

## Training on Commercial Aircraft Avionics

### Course Outline

- Introduction to Navigation (1 hour)
- Automatic Direction Finder (ADF) (1 hour)
- VHF Omni-directional Range (VOR) (1 hour)
- Distance Measuring Equipment (DME) (1 hour)
- Instrument Landing System (ILS) (1 hour)
- Inertial Navigation System (INS) (1 hour)
- RADAR / ATC Transponder (1 hour)

### Trainer's Profile

Lim Thian Hoe graduated from the Nanyang Technological University (NTU) with a Master in Science (Systems Engineering & Project Management) in 2010 and Bachelor in Electrical & Electronics Engineering (Hons) in 2004.

He has 20 years' experience in aircraft maintenance, systems management & engineering in the Republic of Singapore Air Force (RSAF).

He has been a full-time lecturer with the Polytechnic since 2014. He is currently serving in SOE, lecturing in aerospace electronics.