TRANSFER PATHWAY GUIDE

ROBOTICS

Construction & Robotics Eng. Technology, B.S.

FAMU

School of Architectural & Engineering Technology

Guide No. SAET-01

At-A-Glance

Minimum GPA
2.5

Limited Access
No

Additional Program Application
No

Test Required
No

Online Option
No

Total Credits
63

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.
- Civic Literacy Requirement must be met prior to graduation.

RECOMMENDED PRE-TRANSFER COURSEWORK

YEAR 1

FALL	SPRING
ENC 1101 Communication Skills I (3)	ENC 1102 Communication Skills II (3)
MAC 1114 Trigonometric Functions (3)	PHY 2053 College Physics I (PHY 2048, PHY2049) (3)
Social Science Elective - (Civic Literacy Requirement) (3)	PHY 2053L College, I Physics Lab (1)
EGS 1000 Intro to Engineering Technology (1)	CHM 1030 Intro Chemistry for Non-Science Majors (3)
EET 2035C Electrical Fundamentals w/Lab (3)	EET 2036C Electrical Fundamentals II w/Lab (3)
Humanities Elective (3)	BCN 3731 Construction Safety & OSHA Certification (3)
Total Credits: 16	**Total Credits: 16**

YEAR 2

FALL	SPRING
ENC 3243 Technical Report Writing (3)	Social Science Core (3)
STA 2023 Statistics (MAC 2312) (3)	Humanities Core *(PHI 2010 Recommended)* (3)
ENG 1110C Eng. Graphics I (w/AutoCAD) (2)	MAC 2311 Calculus w/ Analytic Geometry I (4)
EET 2150C Electronic Devices & Circuits w/ Lab (3)	ENG 1112C Engineering Graphics II (AutoCAD) (3)
SUR 2140 Elementary Surveying (3)	EET 4165 Electronic Design w/Lab (3)
SUR 2140L Elementary Surveying Lab (1)	
Total Credits: 15	**Total Credits: 16**

JOB OUTLOOK

The Robotics Technology Specialization prepares students for careers involving the design, implementation, testing, and maintenance of automated and robotic systems. Students gain hands-on experience with electronics, sensors, control systems, programming, robotics integration, and emerging technologies used to improve productivity and operational efficiency.

Career Opportunities

- Project Manager
- Software Developer
- Artificial Intelligence Support Specialist
- Mechatronics Technician
- Robotics Engineer
- Engineering Manager
- Systems Engineer

NEXT STEPS

1. Finish recommended pre-transfer courses
2. Complete your Associate Degree (A.A./A.S./A.A.S.)
3. Apply to FAMU
4. Meet with your transfer academic advisor
5. Enroll, graduate, and strike forward in your career!

CONTACT US

Program Website
https://www.famu.edu/academics/all-programs/saet/

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