

B.E.(Avionics & Electronic Systems) Academic Plan 2008

Level I - 24 units

<i>Term</i>	<i>Subject Area</i>	<i>Catalogue Number</i>	<i>Course Description</i>	<i>Units</i>
Sem 1	COMP SCI	1008	Computer Science IA	3.0
Sem 1	ELEC ENG	1009	Electrical and Electronic Engineering IA	3.0
Sem 1	MATHS	1011	Mathematics IA	3.0
Sem 1	PHYSICS	1100	Physics IA	3.0
				12.0
Sem 2	COMP SCI	1009	Computer Science IB	3.0
Sem 2	ELEC ENG	1010	Electrical and Electronic Eng 1B	3.0
Sem 2	MATHS	1012	Mathematics IB	3.0
Sem 2	MECH ENG	1007	Eng Mechanics - Dynamics	3.0
				12.0

Level II - 24 units

<i>Term</i>	<i>Subject Area</i>	<i>Catalogue Number</i>	<i>Course Description</i>	<i>Units</i>
Sem 1	COMP SCI	2004	Data Structures and Algorithms UG	3.0
Sem 1	APP MTH	xxxx	Differential Equations and Fourier Series	3.0
Sem 1	ELEC ENG	2008	Electronics II	3.0
Sem 1	ELEC ENG	xxxx	Circuit Analysis	3.0
				12.0
Sem 1	COMP SCI	2000	Computer Systems UG	3.0
Sem 2	ELEC ENG	2009	Engineering Electromagnetics	3.0
Sem 2	APP MTH	xxxx	Vector Analysis & Laplace Transforms	3.0
Sem 2	ELEC ENG	2007	Signals and Systems	3.0
				12.0

Level III - 24 units

<i>Term</i>	<i>Subject Area</i>	<i>Catalogue Number</i>	<i>Course Description</i>	<i>Units</i>
Sem 1	ELEC ENG	3016	Control III	3.0
Sem 1	ELEC ENG	xxxx	Signal Processing III	3.0
Sem 1	ENG	xxxx	Engineering Communication ESL/EAL*	(3.0)
Sem 1	ELEC ENG	xxxx	Practical Electrical and Electronic Design III Part 1	3.0
Sem 1	ELEC ENG	3018	RF Engineering III	3.0
				12.0
Sem 2	ELEC ENG	xxxx	Digital Systems	3.0
Sem 2	ELEC ENG	xxxx	Complex Systems	3.0
Sem 2	ENG	xxxx	Engineering Communication ESL/EAL*	(3.0)
Sem 2	COMP SCI	3006	Software Engineering and Project	3.0
Sem 2	MECH ENG	xxxx	Aeronautical Engineering 1	3.0
				12.0

* Available only to students whose native language is not English; may be presented in lieu of one elective at Level IV.

