







G	المعلومات العامة عن المقرر General information about the course						
.1	اسم المقرر Course Title	الجيومورفولوجبا Geomorphology					
.2	رمز المقرر ورقمه Course Code and Number	وي GEOS231 جيوس 231					
		C	redit Hou	الساعات المعتمدة rs		الإجمالي	
.3	الساعات المعتمدة للمقرر Credit Hours	محاضرات Lecture	عملي Practical	سمنار/تمارین Seminar/Tutorial	تدریب Training	رم جات تي Total	
		2	1			3	
.4	المستوى والفصل الدراسي Study Level and Semester	Second Year: First Semester المستوى الثاني: الغصل الاول					
.5	المتطلبات السابقة المقرر (إن وجدت) Pre-requisites (if any)	PNR111					
.6	المتطلبات المصاحبة (إن وجدت) Co-requisites (if any)	None				لايوجد	
.7	البرنامج الذي يدرس له المقرر Program (s) in which the course is offered	Geosciences ية				العلوم	
.8	لغة تدريس المقرر Language of teaching the course	Englis	h/Arabic		ېي	انجليزي /عر	
.9	نظام الدراسة Study System	فصلي Semester				فصلم	
.10	مكان تدريس المقرر Location of teaching the course	-Faculty of Petroleum and Natural Resources Building					
.11	اسم معد(و) مواصفات المقرر Prepared by	أ.م.د بسيم شانف الخرباش Assoc. Prof. Bassim S. Al Khirbash					
.12	تاريخ اعتماد مجلس الجامعة Date of Approval			2020			

وصف المقرر Course Description

وصف المقرر ر بالإنجليزية

Providing students the main concepts of the geomorphology and it's applied, and explain geomorphological factors and processes that Influencing Earth's surface formation. Introduce students to methods of measuring surface phenomena and sign them on appropriate maps and figures. Providing students with methods for identifying geomorphological phenomena and determining the stages of their development, Identify the relation between geologic structure

تزويد الطلاب بالمفاهيم الرئيسية للجيومورفولوجيا وأهميتها التطبيقية وتوضيح العوامل والعمليات الجيومورفولوجية المؤثرة في تشكيل سطح الأرض وتعريف الطلاب بطرق قياس ظواهر سطح الأرض وتوقيعها على الخرائط. تزويد الطلاب بطرق تمييز الظواهر الجيومورفولوجية والتعرف على مراحل تطورها، تحديد العلاقة بين البنية التركيبيه الجيولوجية وأشكال الأرض الموجودة.

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Dean of the Faculty Assoc.Prof. Bassim AlKhirbash









and existing landforms.

C	مخرجات تعلم المقرر (Course Intended Learning Outcomes (CILOs)						
:Aft	er completing the course, the student will be able to	نهاء من دراسة المقرر سوف يكون الطالب قادرا على أن:	بعد الائت				
a1.	Shows knowledge and understanding basic principles of geomorphology.	معرفة وفهم المبادئ الاساسيه	a1				
		للجيومورفولوجيا.					
a2.	Defining and describing the different	تحديد ووصف الانوع المختلفة للظواهر	a2				
	geomorphological phenomena on the Earth.	الجيومورفولوجية على سطح الارض.					
b1.	Compare between different landform using	يقارن بين اشكال الارض بأستخدام	-b1				
	aerial photograph and satellite image.	الصور الجويه والفضائيه.					
b2.	Interpret most of landform construct and	تفسير معظم اشكال الارض بناء على	b 2				
	interpretation of topographic.	تفسير الخرائط الطبوغرافيه.	_				
c1.	Recognize the different geomorphological processes.	تمييز العمليات الجيومورفولوجية المختلفة.	- c1				
c2.	Classify different type of landforms.	تصنيف الانواع المختلفه للاشكال	- c2				
		الارضيه					
c3	Locate type of structure which formed	تحديد نوع الاشكال الارضيه المتكونه					
	landforms.	من الحركه التكتونيه.	- c3				
d1.	Determine the geomorphological shape and	التعرف على الاشكال والتضاريس الجيومورفولوجيه	d1				
	relief through the wind, river, glacial, wave and gravity.	بواسطة الرياح المياه والجليد والامواج والجاذبية.	_				
d2.	Work in groups.	العمل الجماعي.	d2 -				

