

# الخطة الدراسية Course plan



كلية الشرق الأوسط  
Middle East College

## BEng(Hons) in Computer Science with pathway in Networking

بكالوريوس الهندسة (مع مرتبة الشرف) في  
هندسة الحاسب الآلي في مساق الشبكات

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	COMP 10005.1	Introduction to Programming	1	15
	ELEC 10001.1	Electrical & Electronics Engineering	1	15		MASC 10003.3	Intermediate Mathematics	1	15
	LANG 10001.2	English for Special Purpose	1	15		COMP 10006.1	Fundamentals of Computer Networks	1	15
	COMP 10002.1	Fundamentals of Computer Hardware	1	15		COMP 10007.1	Systems Analysis and Design	1	15
Year 2									
	Module Code	Module Name	Level	Credits		Module Code	Module Name	Level	Credits
Fall Semester	COMP 20001.1	Network Protocols	2	15	Spring Semester	COMP 20002.1	Fundamentals of Relational Database Management Systems	2	15
	COMP 20032	Concepts of Virtualisation	2	15		COMP 20005.1	Network Administration	2	15
	COMP 20035	Operating System & Computer Architecture	2	15		ELCT 20002.2	Entrepreneurship and New Venture Creation	2	15
	ELCT 10002.1	Core Life Skill Strategies and Techniques	1	15		PROJN 20001.1	PROJECT – I	2	15
Year 3									
	Module Code	Module Name	Level	Credits		Module Code	Module Name	Level	Credits
Fall Semester	ELEC 20015	Digital Electronics	2	15	Spring Semester	COMP 30005.1	Communication Server Administration	3	15
	COMP 20012.1	System Administration	2	15		COMP 20031	IoT Concepts and Architecture	2	15
	COMP 20015.1	Routing and Switching	2	15		COMP 30018.1	Systems Project Management	3	15
	COMP 20038	Cloud Computing	2	15		COMP 30029	Cryptography and Information Assurance	3	15
Year 4									
	Module Code	Module Name	Level	Credits		Module Code	Module Name	Level	Credits
Fall Semester	PROJN 30001.1	Project Planning	3	15	Spring Semester	BUSS 10001.1	Omani Business Environment Studies	1	15
	COMP 30019.1	Network Security	3	15		COMP 30033	Ad hoc and broadband Wireless Engineering	3	15
	LANG 20002.2	Communication Skills	2	15		PROJN 30002.1	Project Design and Implementation	3	30
	COMP 30031	Enterprise Data Centre and WAN connectivity	3	15					

College Requirement	
Department Requirement	15
Major Elective	6
Project	3
College Elective	7

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.