

6. 4	. CURRENT CATAL	OG DESCRIPTION AS	IT APPEARS IN TH	E CATALOG: incl	ding dept.,	number,
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		None	
	13.	POSITIVE AND NEGATIVE IMPACTS Please specify positive and negative impacts on other courses, programs and	
	r	departments resulting from the proposed action.	
	יצווה.	TIFICATION FOR ACTION REQUESTED	
	Tì	he purpose of the department and campus-wide curriculum committees is to scrutinize	
		ourse change and new course applications to make sure that the quality of UAF	
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Include information on the Programs/Departments contacted (e.g., email, memo)

ADDITIONAL SIGNATURES: (As needed for cross-listing and/or stacking)

	Fundamentals of Geophysical Fluid Dynamics	
	હુપૈ હિપૈ મેં માનવાર કર્યા કરમા કર્યા કરમા કર્યા કર્યા કર્યા કર્યા કર્યા કરમા કર્યા કરમા કર્યા કર્યા કર્યા કરમા કર્યા કરમા કરમા કરમા કરમા કરમા કર્યા કર્યા કરમા કરમા કરમા કરમા કરમા કરમા કરમા કરમ	
	Instructor: David Newman	
	Office: 112 REIC	
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	Home Phone: 458-8576 (if all else fails!! But please not after 11 PM)	
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	Office Hours:	
	Monday 2:00-4:00pm in 112 REIC Wednesday 2:00-4:00pm in 112 REIC	
	Course Description: Fundamentals of Geophysical Fluid Dynamics deals with large-scale fluid motion on a rotating body (i.e. a planet). Often, the rotation, stratification and surface curvature place important constraints on the dynamics of the fluid. These "fluids" can be oceans	
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are involved in, as well as general topics of interest and importance in GFD. The topic must be agreed to by Feb 11th and must be competed by April 22nd. They will be graded both for presentation and content. More details will be discussed in class.

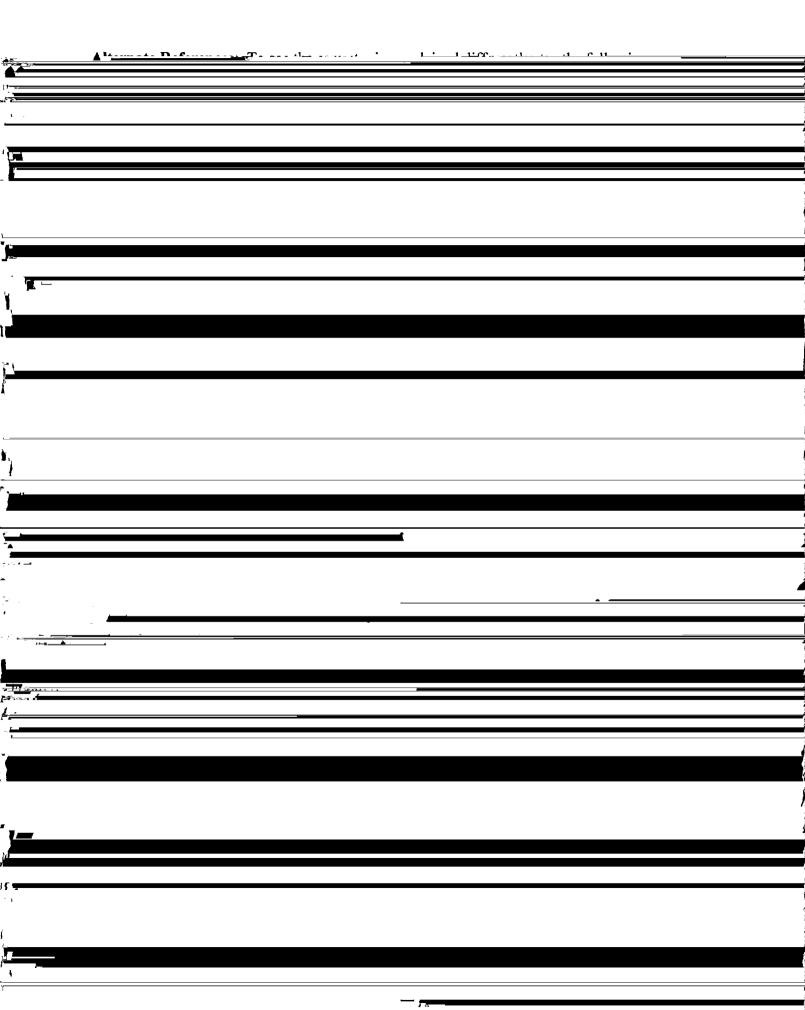
Exams: Exams will be take home exams: Check back for more details and dates.

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	the foll	lowing components:				
	the 1011	lowing components: 2 take home exams 30	.0/			
		∠ take nome exams 30	70			
		Homework 50 %				

Contacting Me: I have office hours as listed above. You can drop by at other times if I'm not busy, or make an appointment. I am (almost) /never/ available before class.

Project 20 %

Special Needs: The Office of Disability Services implements the Americans with Disabilities



Lecture 34, 35, 36 – Stratification: Exam II Distributed Lecture 37 & 38 – Solitons and Introduction to Turbulence 12 - 11 -

Lecture 27 - Ekman Layers and Ekman Pumping

Lecture 30, 31, 32, & 33 – Stratification; Homework #5

Lecture 28 & 29 – Ekman Pumping

Lecture 41 –Project Presentations