awuce Senate 4. 11 App-4/8/08 App-4/22/08 07-546. G Pronosal C " material Carlo "Lindung and dipod "sample" y This cosume is also proro

Course Revision: SAFE 412 Hazard Prevention Management II

Part II. Description of the Curriculum Change

1.	Syllabus of Record.	

The revised syllabus of record is attached in Annendix A

- 2. A summary of the proposed revisions:
 - a. The course description, objectives and content were updated to better reflect program outcomes and to provide consistency with SAFE 212 Hazard Prevention Management I.

The revised course description changes course prerequisites and focuses on safety management principles and implementation rather than the collection of loss incidents information (see below).

New Course Description

CAPE 410 Hamand Durranting Management H

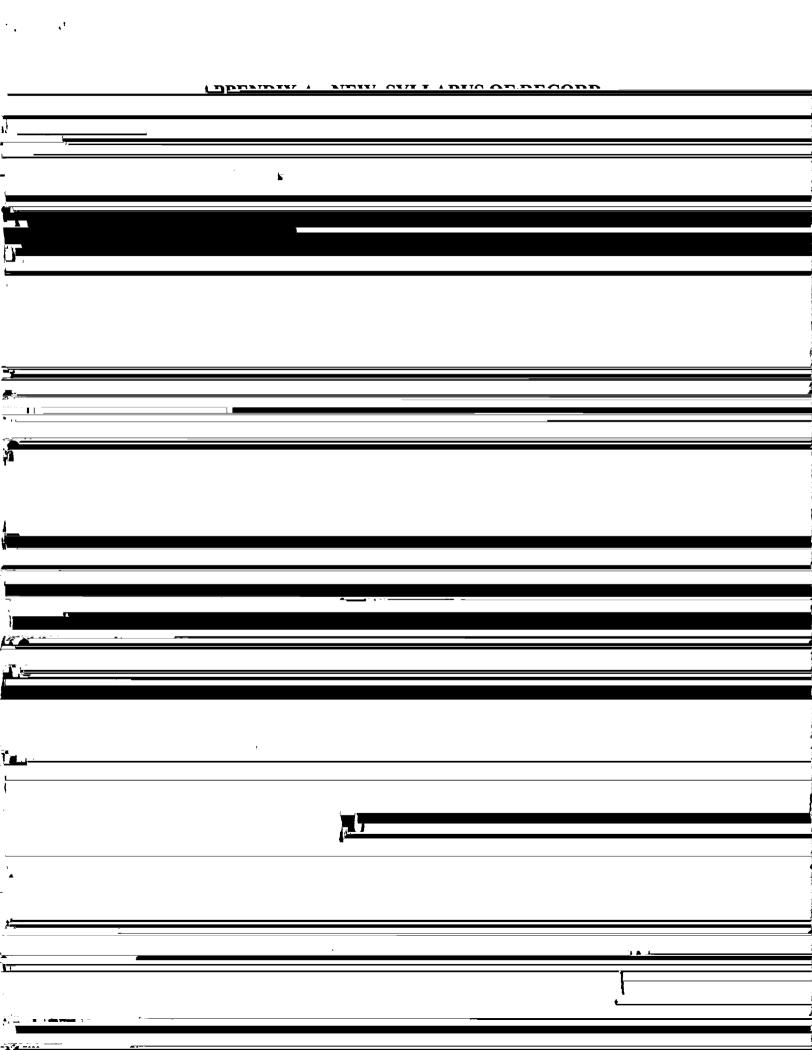
Prerequisites: SAFE 212

3 lab hours 3 credit hours (2c-31-3cr)

