

The following learning targets represent the major concepts studied and assessed in this course.

Semester 1

Unit 1: Introduction to Aerospace:

- Evolution of Flight
- Aircraft Control Surfaces and Components
- Center of Gravity
- Atmosphere

Unit 2: Aerospace Design:

- Aerospace Materials
- Frame Generator Analysis
- Design of Fuselage
- Propulsion

Semester 2

Unit 3:Space:

- Space Travel
- Orbital Mechanics

Unit 4: Alternative Applications:

- Remote Systems
- Aerospace Careers