

STUDY PLAN

Programme Name: : Master of Science (Aeronautical Engineering)

Programme Code : MKMK

FEBRUARY INTAKE

COURSE	SEMESTER 1	SEMESTER 2	SEMESTER 3	TOTAL CREDIT
University Elective	(Choose 1) UHAP 6013 UICW 6023 UHAZ 6123 ULAM 6013			3
Faculty Core				
Programme Core	MKMF 1213 MKMF 1313 MKMF 1903	MKMF 2013		12
Elective	Choose 1 from List of Elective Courses	Choose 3 from List of Elective Courses	Choose 1 from List of Elective Courses	15
Project 1		MKMF 1914		4
Project 2			MKMF 2926	6
TOTAL CREDIT	15	16	9	40

LIST OF PROGRAMME CORE COURSES

MKMF 1213	ADVANCED MATHEMATICS FOR AERONAUTICAL ENGINEERING APPLICATIONS
MKMF 1313	ADVANCED AERODYNAMICS
MKMF 1903	RESEARCH METHODOLOGY
MKMF 2013	COMPUTATIONAL METHOD FOR AEROSTRUCTURES
MKMF 1914	MASTER PROJECT I
MKMF 2926	MASTER PROJECT II

LIST OF ELECTIVE COURSES

MKMF 2113	ADVANCED AIRCRAFT STRUCTURES AND MATERIALS
MKMF 2123	STRUCTURAL DYNAMICS & AEROELASTICITY
MKMF 2213	ADVANCED AIRCRAFT DYNAMICS & CONTROL
MKMF 2223	AIRCRAFT INSTRUMENTATION AND AVIONICS
MKMF 2323	COMPUTATIONAL AERODYNAMICS
MKMF 2333	COMPRESSIBLE FLUID FLOW
MKMF 2343	INDUSTRIAL AERODYNAMICS AND WIND ENGINEERING
MKMF 2353	EXPERIMENTAL AERODYNAMICS
MKMF 2363	HELICOPTER AERODYNAMICS
MKMF 2413	FUEL AND PROPELLANT
MKMF 2423	JET PROPULSION
MKMF 2433	ROCKET TECHNOLOGY
MKMF 2443	GAS TURBINE TECHNOLOGY
MKMF 2513	HELICOPTER SYSTEM & PERFORMANCE
MKMF 2613	AVIATION MANAGEMENT AND AIRWORTHINESS
MKMF 2763	ADVANCED MANUFACTURING

LIST OF UNIVERSITY COURSES

UHAZ 6123 MALAYSIAN SOCIETY AND CULTURE
UHAP 6013 SEMINAR GLOBAL
UICW 6023 PHILOSOPHY OF SCIENCE AND CIVILIZATION
ULAM 6013 MALAY LANGUAGE FOR POST GRADUATES