

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

2021 – 2022 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. Students should work with a Student Success Coordinator/Advisor 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 √
ENC 1101 Composition I	3	Varies/See Advisor	Yes	Yes	
ENC 1102 Composition II	3	ENC 1101	Yes	Yes	
Gen Ed Mathematics* Recommended: MAC 1105 College Algebra OR STA 2023 Statistical Methods I	3	Varies/See Advisor	Yes	Yes	
SPC 1017 Fundamentals of Speech OR SPC 2608 Intro to Public Speaking	3	ENC 1101	Yes	Yes	
PHI 2100 Introduction to Logic	3		Varies	Varies	
Gen Ed Social Sciences* Recommended: ECO 2013 Macroeconomics	3		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^*	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 OR CGS 2108) & CTS 1131* & CTS 1133*	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** (or COP 1170 Visual Basic I or COP 1224 C++)	3	COP 1000	Fall Only	Lee Campus	
COP 2362 C# Programming II** (or COP 2171 Visual Basic II or COP 2228 Advanced C++)	3	First Language in Sequence	Spring Only	Lee Campus	
COP 2700 Database Programming	3	CGS 1100*	Varies	Varies	
Specified Elective: Any 1000 or 2000 level with a COP, CGS, CTS, CNT, CIS or CAP	3	Varies	Varies	Varies	
Open Elective (Any 1000 or 2000 level course) Recommended: SLS 1515 Cornerstone Experience**	3		Yes	Yes	
TOTAL CORE CREDIT HOURS	42				
TOTAL CREDIT HOURS REQUIRED AS, COMPUTER PROGRAMMING	60				

***General Education Program Guide:** Courses specified as Mathematics & Social Sciences should be selected from courses listed in the FSW College Catalog's.

****Important Explanation of Programming Language Sequence:** The programming language sequence requires students to select one language and take the pair of courses in the sequence of that language. (Ex: COP 2360 and COP 2362) FSW is only teaching C# at this time. C++ or VB would need to be achieved through FloridaShines (virtual campus)

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

NOTE: Course sequences provided on the second page are formatted to help ensure the most direct path to program completion. Deviation may add to the overall time to complete the degree, as many courses require prerequisites or are not offered every term.

Graduation: All program requirements must be met in order to be eligible for graduation. 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.