“Hands-On-Helicopters” Seminar Syllabus

AESP 097S | SPRING '10
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Class 1 | 1/11 | Course Intro + Center Walkthru
Class 2 | 1/25 | Aero 1 + VLRCOE Overview
Class 3 | 2/01 | Visiting Lecture (TBD)
Class 4 | 2/08 | Aero 2 + Wind Tunnels
Class 5 | 2/15 | Flight Control + Demo (Prof Horn)
Class 6 | 2/22 | Noise (K. Brentner) + Simulator
Class 7 | 3/01 | Life Flights
Class 8 | 3/15 | Materials & Struct + C. Marr
Class 9 | 3/22 | Propulsion + Flt Safety
Class 10 | 3/29 | Final Presentations (Project)
 | | 2/22 – 2/26 | Flt Sims Sessions (?)

Grades: Class Participation
- Homeworks (Approx. 4)
- Lab Reports (1 Flt Sim Mission)
- Puddlejumper Project
- RRP Participation

NO EXAMS!

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OBJECTIVES: Basic understanding of rotorcraft flight principles; Appreciation of Aerospace career opportunities; Development of good basic study habits; Foster a seminar-like class mode of operation.