Alignm	مواءمة مخرجات تعلم المقرر مع مخرجات التعلم للبرنامج: Alignment of CILOs (Course Intended Learning Outcomes) to PILOs (Program Intended Learning Outcomes)				
	مخرجات التعلم المقصودة من المقرر		مخرجات التعلم المقصودة من البرنامج		
	(Course Intended Learning Outcomes)	(Prog	gram Intended Learning Outcomes)		
		جميع مخرجات البرنامج كما هي رمزا ونصا)			
a1	Shows knowledge and understanding basic principles of geomorphology.	A1	Express knowledge and understanding of geological-specific theories, paradigms, concepts and principles, in addition to general literature and basic science.		
a2	Defining and describing the different geomorphological phenomena on the Earth.	A2	Explain fundamental geological principles and concepts in theoretical,		

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b1	Compare between different landform using aerial photograph and satellite image.	B1	practical and vocational situations and the possibility of applying them. Integrate synthesized geological data on a range of spatial and temporal scales to allow for scientific interpretations.
b2	Interpret most of landform construct and interpretation of topographic.	B2	Explore knowledge and skills in solving geological and environmental problems logically and professionally
c1	Recognize the different geomorphological processes.	C 1	Demonstrate the ability to identify rocks, minerals, and different structure in the field and in the lab.
c2	Classify different type of landforms.	C2	Apply new and established technologies with efficiency to collect and interpret geological data, recognizing their strengths and limitations.
d1	Determine the geomorphological shape and relief through the wind, river, glacial, wave and gravity.	D1	working environments
d2	Work in groups.	D2	Elucidate the necessary skills of practicing responsible and personal characteristics with discipline, and ability in making decision.

Alignm	Alignment of CILOs to Teaching and Assessment Strategies					
ولا: مواءمة مخرجات تعلم المقرر (المعارف والفهم) باستراتيجية التعليم والتقويم: First: Alignment of Knowledge and Understanding CILOs						
	مخرجات المقرر/ المعرفة والفهم Knowledge and Understanding CILOs	استراتيجية التعليم والتعلم Teaching Strategies	استراتيجية التقويم Assessment Strategies			
a1 - a2 -	Shows knowledge and understanding basic principles of geomorphology. Defining and describing the different geomorphological phenomena on the Earth.	lab exercisesSeminarsLecturesComputer software	- Quizzes, -Practical exam and written exam (Midterm and final).			
ثانيا: مواءمة مخرجات تعلم المقرر (المهارات الذهنية) باستراتيجية التدريس والتقويم: Second: Alignment of Intellectual Skills CILOs استراتيجية التقويم استراتيجية التعليم والتعلم مخرجات المقرر/ المهارات الذهنية						

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	Intellectual Skills CILOs	Teaching Strategic	es	Assessment Strategies		
b1 -	Compare between different landform using aerial photograph and satellite image.	-Scientific moviesSelf-learning (Reports).		Quizzes, assignments: Compare between		
b2 -	Interpret most of landform construct and interpretation of topographic.			Aerial photograph and Satellite image 3. Practical exam and written exam (Midterm and final).		
	عملية) باستراتيجية التدريس والتقويد	ر المهارات المهنية وال	د المقر	ثالثًا و مو اعمة مذرحات تعا		
تالثا: مواعمة مخرجات تعلم المقرر (المهارات المهنية والعملية) باستراتيجية التدريس والتقويم: Third: Alignment of Professional and Practical Skills CILOs						
	مخرجات المقرر/ المهارات المهنية والعملية	استراتيجية التعليم والتعلم		استراتيجية التقويم		
P	rofessional and Practical Skills CILOs	Teaching Strategies		Assessment Strategies		
c1	Recognize the different geomorphological processes.	1.groups	2-As	uizzes, signment:		
c2	Classify different type of landforms.	discussion, 2. Practical work,	speci 2. Re	escribe the rock men by stereoscope eports, term and final Practical		
	ستراتيجية التدريس والتقويم:	نرر (المهارات العامة) با،	طم المة	رابعا: مواءمة مخرجات ت		
Fourt	h: Alignment of Transferable (Gener	al) Skills CILOs				
,	مخرجات المقرر Transferable (General) Skills CILOs	استراتيجية التعليم والتعلم Teaching Strategies		استراتيجية التقويم Assessment Strategies		
d1-	Determine the geomorphological shape and relief through the wind, river, glacial, wave and gravity.	 Self-study Preparing reports. Computer based 		eports evaluation ral tests		
d2-	Work in groups.	teaching and learning				

