

This Associate in Arts degree program is designed for students who expect to transfer in any of 16 majors within the College of Engineering at University of Florida

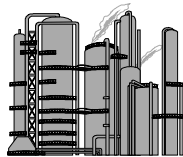
For additional program information, [visit the UF website](#).

Engineers must possess a thorough working knowledge of math and science; an understanding of the legal, economic, environmental, and social restrictions of society; and clear and precise oral and written communication skills. UF engineering majors include aerospace, agricultural/biological, chemical, civil, computer, electrical, environmental, surveying/mapping, industrial, materials science, mechanical, and nuclear engineering.

For more information please visit [The Occupational Outlook Handbook website](#).

*The courses listed on this guide are not to be construed as a contract between the student and Chipola or the University. Course requirements may change each year. You are encouraged to work closely with your advisor.*

## Associate in Arts Degree



### Engineering

### Transfer Institution: University of Florida

Code  
1080

Program Length  
60 credits

#### Entrance Requirements

A minimum overall GPA of 2.0 is required for admission; a minimum GPA of 2.5 is required in all pre-professional courses. A grade of C or better is required on all tracking courses with no more than two attempts. Withdrawals count as attempts. Electrical engineering majors must have a 3.0 GPA in the preprofessional courses for admission.

THE UNIVERSITY OF FLORIDA WILL DENY ADMISSION TO ANY STUDENT WHO HAS NOT SATISFIED THE STATE FOREIGN LANGUAGE ADMISSIONS REQUIREMENT.

All students entering UF are required to possess a personal computer. Check this UF website (<http://www.circa.ufl.edu/computers/>) for a link to specific computer hardware and software configurations for this major.

The courses listed in BOLD are critical tracking courses for this major at UF.

#### FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101	Communication Skills I	4	ENC 1102	Communication Skills II	4
<b>CHM 1045 &amp; 1045L</b>	<b>General Chemistry I with Lab</b>	4	<b>CHM 1046 &amp; 1046L<sup>2</sup></b>	<b>General Chemistry II with Lab</b>	4
XXX XXXX	HUMANITIES	3	<b>MAC 1311</b>	<b>Calculus and Analytic Geometry I</b>	5
XXX XXXX <sup>1,3</sup>	SOCIAL SCIENCE	3	XXX XXXX <sup>1,3</sup>	SOCIAL SCIENCE	3
SLS 1101	Orientation	1			
TOTAL		15	TOTAL		16

#### SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
HUM 2216 or 2233	Humanities w/ Writing	4	XXX XXXX	ELECTIVE	1-3
<b>MAC 2312</b>	<b>Calculus and Analytic Geometry II</b>	4	<b>MAC 2313</b>	<b>Calculus and Analytic Geometry III</b>	4
<b>PHY 2048C &amp; 2048L</b>	<b>Gen Physics I with Calculus &amp; Lab</b>	5	<b>PHY 2049C &amp; 2049L</b>	<b>Gen Physics II with Calculus &amp; Lab</b>	5
COP 2000 <sup>4</sup>	Intro to Computer Programming	3	<b>MAP 2302</b>	<b>Differential Equations</b>	3
TOTAL		16	TOTAL		13-15

<sup>1</sup> Check the UF catalog/website for specific recommendation, if any.

<sup>2</sup> Some programs, such as civil engineering, also require BSC 1005, 2010 or 2011 as a graduation requirement. Check the ISIS website for specifics. Electrical engineering may choose CHM 1046 with lab or BSC 2010/2011 with lab.

<sup>3</sup> Industrial Systems requires ECO 2013 and ECO 2023.

<sup>4</sup> For majors that require a computer applications course, take CIS 1000. Check UF catalog & ISIS for specific information.

# 2004-2005

For more information  
Contact:

Student Services  
Chipola College  
(850) 718-2266

