

AER 1315H: Schedule and Mark Breakdown 2016

Professor D.W. Zingg

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Classes

Thursdays 10-12 am in the UTIAS Lecture Hall

Schedule of Lectures

1. January 14 – David Zingg, Environmental Impact of Aviation
2. January 21 – Stephane Moreau, Introduction to Aircraft Noise
3. January 28 – Gray Taylor, Carbon Taxes and Emissions Trading Systems
4. February 4 – Craig Steeves, Aircraft Design for Low Weight
5. February 11 – Philippe Lavoie, Flow Control for Drag Reduction
6. February 25 – Sam Sampath, Engine Design for Low Emissions
7. March 10 – Omer Gulder, Biofuels: Properties and Emissions
8. March 17 – Kim Strong, Aviation and the Atmosphere
9. March 24 – Bradley Saville, Biofuels: Feedstocks and Production
10. March 31 – P. Krammer Fleet Level Assessments and System-Wide Environmental Impacts
11. April 7 – David Zingg, Aircraft Design for Low Emissions
12. April 14 - Presentations
13. April 21 – Presentations
14. April 28 – Exam

Mark Breakdown

1. Report and oral presentation: 60%
2. Proposal: 10% (due Feb 4)
3. Interim report 15% (due March 3)
4. Final report 25% (due March 31)
5. Oral presentation 10%
6. Exam: 40%

Note: Your assignments will be checked for plagiarism using Turnitin.com or similar software.

Course information: <http://goldfinger.utias.utoronto.ca/dwz/#courses>

This course is associated with an optional Emphasis in Sustainable Aviation:

Emphasis in Sustainable Aviation:

<http://www.utias.utoronto.ca/prospective-students/programs-of-study/certificate-in-sustainable-aviation>

Centre for Research in Sustainable Aviation:

<http://www.utias.utoronto.ca/overview>