



NOW THIS IS A
CAREER!

AVIONICS TECHNOLOGY
A.A.S. Degree Program
Major Code: AVNT

Georgia Aviation Campus of Middle Georgia College

Program Description: The Avionics Technology (AT) degree program prepares students for careers in avionics maintenance and repair. The program philosophy stresses a combination of knowledge, skills, and practical experience in accordance with Federal Aviation and Federal Communications Regulations. Upon successful completion, a student will be prepared for Federal Aviation Administration (FAA) oral, practical, and written examinations for Airframe certification, and the Federal Communications Commission (FCC) Ground Radio Operating License (GROL) exam. Once certificated by the FAA and FCC, a graduate is qualified to perform duties and responsibilities of an Airframe and Avionics Technician.

General Core Courses:

BUSA 1205	Computer Literacy	2 hours
ENGL 1101	Composition 1	3 hours
ENGL 2111-2132	English Literature Elective	3 hours
HIST 2111 or 2112	U.S. History 1 or U.S. History 2	3 hours
HLTH 1101	Health	2 hours
HEXS XXXX*	Physical Education (total of 3 hours needed)	3 hours
MATH 1111	College Algebra	3 hours
PHYS 1011	Physical Science 1	4 hours
POLS 1101	American Government	3 hours

* ENGL 2208—Technical Communications (3 credit hours) may be taken in lieu of Physical Education for Georgia Aviation Campus students.

Occupational Core Courses:

AMTP 1000	Aviation Mathematics	2 hours
AMTP 1010	Aircraft Maintenance Regulations	2 hours
AMTP 1020	Aircraft Applied Science	9 hours
AMTP 1030	Aircraft Electricity and Electronics	5 hours
AMTP 1210	Aviation Physics	2 hours
AMTP 2010	Aircraft Airframe Structures	2 hours
AMTP 2020	Airframe Sheet Metal and Non-Metallic Structures	5 hours
AMTP 2030	Airframe Welding	1 hour
AMTP 2040	Airframe Assembly and Rigging	2 hours
AMTP 2050	Airframe Inspection	3 hours
AMTP 2060	Aircraft Hydraulic and Pneumatic Systems	2 hours
AMTP 2070	Aircraft Landing Gear Systems	2 hours
AMTP 2080	Aircraft Environmental Control Systems	7 hours
AMTP 2090	Aircraft Electrical, Communication, and Navigation Systems	6 hours
AVNC 1000	Introduction to Aviation Electronics	6 hours
AVNC 1010	Aircraft Communication Systems Maintenance	5 hours
AVNC 1020	Aircraft Navigation/Autopilot Systems Maintenance	9 hours
AVNC 1030	Aircraft Electric/Electronic Systems Installation	20 hours

Total Credit Hours: **116 Credit Hours**



- Applications Accepted Daily.
- Day Classes ONLY.
- AMT Job Placement is 95.2%.
- New Students Accepted Fall Semester.
- Courses Offered on Aviation Campus in Eastman.
- Starting Salary Range is \$18 to \$20 per hour.

General Information: Avionics Technology is a two year (five semester) degree program that emphasizes avionics theory and practical application necessary for successful employment in the field with a basic foundation of college academic core classes. All students **MUST** be accepted to the program after acceptance to MGC. To be accepted to the program you must complete and submit an application to the Division Chair as stated on the Aviation Technology Division application. **Admissions Criteria:** Must be 16 years of age. A high school diploma or GED is required. Submit an application form, \$20 application fee, and an official copy of a high school transcript or GED. Schedule a time to take the COMPASS placement exam or submit recent SAT scores. Minimum test scores for regular admission: COMPASS: Reading - 74; Writing - 60; Algebra - 37. Transfer students may apply, but previous course work will be evaluated for credit on an individual basis.

71 Airport Road • Heart of Georgia Regional Airport • Eastman, Georgia 31023 • www.mgc.edu/aviation
Phone (478) 374-6980 or (866) 374-6980 • Fax (478) 374-6809

Georgia Aviation Campus of Middle Georgia College

AVIONICS TECHNOLOGY, A.A.S. Degree

Estimated Costs: For cost information, visit the website for Middle Georgia College at www.mgc.edu/aviation. Click on Avionics Technology, then click on the Costs tab. **Financial Aid:** HOPE Scholarship and HOPE Grant, College Work Study Program, Scholarships, LEAP, SEOG, Stafford and PLUS loans, and Veteran's benefits are available to eligible students. Contact the financial aid office for more information. **Job Placement:** Placement services are available to all students through training support for workforce development that prepares students for employment in the aviation industry. Graduates can obtain employment with airport fixed base operations, charter air services, regional or major airlines, the military, aviation suppliers, manufacturers, and the FAA. **Program Information:** Designed to be a five semester program, Avionics Technology will provide 116 semester hours of credit with 420 hours of general core instruction, 896 hours of avionics instructional training plus 1200 hours of aviation maintenance training (airframe certificate). **Special Needs:** If you have a physical, emotional, or learning disability and in need of assistance for the upcoming semester contact Allen Chastain via email to achastain@mgc.edu phone 478-934-3023. In order to serve the students, proper paperwork must be documented prior to accommodations being granted.

Recommended Course Flow:

First Year

FALL		SPRING		SUMMER	
	HOURS PER WEEK		HOURS PER WEEK		HOURS PER WEEK
Full Session	Class/Lab	Full Session	Class/Lab	Full Session (8 weeks)	Class/Lab
ENGL 1101	(2/1)	BUSA 1205	(2/0)	AMTP 2050	(2/4)
Session 1 (8 weeks)		POLS 1101	(3/0)	AMTP 2080	(5/4)
AMTP 1010	(1/2)	Session 1 (8 weeks)		HEXS XXXX	(X/X)*
AMTP 1020	(6/6)	AVNC 1000	(3/4)	HLTH 1101	(2/0)
Session 2 (8 weeks)		AVNC 1010	(1/2)		
AMTP 1000	(2/0)	Session 2 (8 weeks)			
AMTP 1030	(3/3)	AMTP 2040	(1/2)		
AMTP 1210	(2/0)	AVNC 1020	(4/12)		
AMTP 2010	(1/2)				
AMTP 2030	(0.5/2)				

* Hours Per Week will depend on the type of classes.

Second Year

FALL		SPRING	
	HOURS PER WEEK		HOURS PER WEEK
Full Session	Class/Lab	Full Session	Class/Lab
MATH 1111	(3/0)	AVNC 1030	(9/19)
PHYS 1011	(3/3)	ENGL 2111--2132	(3/0)
Session 1 (8 weeks)		HIST 2111 or 2112	(3/0)
AMTP 2090	(4/5)		
AVNC 1010	(4/8)		
Session 2 (8 weeks)			
AVNC 1020	(8/16)		

Nondiscrimination Notice: Admissions policies, activities, services, and facilities of the College do not exclude any person on the basis of race, color, age, sex, religion, national origin, or disability. Middle Georgia College is an Affirmative Action Program Institution. Any individual who requires assistance under the College's Affirmative Action Program should contact the designated Title IX or Section 504 Coordinator: Title IX Contact (for non-students): Director of Human Resources, Chambers House, 478-934-3082; Title IX Contact (for students): Registrar, Peacock Hall, 478-934-3036; Section 504 Contact (students and non-students): Director of Student Services, Wiggs Hall, 478-934-3023.