## Department of Atmospheric & Oceanic Sciences Graduate Student Independent Study Contract

Student Name	Wisang Sugia	rta	Student # 110950923	_
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Semester	Spring 2025	Course # ATO	OC 5900-	Credit Hrs 3_
Instructor	Andrew Winters			
of work. This of Arts & Scienindependent so department or	may include laborator ences policy states study tudy credit during any	ry work, library lents may not re term. No more ed toward the to	h semester hour of creater research, and consultate egister for more than 3 than 8 credit hours take that hours needed for get.	ation. College credit hours of ken in a single
TOPIC:				
Evaluating fac Front Range	ctors that influence the	predictability of	of extreme winds along	g the Colorado
Goal or expe	cted product (term pa	aper, exam, or	al presentation, etc.):	
Range to iden are identified, environments can evaluate the based on preventis independent	tify periods characterize we will examine long that favor the production the probability of strong ailing/forecasted weath ent study to my research	eed by strong we- term model date on of extreme and winds at force the conditions. The group at the	er stations along the Cyinds (>35 knots). One tasets to identify atmowinds and build a forecast lead times between Wisang will present or end of the Spring semegth the key results from	e these periods spheric cast tool that n 0-48 hours n the results of ester (May
Dates (first co	onference, due date f	or completion	of project, etc.):	
final presentat	tion and report due by	the first week o	•	nester, with the
Student signat	ture Willingwood	tei		date 01/08/25
Instructor sigr	nature Adm	ew	w s	date <b>01/08/2</b> 5