



# ARTICULATED PRE-MAJOR: INFORMATION TECHNOLOGY (UNIVERSITY OF SOUTH FLORIDA)

## Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to the University of South Florida as a junior to complete a four-year bachelor's degree in Information Technology. If this pre-major transfers to a limited access program, you are responsible for completing the specific requirements of the institution to which you will transfer as completion of this Pre-Major does not guarantee admission to an upper division limited access program. For specific transfer information, meet with a Valencia advisor or Academic Dean to review your transfer plans, and check the transfer institution catalog for specific degree requirements. Students are strongly encouraged to take electives that relate to their intended baccalaureate degree program.

### Helps prepare you for the following careers:

- Programmer (IT)
- Computer Engineer
- Computer System Auditor
- Systems Designer (IT)
- Electronics Engineer

For specific information on these careers, visit Career Development Services on a Valencia Campus.

#### FOUNDATION COURSES

Course	Title	Credits
+* ENC 1101	Freshman Composition I (GR)	3
+* MAC 1140	<sup>1</sup> Pre-Calculus Algebra (GR)	3
+ PSY 1012	General Psychology	3
SPC 1608	Fundamentals of Speech	3
+* COP 2220	C Programming	3
Science	Select from A.A. Gen Ed Requirement	3
Humanities	Select from A.A. Gen Ed Requirement	3
<b>Total Credits</b>		<b>21</b>

#### INTERMEDIATE COURSES

Course	Title	Credits
+* ENC 1102	Freshmen Composition II (GR)	3
+* MAC 1114	<sup>1</sup> College Trigonometry (GR)	3
	or	
+* PHY 2048C	General Physics w/Calculus I or	
	or	
+* PHY 1053C	Introductory Physics	4
POS 2041	U.S. Government	3
+ CGS 2545	Database Management Systems	3
+* COP 2800	Java Programming	3
<b>Total Credits</b>		<b>19</b>

#### ADVANCED COURSES

Course	Title	Credits
+ ECO 2013	Principles of Economics – Macro	3
+* COT 2104	Foundations of Discrete Math	3
+* Humanities	Hum Prefix (GR)	3
+* STA 2023	Statistical Methods (GR)	3
+* Humanities	(GR)	3
	<sup>2</sup> Elective(s)	5
<b>Total Credits</b>		<b>20</b>
<b>Total Degree Credits</b>		<b>60</b>

<sup>1</sup> +\* MAC 1147 or +\* MAC 2311 can substitute for both these courses.

<sup>2</sup> Students should choose electives from the following list of courses:

* COP 2805	Advanced Java Programming	3
CET 2486C	Local Area Networks	3
* CIS 2910	IT Capstone	4
CET 2178C	A+ Concepts (Hardware)	3
COP 2822	Web Publishing	3

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.