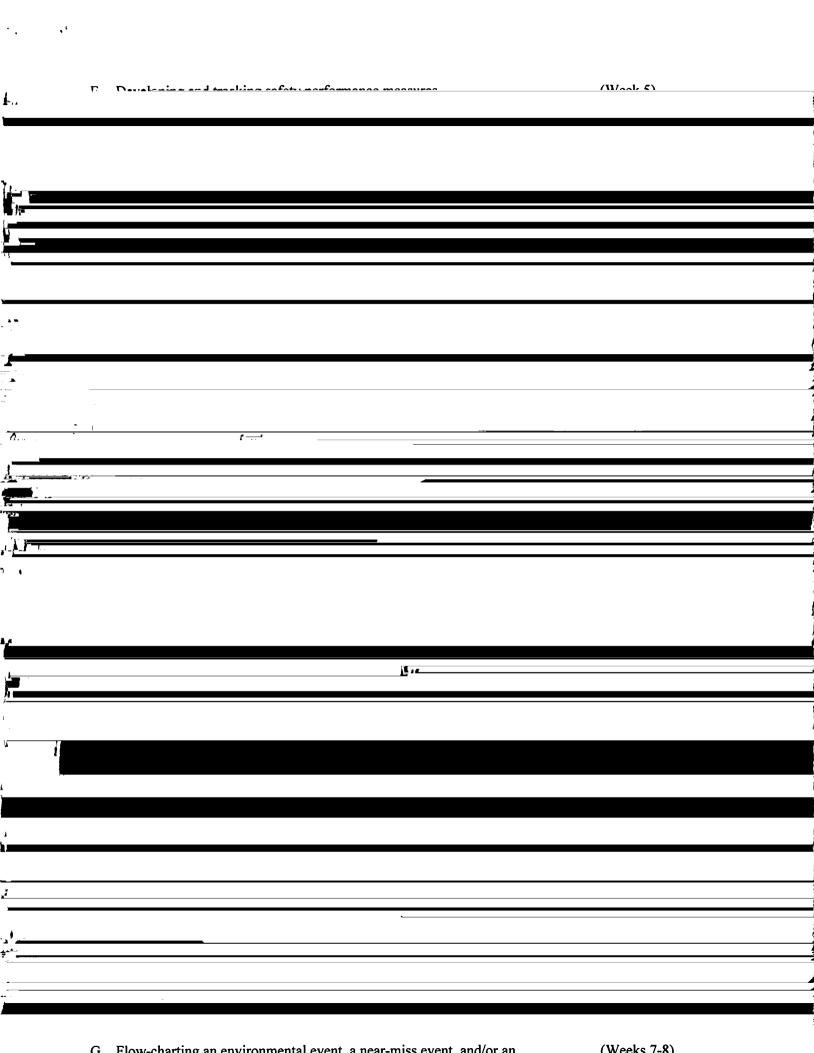
Designed to teach a systems-based approach to managing safety programs, hazards, and risk. Emphasis will be placed on understanding proactive approaches to conducting pre-hazard and life-cycle safety analyses of activities / operations and developing safety system documentation (e.g., policies, objectives, goals, performance measures, plans, committee objectives, safety procedures, work procedures, and talent and conductive reports.

·	d. The course content in the following areas was removed from SAFE 412 and placed in SAFE

<u> </u>	
	L
# 1 · · ·	
	effect sequencing and loss incident costs. In addition, the course content was reorganized to better reflect program outcomes and the revised content of SAFE 212. There is some duplication with SAFE 212 in terms of accident causation but this is necessary because of the importance and complexity of this content.
)	
- N	
Fere	The semale course exclustion was abanced by sometime the seculoscent for course and live
l cip	



D.	Components of a Safety Management System – Documentation	(Week 4)
	• Policies	
	Canly phigatisses torgate mission statements	
-	Administrative safety procedures	
	Work procedures	
E.	Components of a Safety Management System – Planning	(Weeks 5-8)
2.		
	, II	
	Workplace design and engineering	(Weeks 9.11)
	Workplace design and engineering Components of a Safety Management System – Implementation and	(Weeks 9-11)
	Workplace design and engineering Components of a Safety Management System – Implementation and and Operation	(Weeks 9-11)
	Workplace design and engineering Components of a Safety Management System – Implementation and and Operation Operational safety and health programs	(Weeks 9-11)
	Workplace design and engineering Components of a Safety Management System – Implementation and and Operation	(Weeks 9-11)
F.	 Workplace design and engineering Components of a Safety Management System – Implementation and and Operation Operational safety and health programs Training and orientation Behavior-based system approaches 	
F.	Workplace design and engineering Components of a Safety Management System – Implementation and and Operation Operational safety and health programs Training and orientation	(Weeks 9-11)
F.	Workplace design and engineering Components of a Safety Management System – Implementation and and Operation Operational safety and health programs Training and orientation Behavior-based system approaches Components of a Safety Management System – Evaluation and Corrective Action	
F.	Workplace design and engineering Components of a Safety Management System – Implementation and and Operation Operational safety and health programs Training and orientation Behavior-based system approaches Components of a Safety Management System – Evaluation and	



