

INFORMATION SHEET
Mechanical and Aerospace Engineering 150R
Rocket Propulsion Systems
Spring, 2000

Instructor: A. R. Karagozian
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Class Hours: MW 2 - 4 pm
5436 Boelter Hall

Office Hours: M 10 am - 12 pm, Tu 10 am - 12 pm, or by appointment
OR send e-mail to ark@seas.ucla.edu

Required Text: Hill, P. & Peterson, C., **Mechanics and Thermodynamics of Propulsion**, Addison-Wesley, 1992

Prerequisites: MAE 105A, 105D, and 103
(OR consent of instructor)

Grading: 10% Homework
25% First Midterm Exam (tentatively, Wednesday, April 26, 2000)
25% Second Midterm Exam (tentatively, Monday, May 22, 2000)
40% Final Exam (Code 07 - Wednesday, June 14, 2000, 3-6 pm)

Homework: Assigned periodically (posted on WWW page), with solutions posted on the class web page or outside my office after the due date.

WWW: MAE 150R's World Wide Web homepage is located at <http://www.seas.ucla.edu/ma150r/>. View this homepage using your favorite browser (using seasnet workstations or your own machine). You can download homework and other class documents in either postscript or pdf formats.

Addl. Refs.: (these are on reserve in the EMS Library, as is Hill and Peterson's text)

- Sutton, G. P., **Rocket Propulsion Elements**, Wiley, 1986 (or latest edition)
- Humble, Henry, and Larson, **Space Propulsion Analysis and Design**, McGraw-Hill, 1995
- Oates, G. C., **Aerothermodynamics of Gas Turbine and Rocket Propulsion**, AIAA, 1988
- Munson, Young, and Okiishi, **Fundamentals of Fluid Mechanics**, Wiley, latest edition