

## Global Navigation and SATCOM Systems – Course Series

Duration: 3 Weeks (1 week per module)

Delivery Format: In-Person (UK), Virtual, or Blended

Enrolment: Module-by-module or full programme

### Programme Schedule

Week	Module Title	Key Topics Covered
Week 1	Navigating the Skies – Understanding RNAV	<ul style="list-style-type: none"> <li>- RNAV fundamentals and evolution</li> <li>- ICAO PBN concept: RNAV vs RNP</li> <li>- Route design and airspace planning</li> <li>- RNAV in terminal/enroute</li> <li>- Exercises &amp; case studies</li> </ul>
Week 2	Digital ATC Communication and Surveillance (CPDLC + ADS-B)	<ul style="list-style-type: none"> <li>- CPDLC architecture and operations</li> <li>- Standard message types and phraseology</li> <li>- ICAO &amp; Eurocontrol frameworks</li> <li>- ADS-B (Out, In, TIS-B, FIS-B)</li> <li>- Equipage requirements and compliance</li> <li>- Surveillance strategy and simulation exercises</li> </ul>
Week 3	Multilateration and Airspace Design Applications	<ul style="list-style-type: none"> <li>- MLAT system design and comparison with radar/ADS-B</li> <li>- SMR and WAM operations</li> <li>- Deployment and validation</li> <li>- Airspace structure principles and classifications</li> <li>- Integration of MLAT with airspace design</li> <li>- Operational planning and simulation labs</li> </ul>

**Fees Structure**

Mode	Per Week	Full Programme (3Weeks)
UK (In-Person)	£500 (up to 3 weeks)	£1000 (including 1 week free)
Virtual	£150 (up to 3 weeks)	£450 (including 1 week free)

