



ILOs Evaluation

Program Code	Course Code and Title	Day	From	To	Venue	Group	No of Students
MEPcontrolDiplor	MEP590-Heat and Mass Transfer						9

Please mark proper box to indicate how much ability you have gained for each "Intended Learning Objective".		Excellent	Very Good	Good	Fair	Poor
1	Recognize the relation of heat transfer to thermodynamics	(5)	(4)	(3)	(2)	(1)
2	Identify the different modes of heat transfer and their physical origin.	(5)	(4)	(3)	(2)	(1)
3	Apply and solve different problems in steady 1-D conduction including uniform and non-uniform thermal conductivity, systems with heat sources and extended surfaces.	(5)	(4)	(3)	(2)	(1)
4	Apply and solve different problems in transient 1-D conduction covering: lumped capacitance method and Heizer charts.	(5)	(4)	(3)	(2)	(1)
5	Apply and solve different free convection problems involving horizontal cylinders, horizontal plates, spheres, vertical walls and vertical cylinders.	(5)	(4)	(3)	(2)	(1)
6	Apply & solve different forced convection problems involving flow across single cylinder, flow across a single sphere, flow across tube banks and internal flow through tubes.	(5)	(4)	(3)	(2)	(1)
7	Be able to analyze and solve multi-mode heat transfer problems.	(5)	(4)	(3)	(2)	(1)
8	Record the basic types of heat exchangers.	(5)	(4)	(3)	(2)	(1)
9	Evaluate the heat transfer surface area and thermal performance of heat exchangers.	(5)	(4)	(3)	(2)	(1)
10		(5)	(4)	(3)	(2)	(1)
11		(5)	(4)	(3)	(2)	(1)
12		(5)	(4)	(3)	(2)	(1)

Your suggestions for the course:

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