ME234 Thermofluids

COURSE INFORMATION

Prerequisites	Academic Year &Level		Teaching Methods			Credit Hrs.
	Year	Semester	Lecture	Tutorial	Lab.	
BA114	4	7	2	2		3

COURSE AIM

The course aims is to give students a thorough grounding in the subject of thermodynamics and fluid mechanics

COURSE WEEKLY CONTENTS

1	Heat Engine Cycles	
2	Heat Engine Cycles	
3	Positive Displacement Machines	
4	Positive Displacement Machines	
5	Gas Turbines	
6	Gas Turbines	
7	7th week evaluation	+ Midterm Exam
8	Fluid Properties	
9	Fluid Properties	
10	Manometers	
11	Hydro static Forces	
12	12th week evaluation	
13	Flow Characteristics	
14	Continuity Equation	
15	Bernoulli's Equation	

STUDENT GRADING & ASSESSMENT

Weeks	Exams	Assign.	Quizzes	Reports	Present.	Lab.	Total
1 to 7	20 Midterm	← 10 MARKS To be freely distributed among possible assessments				→	30
8 to 12	← 20 MARKS					→	20
13 to 15	← 10 MARKS					→	10
16 or 17	40 Final						40
Total	Exams	Assign.	Quizzes	Reports	Present.	Lab.	100

REFERENCES

Textbook Yunus A. Cengel,Robert H. Turner " Fundamental of Thermal-Fluid Sciences"

Other