

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

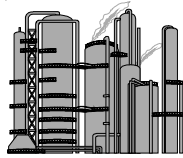
For additional program information, visit the [UF website](#).

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/computer.htm>) for a link to specific computer hardware and software configurations for this major.

#### FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101	Communication Skills I	4	ENC 1102	Communication Skills II	4
CHM 1045 & 1045L <sup>1</sup>	General Chemistry I with Lab	4	CHM 1046 & 1046L <sup>1,3</sup>	General Chemistry II with Lab	4
MAC 1140 & 1114	Precalculus Algebra & Trigonometry	6	MAC 1311 <sup>1</sup>	Calculus and Analytic Geometry I	4
XXX XXXX <sup>2,4</sup>	SOCIAL SCIENCE	3	XXX XXXX <sup>2,4</sup>	SOCIAL SCIENCE	3
SLS 1101 & SLS 1106	Orientation & FYLE (01/2009)	2			
TOTAL		19	TOTAL		15

#### SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
XXX XXXX <sup>6</sup>	GORDON RULE WRITING	4	XXX XXXX	HUMANITIES	3
MAC 2312 <sup>1</sup>	Calculus and Analytic Geometry II	4	MAC 2313 <sup>1</sup>	Calculus and Analytic Geometry III	4
PHY 2048C & 2048L <sup>1</sup>	Gen Physics I with Calculus & Lab	5	PHY 2049C & 2049L <sup>1</sup>	Gen Physics II with Calculus & Lab	5
COP 2000 <sup>5</sup>	Intro to Computer Programming	3	MAP 2302 <sup>1</sup>	Differential Equations	3
TOTAL		16	TOTAL		15

<sup>1</sup> UF critical tracking courses.

<sup>2</sup> Check the UF catalog/website for specific recommendation, if any.

<sup>3</sup> Some programs, such as civil engineering, also require BSC 1005, 2010 or 2011 as a graduation requirement. Check the UF website for specifics. Electrical engineering may choose CHM 1046 with lab or BSC 2010/2011 with lab.

<sup>4</sup> Industrial Systems requires ECO 2013 and ECO 2023.

<sup>5</sup> For majors that require a computer applications course, take CIS 1000. It may be taken at UF; check UF catalog & website for specific information.

<sup>6</sup> Choose 4 hours from the following: AML 2010, AML 2020, ENL 2012, ENL 2022, ENC 1133, HUM 2216, HUM 2233, or SPT 2521.

# 2008-2009

For more information  
Contact:

Student Services  
Chipola College  
(850) 718-2266

