

الخطة الدراسية Course plan



كلية الشرق الأوسط
Middle East College

BEng (Hons) in Electronics and Telecommunication

بكالوريوس الهندسة (مع مرتبة الشرف)
في الإلكترونيات والاتصالات

Year 1									
	Module Code	Module Name	Level	Credits		Module Code	Module Name	Level	Credits
Fall Semester	MASC 10001.3	College Mathematics	1	15	Spring Semester	MASC 10003.3	Intermediate Mathematics	1	15
	MASC 10002.2	Engineering Physics	1	15		ELEC 10004.2	Electronics Circuits	1	15
	LANG 10001.3	English for Special Purpose	1	15		ELEC 10007.1	Electric circuits and Networks	1	15
	COMP 10001.1	Fundamentals of Programming	1	15		ELEC 10008.1	Electronic Instrumentation	1	15
Year 2									
	Module Code	Module Name	Level	Credits		Module Code	Module Name	Level	Credits
Fall Semester	MASC 20001.2	Advanced Mathematics	1	15	Spring Semester	ELEC 20005.2	Control System	2	15
	ELEC 10002.2	Digital Logic Design	1	15		ELEC 20011.1	Sensors and Transducers	2	15
	ELEC 20010.1	Linear Integrated circuits and applications	2	15		ELCT 20002.2	Entrepreneurship and New venture Creation	2	15
	ELCT 10001.1	College Elective -1 Job Skills	1	15		PROJE 20001.1	Project 1	2	15
	ELCT 10002.2	College Elective - I Core Life Skills Strategies and Techniques	1	15					
Year 3									
	Module Code	Module Name	Level	Credits		Module Code	Module Name	Level	Credits
Fall Semester	LANG 20002.2	Communication Skills	2	15	Spring Semester	ELEC 30008.1	Biomedical Instrumentation	3	15
	ELEC 30001.2	Digital Signal Processing	3	15		ELEC 20011.1	Communication Engineering	2	15
	ELEC 20013.1	Industrial Electronics and Applications	2	15		ELEC 30003.2	ASIC Design	3	15
	ELEC 20007.3	Microcontrollers	2	15		ELEC 20014.1	Logic and Distributed control	2	15
Year 4									
	Module Code	Module Name	Level	Credits		Module Code	Module Name	Level	Credits
Fall Semester	BUSS 10001	Omani Environmental Studies	1	15	Spring Semester	ELEC 30011.1	Analysis and Design of Instrumentation systems	3	15
	ELEC 30009.1	Virtual Instrumentation and Simulation Techniques	3	15		ELEC 30012.1	Computer Control of Processes	3	15
	ELEC 30010.1	Process Control	3	15		PROJE 30002.2	Project Design and Implementation	3	30
	PROJE 30001.2	Project Planning	3	15					

College Requirement	7
Department Requirement	10
Major Elective	10
Project	3
College Elective	1
Total Modules	31



نحن ندقق بانتظام محتوى المناهج الدراسية لدينا ، لجعلها مواكبة للعصر وذات صلة كي يستفيد منها طلابنا على أكمل وجه. لهذه الأسباب ، قد يتم تحديث الوحدات الدراسية ، يرجى الاتصال بنا للحصول على أحدث المعلومات.

We regularly review our course content, to make it relevant and current for the benefit of our students. For these reasons, course modules may be updated, please contact us for the latest information.