	v.	Example Grading Scale
·	_	The grading scale is as follows:
1		
-		
		B 80%-89% C 70%-79% D 60%-69%
		F < 60%
	VI.	Attendance Policy
		As student learning is enhanced by regular attendance and participation in class discussions, the instructor expects all students to attend class. The attendance policy for this class follows the Undergraduate Course Attendance Policy which is included in the Undergraduate Catalog.
	VII.	Text
<u>.</u>		0 11 0 0 4 1 D./0004) 311 El (1 0 0 0 0 10 0 0 17 14 0 1
<u> </u>		
	3	
2		
<u> </u>		
<u> </u>	-	
	V	
<u> </u>	1	

Historical Bibliographies:

Brassand, Michael. (1989). The Memory Jogger Plus: Featuring the Seven Management and Planning Tools. Methuen, MA: GOAL/QPC.

Coyle, Ian R., et al. (1995). Safety Climate. Journal of Safety Research 26 (4).

Fanning, F. (1998). <u>Basic Safety Administration: A Handbook for the New Safety Officer</u>. Des Plains, IL: American Society of Safety Engineers.

Callyn F. Thank at al. (MES). Behavior & Calvain Training for Commentional Coffee Monney VIA.

Make-A-Difference, Inc. (also companion Workbook and Discussion Workbook)

Krause, Thomas R., et al. (1990). <u>The Behavior-based Safety Process: Managing Involvement for an Injury-free Culture</u>. New York, NY: Van Nostrand Reinhold.

Mager Robert F. and Peter Pine. (1993). Analyzing Performance Problems: Or You Really Oughta

Wanna, 3rd ed. Belmont, CA: Lake Publishing.

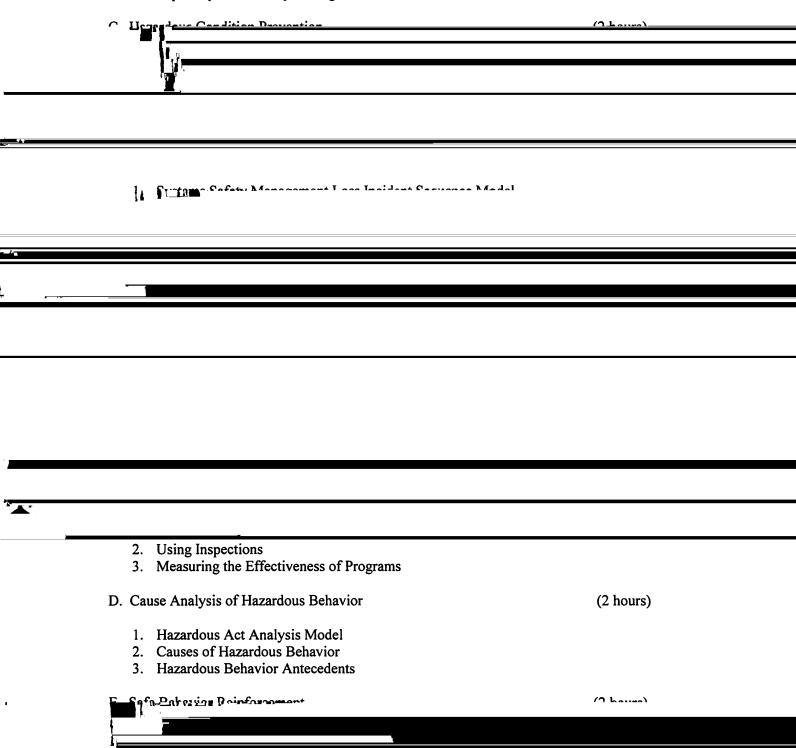
Manuele, Fred A. (1995). Guidelines: Designing for Safety. (A technical paper from Marsh &

APPENDIX B: OLD SYLLABUS OF RECORD

	LCatalog Description	
· -	SAFE 412 Hazard Prevention Management II	2 class hours 3 lab hours
		-
12		
	,	
F		
		(2c-31-3cr)
	Examine various safety management techniques to identify a	nd prevent the occurrence of hazardous
<u>,</u>	•	
W. as		
J.		
)		
1	₹>	
	{ }	



