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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)

of atmospheric constituents. Discussion of gaseous absorption including 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 1	Nov 2
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Week 11 HW #6	Nov 8	Nov 10
Week 12 HW #7	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
Week 16		