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

FLORIDA SOUTHWESTERN STATE COLLEGE
SCHOOL OF BUSINESS AND TECHNOLOGY
www.FSW.edu/sobt

2024 – 2025 Program Planning Worksheet / 2 Year Plan

NOTICE TO STUDENTS: This document is <u>not</u> 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:
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 2020 or POS 2041)	3		Yes	Yes		**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.
Florida Civic Literacy Competency Exam – *this is not a course*	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		**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.
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		**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.
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**					

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

May 25, 2023