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# Flat Rock / MIAT College of Technology– Avionics

## Credits, Articulations & Prerequisites

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*This program offers excellent career opportunities  
for male and female students.*

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### Credits:

Cross credit with some academic courses (including 4<sup>th</sup> year related math, VPAA, math & science) may be available and will be reviewed on a case-by-case basis with each district's counseling department. All courses will fully transfer to **MIAT's Aircraft Maintenance Technician – Associates of Applied Science**.

### Articulations:

- MIAT College of Technology
- Wayne County Community College District
- Washtenaw Community College

### Prerequisites:

- Junior status
- Interview Required
- Algebra or related math
- MIAT approval to move to Avionics Technician II
- Students must provide transportation
- 11:45 p.m. to 2:35 p.m. for Avionics Technician I
- 7:30 a.m. to 10:20 a.m. for Avionics Technician II

## Program Description

This program includes both hands-on as well as classroom instruction. Avionics Technicians are responsible for all the electronics aboard an aircraft as well as the wiring that connects to the electrical system. Through the close coordination power plant and electronics curriculum, the student is prepared to enter aviation and non-aviation industry at an entry level.

Students must have counselor approval and the ability to provide own transportation to MIAT College of Technology, completion of Algebra, acceptable school attendance, and limited after-school activity.

Avionics Technician II is a continuation of Avionics Technician I.

Upon completion of Avionics Technician I and Avionics Technician II, the student is prepared and eligible to apply for licensing by the FAA as a certified Powerplant Technician.

## Special Features

*While working toward their FAA certification, students spend three hours per day in a classroom/lab environment learning how aircraft are built and maintained and the electrical practices used. Students earn high school credit towards graduation as well as college transferable credits accepted by several universities. After graduation, students are prepared for certificates in Radio & Electrical recognized by the aviation industry. MIAT College of Technology is accredited by the Accrediting Commission of Career Schools and Colleges.*

### STATEMENT OF COMPLIANCE

The Downriver Career Technical Consortium complies with all federal laws and regulations of the U.S. Department of Education. It is the policy of the Downriver Career Technical Consortium that no person on the basis of race, color, religion, national origin or ancestry, age, gender, marital status, disability or limited English proficiency shall be discriminated against or excluded from participation in any program or activity to which it is responsible or for which it receives financial assistance from the U.S. Department of Education. Furthermore, the consortium will encourage participation by all of the above.

Adopted by the Downriver Career Technical Consortium  
November 23, 1982