Course Content محتوى المقرر					
Theor	موضوعات الجانب النظري etical Aspect				
الرقم Order	الموضوعات الرئيسة/ الوحدات Topic List / Units	الموضوعات الفرعية Sub Topics List	عدد الأسابيع Number of Weeks	الساعات الفعلية Contact Hours	رموز مخرجات التعلم للمقرر (CILOs)
1	Definition of Topographic map and aerial photograph.		2	4	a1,b2,c1, d2,

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2	Definition of fundamental concepts of geomorphology		1	2	a1,b2,d2,
3	Origin and shape of main geomorphic landforms.		1	2	a1,a2,b2,d2,
4	Role of weathering and soil processes in mass movements and evolution of slopes.		2	4	a1,b2,c1,c2,d2
5	Role of weathering and soil processes in mass movements and evolution of slopes.		2	4	a1,b1,b2,c1,c2, d2,
6	Arid and Aeolian landforms (sand dunes).		1	2	a1,a2,b1,b2,c1,c2 d1,d2
7	Origin and evolution of streams and hydrographic pattern.		1	2	a1,a2,b1,b2,c1,c2 d1,d2
8	Fluvial erosional landforms associated with different stream stages.		2	4	a1,a2,b1,b2,c1,c2 d1,d2
9	Fluvial depositional landforms associated with different stream stages.		1	2	a1,a2,b1,b2,c1,c2, d1,d2
10	Coastal geomorphology and types of shore lines.		1	2	a1,a2,b1,b2,c1,c2, d1,d2
	عد الأسابيع والساعات الفعلية Number of Weeks /and Contact Hours Per Semester			28	

Prac	Practical Aspect (if any) (إن وجدت) الموضوعات العملية (إن وجدت)			
الرقم Order	التجارب العملية/ التمارين / تدريبات Practical / Exercises/ Tutorials topics	عدد الأسابيع Number of Weeks	الساعات الفعلية Contact Hours	رموز مخرجات التعلم Course ILOs
1	Recognition details of topographic map	1	2	a1.d2
2	Definition of landforms from topographic map: A- Wadis (measurements of length, types, cross section, locate recharge and out let of wadi and drawing types of drainage patterns). B- locate the types of Slopes, cross section C- mountains and plateaus, cross section D- Trip field	3	6	a1,b2,c1,c2,d2
3	Explain different between Aerial photograph and satellite image. Overlapping use stereoscope.	1	2	2
4	Definition different types of landforms from aerial photograph.	1	2	2
5	Drawing the types of wadis and measurements	1	2	2

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	its length.			
6	Type of drainage patterns.	1	2	2
7	Types of slopes and determine the direction of inclination.	1	2	2
8	Structures faults, fractures and fold and determine the direction of tilting of strata.	1	2	2
9	Mapping of geomorphological map and explain Relation between structure and landforms.	1	2	2
10	Definition landforms from Ao Satellite image.	1	2	2
N	اجمالي الأسابيع والساعات الفعلية umber of Weeks /and Contact Hours Per Semester	12	24	

استراتيجيات التعليم والتعلم Teaching Strategies

- Lectures (brain storm, discussions) using board, data show and power point presentations, models and scientific movies.
- Self-learning by preparing essays and presentations using library and internet resources.
- Practical work using Computer software.

T	Tasks and Assignments الأنشطة والتكليفات				
r No	التكليف/ الواجب Assignments/ Tasks	نوع التكليف (فردي/ تعاوني)	الدرجة المستحقة Mark	أسبوع التنفيذ Week Due	خرجات التعلم CILOs (symbols)
1	Oral test and skills of discussion.		5	9	a1,a2,b2,c1, c2,d2
2	Report to assess student synthesis and self-learning.		5	11-13	a1,a2,b1,b2, c1,c2,d1,d2
	إجمالي الدرجة Total Score		10		

	Learning Assessment تقييم التعلم							
الرقم No.	أنشطة التقييم Assessment Tasks	أسوع التقييم Week due	الدرجة Mark	نسبة الدرجة إلى الدرجة النهائية Proportion of Final Assessment	مخرجات التعلم CILOs (symbols)			
1	الأنشطة والتكليفات Tasks and	Throughout	10	6.66	a1,a2,b2,c1, c2,d2			
2	Quizzes	W4,W6	5	3.33	a1,b2,c1,d2			
3	Midterm Exam (practical)	W7	(15)	10	a1,a2,b2,c1c2			