- 5. Scatter Diagrams
- 6. Force Field Analysis
- 7. Universal Model
- 8. Pope's Systems Safety Management



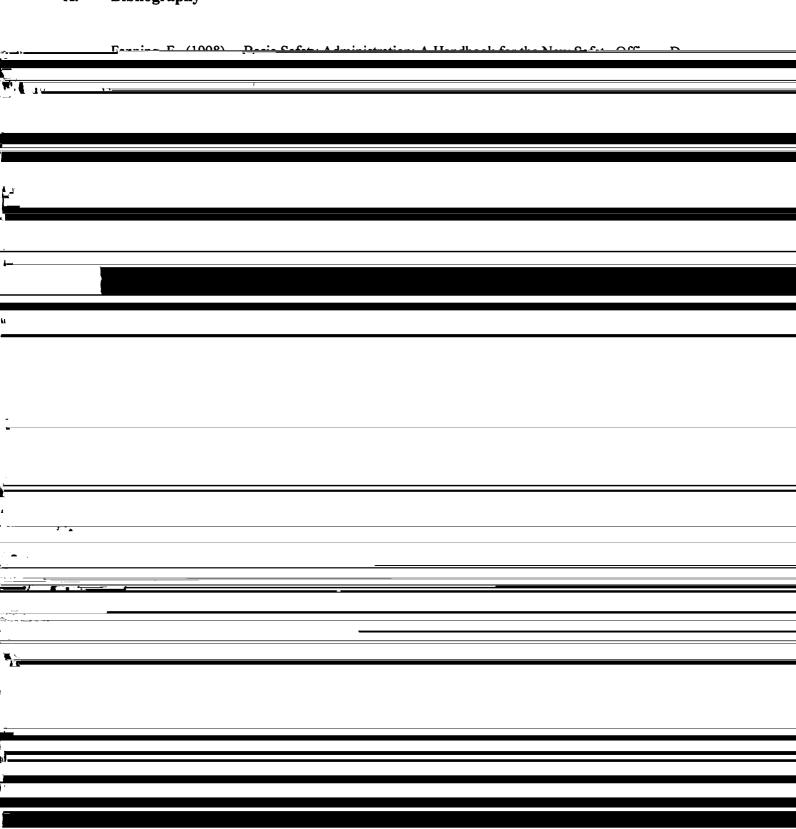
	I. Management Performance Evaluation		(3 hours)
	1. Data to Measure Individual Managers for	oses	
	J. Loss Management Information Systems		(3 hours)
	1ategories of Data from I oss Incident In	nvectioations	_
<u> </u>			
· -	2. Heine Committee December to Investigate	1 A1	
	 Using Computer Program to Investigate Cost-Benefit Analysis 	and Analyze	
	Culminating Activity		(2 hours)
		"	
	Title of Laboratom, Evaraisas	# cf.Hown	Lastino Units Corneral
' [
<u>}</u>			
<u> </u>			
·			
	Defining a System for Analysis	3	A,B,C
	Developing Programs	3	A,B,C
	Assessing Programs via Cause and Sequencing Analysis	3	В
	Analyzing Hazardous Conditions	3	С
	Analyzing Hazardous Behavior	3	D,E,F
	Reinforcing Safe Behavior	3	D,E
	Devising Training Programs	3	F
	Creating Training Devices and Sessions	3	F
	Analyzing Decisions via Cost/Benefit	3	G

