

## SYLLABUS

### MECHANICAL ENGINEERING P.E. EXAMINATION REVIEW COURSE

*Instructors:*

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*Primary Reference:*

Lindeburgh, M.R., *Mechanical Engineering Reference Manual, 11th edition*,  
Professional Publications, Inc., Belmont, CA, 2001

Dates: 08/01/06 - 10/24/06

Time: 18:00-21:00

Location: UH, Holmes Hall 242; location of HVAC sessions in Holmes Hall 242

<b>Date</b>	<b>Subject</b>	<b>Reference</b>	<b>Instructor</b>
8/1/2006	Thermodynamics	MERM, Topic III	Masutani
8/8/2006	Thermodynamics	MERM, Topic III	Masutani
8/15/2006	Power cycles	MERM, Topic IV	Masutani
8/22/2006	Power cycles	MERM, Topic IV	Masutani
8/29/2006	Fluids	MERM, Topic II	Kinoshita
9/5/2006	Fluids	MERM, Topic II	Kinoshita
9/12/2006	Heat transfer	MERM, Topic V	Kinoshita
9/19/2006	Heat Transfer	MERM, Topic V	Kinoshita
9/26/2006	HVAC	MERM, Topic VI	Panel Group
10/3/2006	HVAC	MERM, Topic VI	Panel Group
10/10/2006	HVAC	MERM, Topic VI	Panel Group
10/17/2006	General review		TBD
10/24/2006	General review		Masutani/Kinoshita