



DEGREE PLAN

Bachelor of Engineering (Hons) in Electronics and Instrumentation

Sl.No#	Module Code	Module Title	LVI	CP	Module(s) Name/Code against which exempted
1	MASC 10001.2	College Mathematics	1	15	
2	MASC 10002.1	Engineering Physics	1	15	
3	LANG 10001.1	English for Special Purposes	1	15	
4	COMP 10001.1	Fundamentals of Programming	1	15	
5	MASC 10003.2	Intermediate Mathematics	1	15	
6	ELEC 10004.1	Electronic Circuits	1	15	
7	ELEC 10007	Electric Circuits and Networks	1	15	
8	ELEC 10008	Electronics Instrumentation	1	15	
9	MASC 20001.2	Advanced Mathematics	2	15	
10	ELEC 10002.1	Digital Logic Design	1	15	
11	ELEC 20010	Linear Integrated Circuits and Applications	2	15	
12	ELCT	ELCT 10001.1-Job Skills OR ELCT 10002-Core Life Skill Strategies and Techniques	1	15	
13	ELEC 20005.1	Control Systems	2	15	
14	ELEC 20011	Sensors and Transducers	2	15	
15	ELEC 20012	Communication Engineering	2	15	
16	PROJE 20001.1	Project 1	2	15	Not Applicable
17	LANG 20002.1	Communication Skills	2	15	
18	ELEC 30001.1	Digital Signal Processing	3	15	Not Applicable
19	ELEC 20013	Industrial Electronics and Applications	2	15	
20	ELEC 20007.1	Microcontrollers	2	15	
21	ELEC 30008	Biomedical Instrumentation	3	15	Not Applicable
22	ELCT 20002.1	Entrepreneurship and New Venture Creation	2	15	
23	ELEC 30003.1	ASIC Design	3	15	Not Applicable
24	ELEC 20014	Logic and Distributed Control System	2	15	
25	BUSS 10001	Omani Business Environment Studies	1	15	
26	ELEC 30009	Virtual Instrumentation and Simulation Techniques	3	15	Not Applicable
27	ELEC 30010	Process Control	3	15	Not Applicable
28	PROJE 30001.1	Project Planning	3	15	Not Applicable
29	ELEC 30011	Analysis and Design of Instrumentation systems	3	15	Not Applicable
30	ELEC 30012	Computer Control of Processes	3	15	Not Applicable
31	PROJE 30002.1	Project Design and Implementation	3	30	Not Applicable