

Degree Plan

Degree : Bachelor	Faculty : Engineering	Plan hrs : 248
Semester : 441	Dept : Mechanical Engineering	Plan Type : Main
Edition : 6	Major : 40ME Mechanical Engineering	Gender : All

Group : إجبارية (12)

First

code	Course Name	Hr.	requisite	Year.	Activities Desc
IC 101	Introduction of Islamic Culture	2	-	-	lecture (2)
MATH 1050	Differential calculus	4	-	-	lecture (2), exercise (2)
ENGL 1210	Reading Skills	5	-	-	lecture (2), exercise (3)
ENGL 1220	Writing Skills	5	-	-	lecture (2), exercise (3)
Total					16

Second

ARAB101	Language Skills	2	-	-	lecture (2)
MATH 1060	Integral calculus	4	MATH 1050 - S	-	lecture (2), exercise (2)
ENGL 1230	Conversation and listening skills	5	-	-	lecture (2), exercise (3)
CT 1400	Computer Skills	3	-	-	practical (1), lecture (2)
Total					14

Third

PHYS 1010	General physics(I)	5	-	-	lecture (3), practical (1), exercise (1)
MC 1400	Communication Skills	2	-	-	lecture (2)
ENG 1604	English for Technical Purposes	5	-	-	lecture (4), practical (1)
ENG 1606	English for Academic Purposes	4	-	-	lecture (2), exercise (2)
Total					16

Forth

CHEM 1010	General Chemistry	5	-	-	lecture (4), practical (1), exercise (0)
GEU 1011	Introduction to engineering	3	-	-	lecture (3), exercise (0)
IC 102	The Islam and Society Building	2	-	-	lecture (2)
MATH 1070	Algebra and Analytical Geometry	4	MATH 1050 - S	-	lecture (4), exercise (0)
GEU 1090	Computer Programming in Engineering	4	-	-	lecture (3), practical (1)
Total					18

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Fifth					
code	Course Name	Hr.	requisite	Year.	Activities Desc
IC 103	The Foundation Of the Economic System in Islam	2	-	-	lecture (2)
ARAB103	Arabic Editing	2	-	-	lecture (2)
PHYS 1040	General Physics(II)	5	PHYS 1010 - S	-	lecture (4), practical (1)
MATH 2030	Differential and Integral Calculus	4	MATH 1060 - S MATH 1070 - S	-	lecture (4), exercise (0)
GEU 3201	Engineering Statistics	5	MATH 1060 - S	-	lecture (5), exercise (0)
Total					18

Sixth					
GEU 2010		5	PHYS 1040 - S MATH 1060 - S MATH 1070 - S	-	lecture (5), exercise (0)
ME 2410		4	-	-	practical (2), lecture (2)
ME 2520		5	CHEM 1010 - S PHYS 1040 - S	-	lecture (4), practical (1), exercise (0)
GEU 2610	Engineering Professional Communications	3	ENGL 1210 - S	-	lecture (2), practical (1)
Total					17

Seventh					
GEU 2020		5	GEU 2010 - S	-	lecture (5), exercise (0)
MATH 2040	Differential Equations	5	MATH 2030 - S	-	lecture (5), exercise (0)
ME 2420		4	ME 2410 - S	-	lecture (3), practical (2)
ME 2530		3	ME 2520 - S	-	lecture (3), exercise (0)
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Eighth					
code	Course Name	Hr.	requisite	Year.	Activities Desc
EE 3090		3	MATH 1070 - S	-	lecture (3), exercise (0)
			PHYS 1040 - S		
ME 3410		4	GEU 2020 - S	-	lecture (3), practical (1), exercise (0)
ME 3510		5	GEU 2010 - S	-	lecture (4), practical (1), exercise (0)
			ME 2520 - S		
ME 3710		5	PHYS 1040 - S	-	lecture (5), exercise (0)
Total					17

Ninth					
ME 3310		5	ME 3510 - S	-	lecture (4), practical (1), exercise (0)
ME 3420		3	ME 2420 - S	-	lecture (3), exercise (0)
			ME 3410 - S		
			ME 3510 - S		
ME 3730		5	ME 3710 - S	-	lecture (5), exercise (0)
ME 3731		1	ME 3730 - M	-	practical (1)
ME 3810		5	ME 3710 - S	-	lecture (5), exercise (0)
			GEU 2020 - S		
Total					19

Tenth					
IC 104	Foundations of the political system in Islam	2	-	-	lecture (2)
GEU 3010		4	MATH 2040 - S	-	lecture (3), practical (2)
ME 3430		5	ME 3420 - S	-	lecture (4), practical (1), exercise (0)
ME 3750		5	ME 3810 - S	-	lecture (5), exercise (0)
ME 3811		1	ME 3750 - M	-	practical (1)
Total					17

GEU 4010	Engineering Economy	3	-	-	lecture (3), exercise (0)
ME 4610		5	EE 3090 - S	-	lecture (4), practical (1), exercise (0)
ME 4620		5	GEU 1090 - S	-	lecture (5), exercise (0)
			MATH 2040 - S		
ME 4710		5	ME 3750 - S	-	lecture (5), exercise (0)
Total					18

