IDDP Study Plan

for the Year 2017–2020 (Code 60–63)

	Year 1 Semester 1	Crs
01132101	Modern Entrepreneur	3
01208111	Engineering Drawing	3
01215471	Aerospace Organization Management	3
01417167	Engineering Mathematics I	3
01420111	General Physics I	3
01420113	Laboratory in Physics I	1
01999111	Knowledge of the land	2
01999021	Thai Language for Communication	3
		21

	Year 1 Semester 2	Crs
01204111	Computers and Programming	3
01175112	Badminton for Health	1
01215472	Aerospace Organizational Behavior	3
01403117	Fundamentals of General Chemistry	3
01403114	Laboratory in Fundamentals of General Chemistry	1
01417168	Engineering Mathematics II	3
01420112	General Physics II	3
01420114	Laboratory in Physics II	1
01999213	Environment Technology and Life	3
		21

	Summer	Crs
01999023	Essential Computer Skill	1
01999032	Thai Study	3
		4

	Year 2 Semester 1	Crs
01130111	Principle of Accounting Introductory	3
01208201	Basic Principle of Engineering Mechanics	3
01208281	Workshop Practice	1
01215211	Introduction to Aerospace Engineering	2
01215231	Aerothermodynamics	3
01215241	Fluid Mechanics in Aerospace Engineering	3
01215251	CAD/CAM in Aerospace Engineering	3
01417267	Engineering Mathematics III	3
		21

	Year 2 Semester 2	Crs
01205201	Introduction to Electrical Engineering	3
01213211	Materials Science for Engineering	3
01215213	Computational /Statistics in Aerospace Eng.	3
01215221	Aircraft Structures I	3
01215232	Aerothermodynamics of Aircraft Engines	3
01215261	Aircraft Aerodynamics and Performance	3
01175169	Exercise for Developing Holistic Health	2
		20

Summer
RMIT DIRECT ENTRY PROGRAM / IELTS TEST

	Year 3 Semester 1	Crs
01205202	Electrical Engineering Laboratory I	1
01208381	Mechanical Engineering Laboratory I	1
01215323	Aircraft Vibration	3
01215341	Fundamental of Aerodynamics I	3
01215351	Aircraft Conceptual Design	3
01215362	Aircraft Stability and Control	3
01215381	Space Flight	3
01215433	Design of Aircraft Propulsive Systems	3
		20

	Year 3 Semester 2	Crs
01215311	Aerospace Engineering Laboratory I	1
01215312	Mechanics of Machineries for Aerospace Eng.	3
01215331	Heat Transfer in Aerospace Engineering	3
01215353	Manufacturing Processes for Aircraft Materials	3
01215452	Mechanical Design for Aircraft	3
01215461	Automatic Flight Control I	3
01132243	Business and Social Responsibilities	3
03600012	Green Technology	3
		22
	Exempt subjects:	
01355xxx	English	9
	Total credits to be studied at KU	**138**

Summer
TRANSFER TO RMIT

	Subjects to be transferred back from RMIT	
012153xx	CAE for Aerospace [FEA]	3
01215xxx	Technical Elective	3
01215495	Aerospace Engineering Project Preparation	1
01215499	Aerospace Engineering Project	2
		9

	Summer	
01215399	Internship	1

Total credits for B.Eng.(Aerospace Engineering) KU	**148**

** The above study plan may subject to be changed according to the situation **