

		Code	Title	Pre-Req.	UK CR	US CR	Lec	P			Code	Title	Pre-Req.	UK CR	US CR	Lec	P	
Year one	1st Semester	ENG118	English for Effective Communication	none	12	3	2	2	2nd Semester	ENG120	Advanced English Skills	ENGL119	12	3	2	2		
		ENG119	English for Technical Reporting	none	12	3	2	2		HST201	History and Culture of Bahrain	none	8	2	2	0		
		ENG161	Engineering Mathematics I	none	8	2	1	2		ENG164	Engineering Mathematics II	ENG161	8	2	1	2		
		ENG162	Material Physics and Properties	none	8	2	1	2		ENG172	Introduction to Engineering	none	8	2	1	2		
		ARB102	Arabic Language	none	12	3	2	2		LAW453	Human Rights	none	8	2	2	0		
		INDE121	Engineering Drawing	none	8	2	1	2		ENG173	Basics of Electro Mechanical Systems Design	none	20	5	4	2		
		Total				none	60	15		9	12	Total				64	16	12
								S.S		SPAC141	Sport and Activities	none	8	2	1	2		
Year Two	3rd Semester	ENG1051	Mathematics for Engineers	none	20	5	4	2	4th Semester	ENG1004	Introduction to Engineering Design	none	20	5	4	2		
		ENG1050	Electrical and Electronic Principles	none	20	5	3	4		ENG1049	Thermo-Fluid and Mechanical Principles	none	20	5	3	4		
		ENG1007	Materials Science	none	20	5	3	4		ENG1048	Engineering Industry Practice	none	20	5	3	4		
		Total				60	15	10		10	Total				60	15	10	10
										S.S		ENGI241	Internship I	Achieving 40% Cr.Hr	4	1	100 working hours in a workplace	
								S.S		SUS301	Sustainability	none	8	2	2	0		
Year Three	5th Semester	ENG2045	Advanced Mathematics for Engineers	ENG1051	20	5	4	2	6th Semester	ENG2050	Control Systems	ENG1050	20	5	3	4		
		ENG2055	Advanced Thermo-Fluids	ENG1049	20	5	4	2		ENG2005	Engineering Design	ENG1004	20	5	3	4		
		ENG2053	Solid Mechanics	ENG1049 and ENG1051	20	5	5	0		ENG2046	Industrial Appreciation	none	20	5	3	4		
		Total				60	15	13		4	Total				60	15	9	12
										S.S		ENGI341	Internship II	Achieving 70% Cr.Hr	8	2	200 working hours in a workplace	
								S.S		ADM301	Innovation and Entrepreneurship	none	8	2	2	0		
Year Four	7th Semester	ENG3023	Computational Fluid Mechanics	ENG2045 and ENG2055	20	5	3	4	8th Semester	ENG3021	Mechanisms and Machines	none	20	5	3	4		
		ENG3019	Corrosion Engineering	none	20	5	5	0		ENG3005	Lean Manufacturing and Quality Applications	none	20	5	5	0		
		ENG4004	Engineering Project	none	20	5	0	10		ENG4004	Engineering Project	none	20	5	0	10		
		Total				60	15	8		14	Total				60	15	8	14
								Total										
								Cr.H.										
								Lec.										
								P.H										
								Total										
								130										
								84										
								86										