AT602
Atmospheric Dynamics II
2 credits

Instructor:
David W. J. Thompson
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room: ATS 430

TA:
Luke Davis
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Meeting times:
Tuesday, Thursday 10:00-10:50 AM, ATS 101

Office hours:
Luke TBD
Dave 11-12pm TTh

Textbooks
(required):

Evaluation:
Homework (~3-4 HW assignments total): 50%
Midterm: 25%
Final: 25%

General course outline:
Weeks ~1-5. Quasi-geostrophic theory; potential vorticity and its applications (Holton/Hakim Chapter 2, 6; Vallis 2nd edition Chapters 4, 5)
Weeks ~6-11. Baroclinic instability (Holton/Hakim Chapter 7; Vallis 2nd edition Chapter 9)