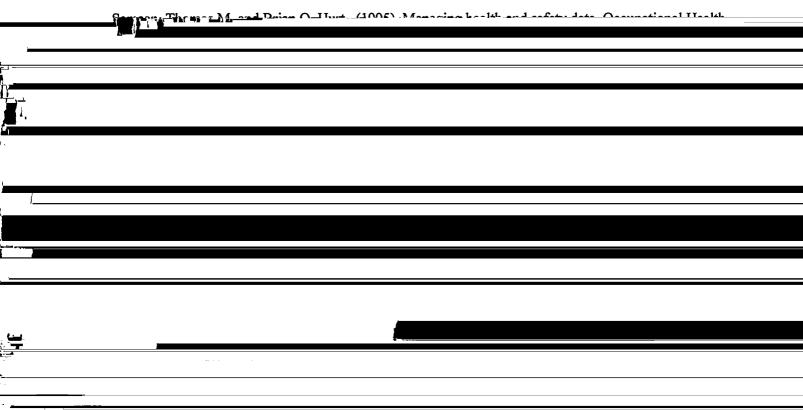
	The first range or commend to tooch this course could be one of account faculty within the Safate	•
	T _L	
<u> </u>		
<u> </u>		
		1 C.
<u> </u>	Sciences Department. What follows is an example of the evaluation methods and weighting used this course:	d for
<u></u> .	Sciences Department. What follows is an example of the evaluation methods and weighting used this course:	d for
<u></u>	this course: E. Examinations 40%	d for
	this course: E. Examinations 40% F. Homework 25%	d for
<u></u> -	this course: E. Examinations 40% F. Homework 25% G. Laboratory Reports 25%	d for
	this course: E. Examinations 40% F. Homework 25% G. Laboratory Reports 25% H. Course Portfolio 5%	d for
	this course: E. Examinations 40% F. Homework 25% G. Laboratory Reports 25%	d for
<u> </u>	this course: E. Examinations 40% F. Homework 25% G. Laboratory Reports 25% H. Course Portfolio 5% I. Class Participation 5%	
<u> </u>	this course: E. Examinations 40% F. Homework 25% G. Laboratory Reports 25% H. Course Portfolio 5%	
	this course: E. Examinations 40% F. Homework 25% G. Laboratory Reports 25% H. Course Portfolio 5% I. Class Participation 5%	
	this course: E. Examinations 40% F. Homework 25% G. Laboratory Reports 25% H. Course Portfolio 5% I. Class Participation 5%	
	E. Examinations 40% F. Homework 25% G. Laboratory Reports 25% H. Course Portfolio 5% I. Class Participation 5% Fxaminations: The examinations will be short answer, multiple choice, true/false and matching	
	E. Examinations 40% F. Homework 25% G. Laboratory Reports 25% H. Course Portfolio 5% I. Class Participation 5% Examinations: The examinations will be short answer, multiple choice, true/false and matching	
	E. Examinations 40% F. Homework 25% G. Laboratory Reports 25% H. Course Portfolio 5% I. Class Participation 5% Examinations: The examinations will be short answer, multiple choice, true/false and matching	
	E. Examinations 40% F. Homework 25% G. Laboratory Reports 25% H. Course Portfolio 5% I. Class Participation 5% Examinations: The examinations will be short answer, multiple choice, true/false and matching	
	E. Examinations 40% F. Homework 25% G. Laboratory Reports 25% H. Course Portfolio 5% I. Class Participation 5% Examinations: The examinations will be short answer, multiple choice, true/false and matching	
	E. Examinations 40% F. Homework 25% G. Laboratory Reports 25% H. Course Portfolio 5% I. Class Participation 5% Examinations: The examinations will be short answer, multiple choice, true/false and matching	

VIII. Special Resource Requirements

None

X. Bibliography





and Safety. December.

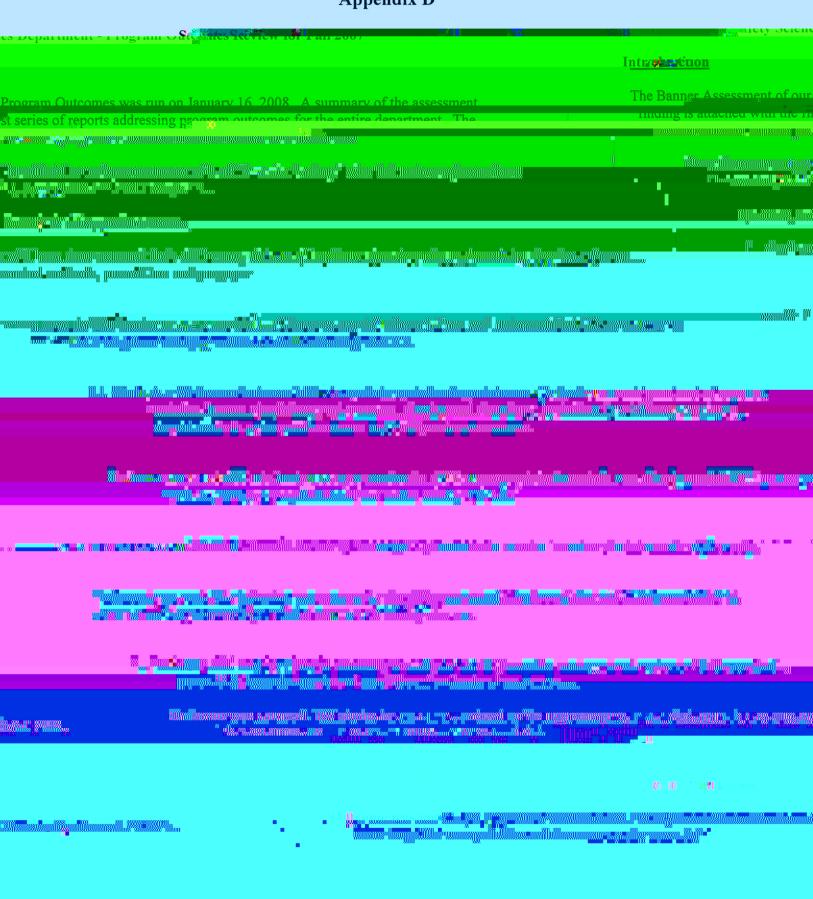
Wright, R. <u>Loss Management: International Management Audit System and LOMIS Incident Report Code Manual</u>. Toronto: Gulf Oil of Canada, Ltd.

