



PCCA MECHATRONICS (ENGINEERING/ROBOTICS/AVIATION)

Mechatronics High School Pathway Courses

- **Introduction to Mechatronics** - DC Theory, Pneumatic Systems, and Programmable Logic Controllers
- **AC Theory** - AC Circuits, 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 Learning Labs.

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 Pathway

- Apprenticeships with companies such as: Lockheed Martin, Hewatt Electric, and Excel Electric
- Field trips to participate in labs at the Chattahoochee Tech Aviation Academy

The PCCA Mechatronics Pathway can lead to careers in:

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



FOR MORE INFORMATION OR TO SCHEDULE A TOUR:

CALL US:

470-648-6264

SEND A MESSAGE:

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VISIT OUR WEBSITE:

[HTTPS://PCCA.PAULDING.K12.GA.US/](https://pcca.paulding.k12.ga.us/)

