

Aeronautical Engineering

The University of Manchester

1st Year

01	MACE	Materials 1 (Aerospace)
02	MACE	Introduction to Aircraft Design
03	MACE	Fluid Mechanics for Aerospace and Mechanical Engineers
04	MACE	Electrical Energy Supply and Circuits
05	MACE	Structures 1 (Aero)
06	MACE	Manufacturing Engineering 1 (Aerospace)
07	MACE	Mechanics (Aerospace)
08	MACE	Introduction to Aerospace Engineering
09	MACE	Aerospace and Mechanical Thermodynamics
10	MACE	Tools for Engineers (Aerospace)
11	MATH	Calculus, Numerical Method, Vectors, Complex Numbers, Differential Equations, Probability
12	MATH	Series and Limits, Functions, Matrices, Linear Algebra

2nd Year

13	MACE	Modelling and Simulation 2 (Aerospace)
14	MACE	Fluid Mechanics 2
15	MACE	Aircraft Performance and Design
16	MACE	Applied Thermodynamics (Aerospace)
17	MACE	Dynamics
18	MACE	Numerical Methods and Computing (Aerospace)
19	MACE	Space Systems
20	MACE	Structures 2 (Aerospace)
21	MACE	Data Acquisition and Experimental Methods (Aero)
22	MACE	Project Management (Aero)
23	MATH	Mathematics 3

3rd Year

24	MACE	Operations Management
25	MACE	Control Engineering (Aerospace)
26	MACE	Aerospace Propulsion
27	MACE	Structures 3 (Aerospace)
28	MACE	Aircraft Aerodynamics
29	MACE	Vibrations and Aero-elasticity (Aerospace)
30	MACE	Conceptual Aerospace Systems Design
31	MACE	Flight Dynamics
32	MACE	Modelling and Simulation 3
33	MACE	Heat Transfer