

Minor in Avionics Line Maintenance

For the student interested in working in an aircraft line maintenance environment, the Aviation Maintenance Science Department offers this minor to prepare the student for working with today's complex electronic aircraft. The student will gain a working knowledge of the intricacies of avionics maintenance from general aviation to transport category aircraft through classroom theory and hands-on lab projects. Avionics maintenance training and expertise are in high demand throughout the aerospace industry. To accomplish the high quality of maintenance required by the industry, avionics technicians must be knowledgeable in terrestrial and satellite navigation systems, airborne and onboard communication systems, surveillance systems, auto flight systems, glass flight deck installations, data network architectures and the integration of all of these systems.

Some majors may not be eligible to pair with this minor. See the Minor Restrictions (<https://catalog.erau.edu/programs/undergraduate/minors/restrictions/>) list for details.

Daytona Beach Minor Requirements

AMST 116	Fundamentals of Electricity	4
AMST 264	General Aviation Aircraft Electrical and Instrument Systems	3
AMST 366	Transport Category Aircraft Electrical and Instrument Systems	3
AMST 380	Radio Communication Theory and Application	2
AMST 384	General Aviation Avionics Systems Integration	4
AMST 388	Air Transport Avionics Systems Line Maintenance	6
Total Credits		22