Information Technology Support Specialist, College Credit Certificate (18 credits) (<https://lssc-public.courseleaf.com/academic-programs/college-credit-certificate-programs/information-technology-support-specialist-college-credit-certificate/>)

Academic Advising

- advising@lssc.edu 352-787-3747

Career Development Services

- Careers@lssc.edu 352-323-3603

Program Contact Information

- Dr. Christopher Sargent, Associate Vice President of Workforce Programs CIT@lssc.edu (cit@lssc.edu) 352-323-3635
- Workforce Programs Main Office 352-435-5024

Program Requirements

Code	Title	Hours
General Education Courses		
ENC 1101	College Composition I	3
	Select a State Core Course from Area II: Humanities ¹	3
POS 2041	American National Government	3
	or AMH 2020 U.S. History Since 1877	
	Select a State Core Course from Area IV: Mathematics ¹	3
	Natural Sciences State Core ¹	3
Introductory Courses		
CGS 1100	Business Computer Applications	3
CTS 1155	Help Desk Customer Service	3
CGS 1000	Introduction to Information Technology	3
CAI 1000	Introduction to Artificial Intelligence	3
CTS 1138C	PC Hardware and Operating Systems (A+)	3
Intermediate Courses		
GEB 2214	Business Communications	3
CTS 2134	Network+ Concepts	3
CTS 2142	Project Management Concepts	3
COP 2700	Database and SQL Concepts	3
CIS 2941	Internship in Computer Information Technology	3

Advanced Courses

CET 2660	Network Security Fundamentals	3
CTS 2334	Server Administration	3
CIS 2321	Systems Analysis & Design	3

Program Electives

Select six credits from the following: ^{2,3} 6

MAT 1033	Intermediate Algebra	
MGF 1100	Introduction to Mathematical Thinking	

Any CGS, CTS, CET, CEN, COP, CIS, CAI, MAD course not listed above.

The HIM course below may be taken to prepare for the CITCM-PP certification:

HIM 1211	Basic Health Information Technology	
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Total Hours 60

¹ See course options. (<https://lssc-public.courseleaf.com/academic-programs/general-education-requirements/>)

² Students should check with transfer institution before selecting course to guarantee transferability.

³ It is strongly recommended that professional electives be selected in consultation with a Computer Information Technology faculty member.

Students should make an appointment to meet with the Program Director to discuss the program prior to or shortly after enrolling.

Only required courses for an LSSC degree or qualifying certificate program are eligible for federal financial aid. Verify course choices and avoid charges by making an appointment with an academic advisor.

Students must earn a grade of C or higher in all introductory, intermediate, advanced, and program elective courses.

Civic Literacy Requirement

As per the amended Florida Rule 6A-10.02413, prior to the award of a specialized associate in arts transfer degree, associate in arts, associate in science, or baccalaureate degree, LSSC students under the 2022-2023 Catalog and thereafter must demonstrate competency in civic literacy through one of the following options prior to graduation:

- successfully passing POS 2041 American National Government or AMH 2020 U.S. History Since 1877, or AMH 2010 U.S. History to 1877 (beginning Fall 2024 forward), or AMS 2010 Civil Discourse and the American Political Order and achieving a 60% or higher on the Florida Civic Literacy Exam, or
- successfully passing a prescribed assessment:
 - AP Government & Politics Test: United States (passing score of 3), or
 - AP U.S. History Test (passing score of 4), or
 - CLEP: American Government (passing score of 50)
 - CLEP: History of the United States I (passing score of 50)

To verify your Civic Literacy Requirement, please visit Degree Works (<https://degreeworks.lssc.edu/>)

For information about career options, visit www.lssc.edu/careers (<http://www.lssc.edu/careers>).

Students must complete 25% of each program's total credit hours at LSSC.