

Shorouk Academy

The Higher Institute of Engineering

Engineering Mathematics and Physics Department



Student Guide

Engineering Mathematics and Physics Department

Preparatory Year Students

Course Code	Course Name	First Semester								Total Course Marks
		Weekly Hours			Total	Total Marks Score			Exam duration (hr)	
		Lecture	Tutorial	Practical		Written	Periodic Assess.	Practical/ Oral		
PHM 011	Mathematics (1)	2	2	-	4	90	60	-	2	150
PHM 013	Physics (1)	2	1	2	5	90	30	30	2	150
PHM 015	Mechanics (1)	2	2	-	4	90	60	-	2	150
ARC 011	Engineering Drawing & Projection (1)	1	2	-	3	60	40	-	2	100
CHE 011	Chemistry (1)	2	1	1	4	60	20	20	2	100
HUM 013	Computer Skills	1	-	2	2	30	10	10	2	50
HUM 011	Technical English Language (1)	1	-	1	2	30	10	10	1	50
Total First Semester Hours		11	8	6		Total Semester Marks				750
		25								

Course Code	Course Name	Second Semester								Total Course Marks
		Weekly Hours			Total	Total Marks Score			Exam duration (hr)	
		Lecture	Tutorial	Practical		Written	Periodic Assess.	Practical/ Oral		
PHM 012	Mathematics (2)	2	2	-	4	90	60	-	2	150
PHM 014	Physics (2)	2	1	2	5	90	30	30	2	150
PHM 016	Mechanics (2)	2	2	-	4	90	60	-	2	150
ARC 012	Engineering Drawing & Projection (2)	1	2	2	5	60	20	20	2	100
PHM 017	Production Technology	1	-	2	3	45	15	15	2	75
HUM 014	History of Engineering Technology	2	-	-	2	50	25	-	2	75
HUM 012	Technical English Language (2)	1	-	1	2	30	10	10	1	50
Total Second Semester Hours		11	7	7		Total Semester Marks				750
		25								

- Mathematics (1),(2)- Physics (1),(2)- Mechanics (1),(2)- Engineering Drawing & Projection (1),(2)- are continuous subjects.