



# PCCA AVIATION/ROBOTICS MECHATRONICS (ARM)

## ARM High School Pathway Courses

- **Introduction to Mechatronics** - DC Theory, Pneumatic Systems, and Programmable Logic Controllers
- **AC Theory** - Electrical Motors and Hydraulic System
- **Semiconductors** - Mechanical Systems, and Pump and Piping Systems

With Aviation Maintenance curriculum incorporated from Lockheed Martin and Chattahoochee Tech as well as Robotics curriculum from ????????

## Chattahoochee Tech Dual Enrollment Courses

- **IDSY 1101 DC Circuit Analysis** - 3 hours
- **IDSY 1105 AC Circuit Analysis** - 3 hours
- **IDSY 1130 Industrial Wiring** - 4 hours

Students who successfully complete all three courses will receive an **INDUSTRIAL ELECTRICIAN CERTIFICATION**

## Opportunities for students who complete the ARM Pathway

- Apprenticeships with companies such as: Lockheed Martin, Hewett Electric, and Excel Electric
- Participation in the PCCA First Robotics Team
- Field trips to participate in labs at the Chattahoochee Tech Aviation Academy

## The PCCA ARM Pathway can lead to careers in:

- Engineering
- Electronics
- Manufacturing
- Robotics
- Aviation
- Industrial Maintenance
- Many other High Demand Career Fields



FOR MORE INFORMATION OR TO SCHEDULE A TOUR:

CALL US:

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