

TRANSFER PATHWAY GUIDE

MECHANICAL ENGINEERING

Bachelor of Science (B.S.)

FAMU

FAMU-FSU College of Engineering

Guide No. ENG-05

At-A-Glance

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Minimum GPA
2.0
- 

Limited Access
No
- 

Additional Program
Application
No
- 

Test Required
No
- 

Online Option
No
- 

Total Credits
60

Important Notes

- Must earn a grade C- or higher in courses unless otherwise indicated.
- Foreign Language Requirements: All undergraduate students are **required** to have **two** years of Foreign Language study **prior** to graduation with a bachelor's degree from Florida A&M University.
- Civics Literacy Requirement must be met prior to graduation.



RECOMMENDED PRE-TRANSFER COURSEWORK

YEAR 1

Fall	Spring
ENC 1101 Freshman Comm Skills I (3)	ENC 1102 Freshmen Comm Skills II (3)
MAC 1105 College Algebra (3)	MAC 1140 Pre-Calculus (3)
Social Science Core Course (3)	CHM 1045/1045L General Chemistry I w/Lab (4)
A.A. Elective (3)	Humanities Core Course (3)
A.A. Elective (3)	A.A. Elective (3)
Total: 15	Total: 16

YEAR 2

Fall	Spring
MAC 1114 Trigonometry (3)	MAC 2311 Calculus I (4)
Humanities Course (3)	Social Science Course (3)
A.A. Elective (3)	COP 2221 (Insert Course Name) (3)
A.A. Elective (3)	SPC 2608 Public Speaking (3)
COP 2220 Introductory Computer Programming Course (3)	EGN 1004L First Year Engineering Lab (1)
Total: 15	Total: 14



JOB OUTLOOK

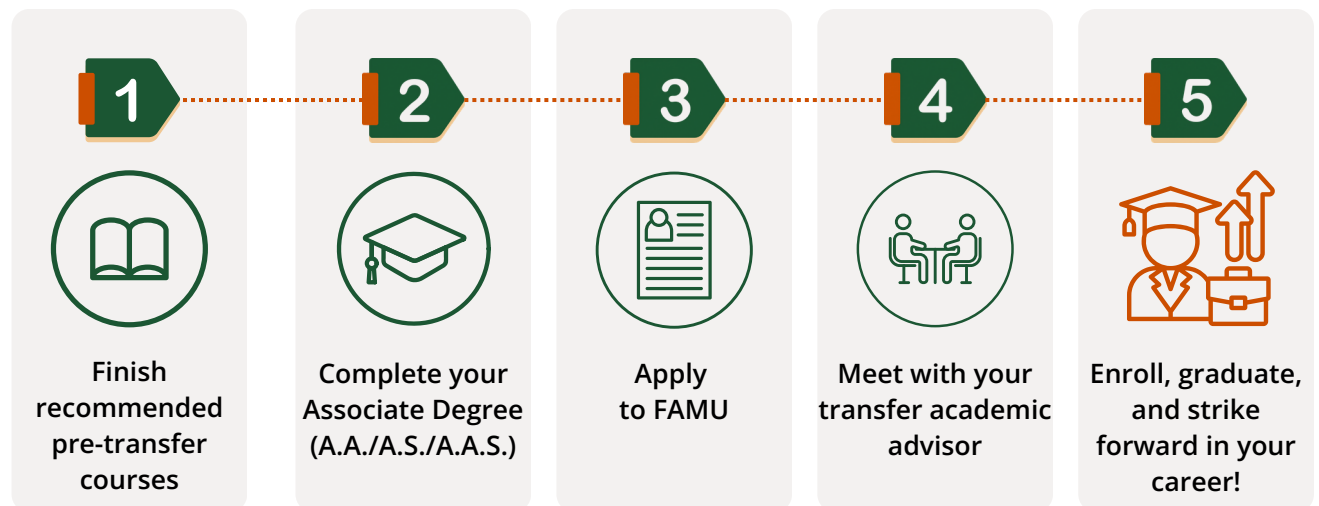
Employment of mechanical engineers is projected to grow 9 percent from 2024 to 2034, much faster than the average for all occupations. About 18,100 openings for mechanical engineers are projected each year, on average, over the decade.

Career Opportunities

- Mechanical Engineer
- Fluids Engineering
- Nuclear Engineering
- Aerospace Engineer
- Aeronautical Engineer
- Automotive Engineer
- Robotics Engineer
- HVAC Engineer
- Project Engineer



NEXT STEPS



CONTACT US

Program Website

<https://eng.famu.fsu.edu/mae>

Contact:

Gerald McGill

(850) 410-6358

gmcgill@eng.famu.fsu.edu