



**GUARANTEED ADMISSION TO USF**

**COLLEGE OF ENGINEERING**  
BACHELOR OF SCIENCE:  
INFORMATION TECHNOLOGY



Graduation Pathway Starting at



Students completing the following courses and requirements in combination with an AA from Polk State College will have automatically satisfied requirements to begin upper level coursework.

## COLLEGE – ENGINEERING

### Intended Program of Study- B.S. Information Technology

- Restrictive Program- **Yes**
- College Application Required- **Yes**
- Tests Required- **None**
- (College) Foreign Language Exit Required- **No**, yet beginning with students initially entering a Florida College System institution or state university in 2014-2015 and thereafter, coursework for an associate in arts degree shall include demonstration of competency in a foreign language.

## PRE-REQUISITE COURSES

### (Common State Pre-requisites) (C or Higher in all courses)

#### USF Courses

PSY 2012  
 STA 2023  
 PHY XXXX (PHY 2020 suggested)  
 ECO 2013  
 MAC XXXX (Any Pre-Calculus Course)  
 COP 2512  
 COP 2513  
 CGS 1540  
 MAD 2104\*\*

#### POLK Course Equivalent

PSY 2012  
 STA 2023  
 PHY 2020  
 ECO 2013  
 MAC 1140  
 COP 2224  
 COP 2800  
 CTS 1441  
 No Direct Equivalency (Consult Advising for Transient Application)

## Start Polk State College

The following course sequence is a guideline for completion of requirements of the A.A. and pre-requisite courses. A unique plan developed in consultation with an advisor at both Polk and USF may differ depending on student circumstances.

### YEAR 1 POLK

#### FALL

ENC 1101 College Composition I 3  
 HUM 2020 Intro to Humanities 3  
 MAC 1105 College Algebra 3  
 CGS 1061\* Intro to Computers 3  
 \*Required Pre-Requisite

**TOTAL: 12**

#### SPRING

ENC 1102 College Composition II 3  
 STA 2023 Intro to Probability & Statistics 3  
 CTS 1441 Database Fundamentals 3  
 COP 1000\* Intro to Programming 3  
 \*Required Pre-Requisite

**TOTAL: 12**

#### SUMMER

PSY 2012 General Psychology 3  
 HLP 1081 Wellness Concepts (\*or HSC 1101) 3  
 ECO 2013 Principles of Macroeconomics 3

**TOTAL: 9**

### YEAR 2 POLK

#### FALL

LIT 1000 Introduction to Literature 3  
 MAC 1140 Pre-calculus Algebra 3  
 COP 2224 Programming in C++ 3  
 Natural Science General Ed. 3

**TOTAL: 12**

#### SPRING

COP 2800 Programming in Java 3  
 PHY 2020C Fundamentals of Physics 4  
 ECO 2023 Principles of Microeconomics 3  
 Humanities General Ed 3  
 MAD 2104 Discrete Math @ USF online 3

**TOTAL: 16**

\*Graduate with A.A. from POLK\*

\*\*\*YEAR 2 Fall/Spring\*\*\*

USF application should be submitted by early spring of year 2 (or last term of year leading into intended transfer) to ensure timely review.

## USF START

### YEAR 3 FALL USE

EGN 3000 Foundations of Engineering	-*
CGS 3303 IT Concepts	3
COP 3515 IT Program Design	3
IT Approved Elective	3
IT Approved Elective	3
INR 3033 International Political Cultures**	3

**TOTAL: 15**

### YEAR 3 SPRING USE

CDA 3101 IT Computer Organization	3
EEL 4854 IT Data Structures & Algorithms	3
CNT 4104 Computer Info. Networks	3
CNT 4104L IT Computer Info. Networks Lab	1
CEN 3722 Human Comp. Interfaces for IT	3
ENC 3246 Communications for Engineers	3

**TOTAL: 16**

### YEAR 4 FALL USE

COP 4610 Operating Systems for IT	3
CEN 4031 Software Eng Concepts for IT	3
COP 4703 Database Systems for IT	3
IT Approved Elective	3
IT Approved Elective	3

**TOTAL: 15**

### YEAR 4 SPRING USE

COP 4930 IT Seminar	1
CIS 4253 Ethical Issues for IT	3
CIS 4935 Senior Project in IT	5
IT Approved Elective	3
IT Approved Elective	3

**TOTAL: 15**

Note: EGN 3000L Foundations of Engineering lab is waived for student admitted with FL AA.

\* College requirement

\*\*Or approved substitution

---

### The following is additional information for the Information Technology major:

- Departmental prerequisites are CGS 1540, COP 2512, COP 2513 & MAD 2104 or their equivalents. These four courses must be completed satisfactorily for admission to the BSIT program.
- Students are expected to cross-enroll in MAD 2104 at USF during their last term at Polk. Please consult an advisor for the proper forms.

Students interested in the Information Technology major can contact [cofe\\_advising@eng.usf.edu](mailto:cofe_advising@eng.usf.edu)

For general transfer advising inquiries please contact [transfer-advising@usf.edu](mailto:transfer-advising@usf.edu)

# fuse

GUARANTEED ADMISSION TO USF

