

AER 1315H: Schedule and Mark Breakdown 2015

Professor D.W. Zingg

(416-667-7709, dwz@oddjob.utias.utoronto.ca, <http://goldfinger.utias.utoronto.ca/dwz>)

Classes

Thursdays 10-12 am in the UTIAS Lecture Hall

Schedule of Lectures

1. Jan. 8	G. Taylor	Carbon Taxes and Emissions Trading Systems
2. Jan. 15	S. Moreau	Introduction to Aircraft Noise
3. Jan. 22	D. Zingg	Environmental Impact of Aviation
4. Jan. 29	C. Steeves	Aircraft Design for Low Weight
5. Feb. 5	O. Gulder	Biofuels: Properties and Emissions
6. Feb. 12	K. Strong	Aviation and the Atmosphere
7. Feb. 26	S. Colavincenzo	Aircraft Internal and External Noise Reduction
8. March 5	Z. Berger	Flow Control for Drag Reduction
9. March 12	B. Saville	Biofuels: Feedstocks and Production
10. March 19	A. Evans	Fleet Level Assessments and System-Wide Environmental Impacts
11. March 26	S. Sampath	Engine Design for Low Emissions
12. April 2	D. Zingg	Aircraft Design for Low Emissions
13. April 9	Student Presentations	
14. April 16	Student Presentations	
15. April 23	Exam	

Mark Breakdown

Report and oral presentation: 60%

Proposal 10% (due Jan. 29)

Interim report 15% (due March 5)

Final report 25% (due April 2)

Oral presentation 10%

Exam: 40%