

Course		Course Title	Prerequisites; courses designated with a * must be completed with a "C" or better, "+" might be taken concurrently	Co-requisites
SUBJECT	Number			
AERO	2131*	Aerospace Material Lab	MECH 1305*	none
AERO	2331*	Aerospace Materials	CHEM 1305* AND CHEM 1105*	none
AERO	3312	Aerodynamics I	MECH 2311*	none
AERO	3323	Aerospace Structures I	AERO 2331* AND MECH 2322*	none
AERO	3343	Systems Modelling and Control	MATH 2326* AND MECH 2340* AND MECH 2342*	none
AERO	4311	Flight Dynamics and Controls	AERO 3312 AND AERO 3343	none
AERO	4312	Aircraft Design	AERO 3312 AND AERO 3323 AND MECH 3352	none
AERO	4313	Aerospace Structures II	AERO 3323	none
AERO	4319	Special Topics in Aeronautics	none	none
AERO	4322	Aerospace Propulsion	CHEM 1305 AND MECH 2311*	none
AERO	4329	Special Topics in Aerostructures	AERO 3323	
AERO	4331	Aerodynamics II	AERO 3312*	none
AERO	4332	Hypersonic Vehicle Design	MECH 3352	none
AERO	4335	Structural Dynamics	MECH 2340* AND MATH 2326*	none
AERO	4339	Special Topics in Hypersonics	none	none
AERO	4351	Orbit and Attitude Dynamics	AERO 3343 AND MATH 2326*	none
AERO	4353	Spacecrafts Environments	MATH 2326* AND PHYS 2320*	none
AERO	4355	Space Mission Design	none	none
AERO	4359	Special Topics in Astronautics	none	none
AERO	4364	Aerospace Communications	MECH 2342*	none
AERO	4365	Aerospace Systems Engineering	CE 2326* AND COMM 1302*	none
AERO	4366	Aerospace Senior Design	AERO 3312 AND AERO 3323 AND AERO 3343 AND AERO 4322 AND AERO 4365 AND MECH 3352	none
MECH	1305*	Graphic & Design Fundamentals	none	none
MECH	2103	Engineering Computations	MATH 1312*	none
MECH	2311*	Intro to Thermal-Fluid Science	MATH 1312*	none
MECH	2322*	Mechanics of Materials MECH 1321* none	MECH 1321* OR (BE 2434* AND CE 2315*)	none
MECH	2340*	Mechanics II - Dynamics	MECH 1321* OR BE 2434* AND CE 2315*	none
MECH	2342*	Electro Mechanical Systems	MATH 1312*	none
MECH	3352	Engineering Analysis II	MATH 2326*	none
MECH	4326	Finite Element Analysis	MECH 3334 AND MECH 3352	none