FlightSafety
INTERNATIONAL

Aircraft Electronic Technicians (AET)
10 DAY COURSE

This course is designed as the foundation for the building block approach to avionics training for aircraft technicians who desire a comprehensive understanding of the fundamentals of electrical and avionics technology. The course focuses on both the theoretical and practical aspects of "circuit operation" to enhance knowledge of aircraft systems and improve aircraft troubleshooting skills. Training is reinforced by practical exercises using electrical/electronic trainers, specifically designed for such training. The AET introduces the practical use of test equipment such as oscilloscopes and multimeters.

By design this course is aligned with an industry identified, and endorsed, technician education and skill standards established by ASTM International. Successful completion of this training can serve to prepare the technician for AET Certification testing. The AET course also meets requirements for the FlightSafety International Avionics Master Technician Training Program.

GROUND SCHOOL COURSE MODULES   HOURS

Fundamentals of Energy and Matter...6.00
Direct Current Electrical Circuits 5.00
Alternating Current Electrical Circuits...5.00
Circuit Control Devices...3.00
Semiconductor Devices 5.00
Wave Generation...6.00
Filters & Tuning circuits..4.00
Electronic Digital Theory 11.00
Experiments and Labs...16.00
Ground School Training Hours 61.00

ACADEMIC COURSE MODULES   HOURS

Welcome/Introduction... 1.00
Review/Exam 8.00

Total Hours 70.00

APPROVALS AND LIMITATIONS

FAA IA Renewal Code	**C-IND-IM-130406-K-006-132**
FAA IA Course Validity:	05/01/2019 – 05/31/2023

FOR MORE INFORMATION, CONTACT: +1 201.528.0170 or sales@flightsafety.com

Internal Use Only:
303743

TRAINING LOCATIONS

Dallas North, Texas	Tucson, Arizona
Savannah, Georgia	Wichita, Kansas