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code	Course Name	Hr.	requisite	Year.	Activities Desc
ME 4310		5	ME 3310 - S	-	lecture (4), practical (1), exercise (0)
ME 4630		5	ME 4610 - S	-	lecture (4), practical (1), exercise (0)
ME 4640		4	ME 4620 - S	-	lecture (3), practical (1), exercise (0)
ME 4720		3	ME 3750 - S	-	lecture (3), exercise (0)
Total					17

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GEU 4020	Engineering Project Management	3	GEU 4010 - S	-	lecture (3), exercise (0)
ME 4410		4	ME 3510 - S GEU 3010 - S ME 3430 - S	-	lecture (3), practical (1), exercise (0)
ME 4730		3	ME 3750 - S	-	lecture (3), exercise (0)
Total					10

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ME 4930		1	-	-	practical (2)
ME 4980		4	-	-	lecture (3), practical (2)
Total					5

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ME 4990		4	ME 4980 - S	-	lecture (3), practical (2)
ME 9990	Practical Training	0	-	-	training (0)
Total					4

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Faculty : Engineering

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Dept : Mechanical Engineering

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Edition : 6

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Gender : All

Group : إختيارية (25)

code	Course Name	Hr.	requisite	Year.	Activities Desc
EE 3031		5	PHYS 1040 - S	-	lecture (5), exercise (0)
EE 3100		5	EE 3090 - S	-	lecture (4), practical (1), exercise (0)
EE 3150		5	-	-	lecture (4), practical (1), exercise (0)
ME 4320		5	ME 4310 - S	-	lecture (5), exercise (0)
ME 4330		5	ME 3310 - S	-	lecture (5), exercise (0)
ME 4340		5	ME 4310 - S	-	lecture (4), practical (2), exercise (0)
ME 4350		5	ME 4310 - S	-	lecture (5), exercise (0)
ME 4360		5	ME 4310 - S	-	lecture (5), exercise (0)
ME 4370		5	ME 4310 - S	-	lecture (5), exercise (0)
ME 4380		5	ME 4310 - S	-	lecture (5), exercise (0)
ME 4390		5	ME 3310 - S	-	lecture (5), exercise (0)
ME 4420		5	GEU 2020 - S ME 4410 - S	-	lecture (5), exercise (0)
ME 4430		5	ME 4310 - S ME 3430 - S	-	lecture (5), exercise (0)
ME 4440		5	ME 4410 - S	-	lecture (5), exercise (0)
ME 4450		5	ME 4410 - S	-	lecture (5), exercise (0)
ME 4460		5	ME 3430 - S	-	lecture (5), exercise (0)
ME 4470		5	ME 3430 - S	-	lecture (5), exercise (0)
ME 4530		5	ME 3510 - S	-	lecture (5), exercise (0)
ME 4540		5	ME 3310 - S	-	lecture (5), exercise (0)
ME 4550		5	ME 3510 - S	-	lecture (5), exercise (0)
ME 4560		5	ME 3310 - S	-	lecture (4), practical (2), exercise (0)
ME 4570		5	ME 3510 - S	-	lecture (5), exercise (0)
ME 4580		5	ME 2520 - S	-	lecture (4), practical (2), exercise (0)
ME 4590		5	ME 2520 - S	-	lecture (5), exercise (0)
EE 4591		5	-	-	lecture (5), exercise (0)
ME 4641		5	ME 4620 - S ME 4640 - S	-	lecture (5), exercise (0)
ME 4650		5	ME 4640 - S	-	lecture (4), practical (1), exercise (0)
ME 4661		5	ME 3810 - S EE 3090 - S	-	lecture (5), exercise (0)
Total					140

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EE 3571		5	EE 3150 - S	-	lecture (5), exercise (0)
EE 3570		5	EE 3150 - S	-	lecture (4), practical (1), exercise (0)
EE 4101		5	EE 3100 - S	-	lecture (5), exercise (0)
ME 4740		5	ME 3750 - S	-	lecture (5), exercise (0)
ME 4750		5	ME 4710 - S	-	lecture (5), exercise (0)
ME 4760		5	ME 3750 - S ME 4710 - S	-	lecture (5), exercise (0)
ME 4770		5	ME 3750 - S	-	lecture (5), exercise (0)
ME 4780		5	ME 4730 - S	-	lecture (5), exercise (0)
ME 4790		5	PHYS 1040 - S ME 3750 - S	-	lecture (5), exercise (0)
ME 4791		5	ME 3750 - S	-	lecture (5), exercise (0)
ME 4792		5	CHEM 1010 - S ME 3730 - S	-	lecture (5), exercise (0)
ME 4793		5	CHEM 1010 - S ME 3730 - S	-	lecture (5), exercise (0)
ME 4794		5	CHEM 1010 - S ME 3730 - S	-	lecture (5), exercise (0)
ME 4810		5	ME 3730 - S ME 3810 - S	-	lecture (5), exercise (0)
ME 4820		5	ME 3810 - S MATH 2030 - S ME 3730 - S	-	lecture (5), exercise (0)
ME 4830		5	MATH 2030 - S ME 3810 - S	-	lecture (5), exercise (0)
ME 4840		5	ME 3810 - S	-	lecture (5), exercise (0)
ME 4850		5	ME 3750 - S ME 3810 - S	-	lecture (5), exercise (0)
ME 4860		5	ME 3810 - S	-	lecture (5), exercise (0)
Total					95