

This Associate in Arts degree program is designed for students who expect to transfer and earn a degree in Civil, Electrical, or Computer Engineering at Florida State University, Panama City Campus.

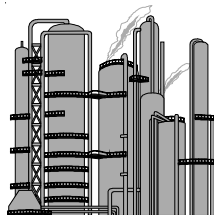
For additional program information, visit the [FSU website](#).

Possible employment areas for civil engineer includes structural, transportation & pipeline, environmental, highway, water resource, construction, & geotechnical engineer; electrical & computer engineer includes electrical, computer, analog circuit design, applications, product development systems, and digital circuit design engineer.

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: Florida State University

Code
1080

Program Length
60 credits

PANAMA CITY CAMPUS

Entrance Requirements

All areas require a minimum overall GPA of 2.5 for admissions. In addition, students must achieve an average GPA of 2.5 or higher in MAC 1311 and 2312, CHM 1045 (and CHM 1046 if chemical engineering) and PHY 2048C or students will be ineligible for any 2000 level or higher engineering course for which any of these courses are prerequisites. A maximum of one repeat of each course is allowed in meeting this requirement. Generally, engineering majors must earn a grade of "C" or higher in all prerequisite and engineering courses which apply toward the degree, including those, which are transferred. Contact the department for further details.

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

FSU requires competency in oral communications for graduation. If students took a speech course in high school or were members of a debate team, they may exempt this requirement during the FSU admissions process. If not, students should take SPC 2600 at Chipola to satisfy this requirement.

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 | General Chemistry I with Lab | 4 | CHM 1046 & 1046L ² | General Chemistry II with Lab | 4 |
| MAC 1140 & 1114 | Precalculus Algebra & Trigonometry | 6 | MAC 1311 | Calculus and analytic Geometry I | 5 |
| XXX XXXX ¹ | SOCIAL SCIENCE | 3 | AMH 2010 or 2020 | American History | 3 |
| SLS 1101 | Orientation | 1 | or WOH 2012 or 2022 | or World History I or II | |
| | | | XXX XXXX ³ | HUMANITIES or SOCIAL SCIENCE | 3 |
| TOTAL | | 18 | TOTAL | | 19 |

SOPHOMORE YEAR

| 1st Semester | | Sem. Hrs. | 2nd Semester | | Sem. Hrs. |
|-----------------------|---------------------------------------|-----------|-----------------------|--|-----------|
| XXX XXXX ⁴ | GORDON RULE WRITING | 4 | XXX XXXX ³ | HUMANITIES | 3 |
| MAC 2312 | Calculus and Analytic Geometry II | 4 | MAC 2313 | Calculus and Analytic Geometry III | 4 |
| PHY 2048C & 2048L | General Physics I with Calculus & Lab | 5 | PHY 2049C & 2049L | General Physics II with Calculus & Lab | 5 |
| XXX XXXX ¹ | HUMANITIES or SOCIAL SCIENCE | 3 | MAP 2302 | Differential Equations | 3 |
| TOTAL | | 16 | TOTAL | | 15 |

¹ FSU requires an international/diversity course for graduation. The Chipola courses which meet a social science requirement at Chipola and a diversity requirement at FSU include GEA 2001, GEA 2002, REL 2300, and SYG 1010. It is strongly recommended that one of these courses be completed before earning the AA degree.

² This course is required for chemical engineering majors only; COP 2000 is suggested for an elective.

³ Do not choose any ART course, MUE 1290, or music theory. Choose from AML 2010/2020, ENL 2012/2022, HUM 2210/2216/2230/2233, ARH 1000, MUL 2010, THE 1020, or SPT 2521.

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

2006-2007

For more information
Contact:

Student Services
Chipola College
(850) 718-2266