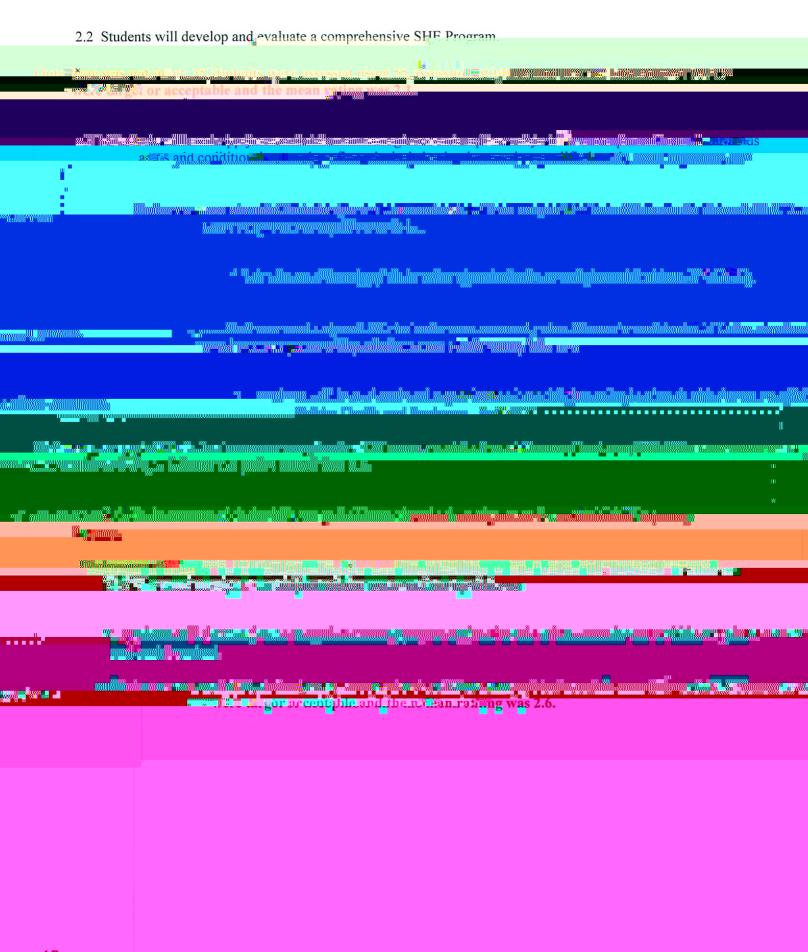
Appendix C: Catalog Description

2 class hours
3 lab hours
3 credit hours
(2c-31-3cr)

Designed to teach a systems-based approach to managing safety programs, hazards, and risk. Emphasis will be placed on understanding proactive approaches to conducting pre-hazard and life-cycle safety

Appendix D





"Ramest " < r Wednesdaw, Anpl.022200 11:09 AM ្នាប់ នេះ Fw: SAFE 212 and 412 ا وي Manage Market Common To Total Hope Proper port of the State of th THE STREET OF THE PROPERTY OF President extrol mountaines on our concerns