

CENTER FOR INNOVATIVE TECHNOLOGIES
MASTER COURSE DOCUMENT

AMT 272 Avionics 2

Avionics 2 is designed to instruct the student in the principles of analog, solid state, and digital theory as they apply to aircraft systems and to help the student prepare to test for the Aircraft Electronics Technician rating.

Prerequisites(s): AMT 271

Corequisite(s): No corequisite

Lecture Hours: 3	Lab Hours: 2	Credit Hours: 4
Lab Fee: 100	Supplemental Fee: 0	Purpose:
<input type="checkbox"/> Transfer Assurance Guide Course (TAG)	<input type="checkbox"/> Transfer Module Course (TM)	
Course Format: Lec/Lab		Grading: A/B/C/D/F/I
Delivery Method: Classroom		
Semesters Offered: Fall – Days, Summer – Evenings		

Supplemental Materials:

Avionics: Fundamentals of Aircraft Electronics, Kenney, Avotek, 1st Edition

Course Outcomes:

1	Troubleshoot power supply circuits
2	Troubleshoot filters including high-pass, band-pass, and band-reject filters
3	Troubleshoot wave generation circuits
4	Troubleshoot limiter circuits
5	Troubleshoot digital circuits

Course Topics:

This course follows the Nida computer based training system and uses the 130E Trainer with appropriate experiment cards.

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Methods of Evaluation/Assessment

Tests
Quizzes
Lab Projects
Lab & Class Participation
Attendance

Course Keeper: Gary Goodpaster

Date Completed: April 01, 2019