

Associate in Science

Computer Programming & Analysis

60 Credit Hours

College Credit Certificate

Information Technology Support Specialist 18 Credit Hours

Computer Programming Specialist 18 Credit Hours

Computer Programmer 33 Credit Hours



SCHOOL OF BUSINESS AND TECHNOLOGY

www.FSW.edu/sobt

2025 – 2026 Program Planning Worksheet / 2 Year Plan

NOTICE TO STUDENTS: This document is not to be considered an official program of study, rather a worksheet for preliminary planning purposes. Many courses have *minimum grade* and/or *prerequisite requirements* as outlined in the college catalog *Many courses are not offered every term*. Students should work with a Student Success Coordinator in the School of Business and Technology.

Student Name: _____ Student ID Number: _____

COMPUTER PROGRAMMING & ANALYSIS, AS DEGREE REQUIREMENTS

AS, Computer Programming & Analysis General Education Requirements		Credit Hours	Prerequisite(s)	Offered every term?	Offered online?	Met √	Notes: General Education Program Guide: Courses specified as Core Social Science, Humanities, Mathematics, and Natural Science should be selected from courses listed in the FSW College Catalog.
ENC 1101 Composition I		3	Varies/See Advisor	Yes	Yes		
ENC 1102 Composition II OR ENC 2210 Technical Writing		3	ENC 1101	Yes	Yes		
General Education Core Mathematics (Recommended: MAC 1105 or STA 2023)		3	Varies/See Advisor	Yes	Yes		
General Education Core Natural Science		varies	Varies/See Advisor	Varies	Varies		
General Education Core Humanities		3	Varies	Varies	Varies		
General Education Core Social Sciences (Students required by F.A.C. 6A-10.02413 to demonstrate Civic Literacy should take AMH 2010 or AMH 2020 or POS 2041)		3		Yes	Yes		
Florida Civic Literacy Competency Exam – <i>this is not a course</i>		0	Varies/See Advisor	Yes	Yes		
TOTAL GENERAL EDUCATION CREDIT HOURS		18					
AS, Computer Programming & Analysis Core Requirements*	Credit Hours	Prerequisite(s)	Offered every term?	Offered online?	Met √		
CGS 1100 Computer Applications for Business ¹	3		Yes	Yes			
CTS 1133 Computer Software	3		Yes	Yes			
CTS 1131 Computer Hardware	3		Yes	Yes			
CIS 2321 Systems Analysis and Design	3	CGS 1100	Varies, Always Spring	Lee Campus			
MAN 2021 Management Principles	3		Yes	Yes			
COP 1000 Introduction to Computer Programming	3		Yes	Yes			
COP 1822 Internet Programming HTML	3	COP 1000	Fall Only	Lee Campus			
COP 2800 Java Programming	3	COP 1000	Fall Only	Lee Campus			
COP 2823 Advanced Web Development OR COP 2830 Internet Programming HTML II	3	Varies	Spring Only	Lee Campus			
COP 2360 C# Programming I	3	COP 1000	Fall Only	Lee Campus			
COP 2362 C# Programming II	3	COP 2360	Spring Only	Lee Campus			
COP 2700 Database Programming	3	CGS 1100	Varies	Varies			
TOTAL CORE CREDIT HOURS		36					
Required AS, Computer Programming & Analysis Electives							
Specified Elective: Any 1000 or 2000 level with a COP, CGS, CET, CTS, CNT, CIS or CAP	3	Varies	Varies	Varies			
Open Elective (Any 1000 or 2000 level course)	3	Varies	Varies	Varies			
TOTAL ELECTIVE CREDIT HOURS		6					
TOTAL CREDIT HOURS REQUIRED AS, Computer Programming & Analysis		60					

OPPORTUNITY:
Ask a Student Success
Coordinator/Advisor about Gold
Standard Articulation
(CompTIA A+) or completing
the embedded College Credit
Certificate(s), which are also
available as standalone
programs.

Graduation:
All program requirements must
be met to be eligible for
graduation, including a
minimum overall GPA of 2.0.
Students must indicate their
intention to attend the
commencement ceremony by
completing the “Commencement
Form” by the published
deadline.
Make an appointment with a
Student Success
Coordinator/Advisor to ensure
you are on track to graduate.

**All courses have a minimum
grade requirement of “C” or
better to count toward this
degree program.*