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CHANGE COURSE (MAJOR) and DROP COURSE PROPOSAL

SUBMITTED BY:

Department

Atmospheric Sciences

College/School

CNSM

6. *CURRENT CATALOG DESCRIPTION AS IT APPEARS IN THE CATALOG: including dept., number, title and credits*

ATM F413 Atmospheric Radiation

3 Credits

Offered Fall Odd-numbered Years

PHYS F613 Atmospheric Radiation

3 Credits

Offered Fall Odd-numbered Years

Fundamentals of blackbody radiation theory and radiative properties of atmospheric constituents. Discussion of gaseous absorption including line absorption, broadening effects



Atmospheric Radiation - Fall 2011

ATM F613/F413; PHYS F613/F413 F01 Atmospheric Radiation (3)

~~Topics include the fundamentals of blackbody radiation theory and radiative properties~~

of atmospheric constituents. Discussion of gaseous absorption including line absorption, broadening

~~of atmospheric constituents. Discussion of gaseous absorption including line absorption, broadening~~

Homework 35%

Term Paper-Project 30%

Participation 5%

ATM613/413 and PHYS613/413

Grades will be assigned in accordance with university policy http://www.uaf.edu/catalog/catalog_09-10/academics/regsl.html. A student who scores greater than 90% on their submitted body of work is

guaranteed an A. A student who scores greater than 75% on their submitted body of work is guaranteed a

ATM613/413 PHYS 613/413

KEY DATES FOR ATM 613/413 FALL 2011

Week 1		Sep 1 First Class
Week 2 HW#1	Sep 6	Sep 8
Week 3 HW#2	Sep 13	Sep 15
Week 4 Term Paper Proposal Due	Sep 20	Sep 22
Week 5 HW #3	Sep 27	Sep 29
Week 6 Exam #1	Oct 4	Oct 6
Week 7 HW #4	Oct 11	Oct 13
Week 8 Paper-Project Outline Due	Oct 18	Oct 20
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HW#5		
Week 10	Nov 4	Nov 2
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Week 11 HW #6	Nov 8	Nov 10
Week 12	Nov 15	Nov 17
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Week 13 Paper-Project Meetings	Nov 22	Nov 24 Thanksgiving - No Class
Week 14	Nov 29	Dec 1
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Week 15 Presentations	Dec 6	Dec 8 Last Class