



Global Positioning Systems (GPS) - Course Content

Duration - 1 day

Lesson 1 – The History of Positioning Systems

- Omega and Inertial Navigation
- GPS Early Days
- The Benefits of GPS

Lesson 2 – The Navstar System

- A Few Facts
- Signal Components and Frequencies
- How does it Work?
- Accuracies

Lesson 3 – GPS Receiver Installations

- Antenna to Display
- Typical GPS Systems: Both Everyday and Military

Lesson 4 – Improving the System: The Future for GPS?

- Component Increase L3, L4 and L5: (Improvement or Just an Increase in Functionality?)
- DGPS, WAAS, AGPS and Others

Lesson 5 – Non-Navstar Global Positioning Systems

- Galileo, GLONASS and Other Worldwide Initiatives