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الجمهوريسة اليمنسية وزارة التعليم العالسي والبحث العلمي جــــــامعة صــــنعاء كلية البترول والموارد الطبيعية

4	Lab activity/ Problem solving	Throughout	(5)	3.33	a1,a2,b2,c1,c2
5	Midterm Exam (theoretical)	W8	15	10	a1,a2,b1,b2c1,c2,d1,d2
	Final Exam (practical)	W 12	(30)	20	a1,a2,b1,b2c1,c2,d1,d2
6	Final Exam (theoretical)	W16	70	46.66	a1,a2,b1,b2,c1,c2,d1,d2
	جمالي Total	الأ	150	%100	

مصادر التعلم Learning Resources

توثق المراجع حسب نظام APA (اسم المؤلف، سنة النشر، اسم الكتاب، دار النشر، بلد النشر).

Required Textbook(s) (المراجع الرئيسة (التزيد عن مرجعين)

Fundamentals of Geomorphology (Richard Johnhugett) third edition

المراجع المسائدة Essential References

ا.د زكريا هميمى1997 دار الحكمه اليمانيه مبادي الجيومورفولوجيا

المصادر الإلكترونية ومواقع الإنترنت . Electronic Materials and Web Sites etc

https://www.google.com/search=geomorphology

Cours	se Policies الضوابط والسياسات المتبعة في المقرر
1	Class Attendance حضور الفعاليات التعليمية
	- Attendance is compulsory at all scheduled lectures and practical sessions. A student
	should attend not less than 75 % of total hours of the subject; otherwise he/she will not
	be able to take the exam and will be considered as exam failure and will be required to
	retake the course again.
2	الحضور المتأخر Tardy
	- For late in attending the class, the student will be initially notified. If he repeated lateness
	in attending class, he/she will be considered as absent.
3	Exam Attendance/Punctuality ضوابط الامتحان
	- The student should attend the exam on time. He/she is allowed to attend the exam within
	half an hour from the beginning of the exam, after that if late he/she will not be permitted
	to take the exam and will be considered as absent.
4	Assignments & Projects التعيينات والمشاريع
	- Student has to submit all the assignments/reports for checking on time, mostly one week
	after given the assignment.
5	Cheating الغش
	- Any student caught cheating will be expelled from the exam hall, and referred to a
	disciplinary council to apply the penalties as stipulated in the Student Affairs
	Regulations (SAR). Usually student will be assigned a course grade of F (Fail), more
	actions will be applied subject to the case in agreement with the SAR.
	Prepared by Quality Assurance Unit Dean of the Faculty Dean of the Development

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6 Plagiarism الانتحال

- Plagiarism means if you copy the work of another person and turn it in as your own, so plagiarism is one of the worst academic sins.
- Academic integrity, with its embodied values, is seen as a foundation of Sana'a University. It is the responsibility of all students to be familiar with behaviours and practices associated with academic integrity. Instructors are required to provide students and faculty with information on plagiarism and other forms of academic dishonesty, and has resources to help students succeed honestly. Such behavior will lead to severe punishment liable to faculty/department evaluation.

7 Other policies سياسات أخرى

- During class lectures, please make sure that all cell phones must be off or on silent and put away in your pocket, or backpack or purse. They should not be visible during class. Audio and/or visual recording devices including, but not limited to, computers, personal digital assistants (PDA's), iPods, tape recorders, and cameras are not permitted to be onthey should be turned off and put away in your pocket, backpack or purse. Failure to comply with these policies will result in exclusion from the class.
- Students are not allowed to carry a cell phone or any relevant material into the exam hall, otherwise any such act will be treated as a cheating case, and disciplinary action will be taken according to University rules as above.









الجمهوريسة اليمنسية وزارة التعليم العالسي والبحث العلمي جـــــامعة صــــنعاء كلية البترول والموارد الطبيعية

قسم/ برنامج: علوم الأرض /العلــوم الجيولوجيـــة العام الجامعي: 2019-2020م

خطة مقرر: الجيومورفولوجيــــا Course Plan (Syllabus): Geomorphology

Information about Faculty Member Responsible for the Course معلومات عن أستاذ المقرر							
الاسم Name	Bassim S. Al Khirbash (أسبوعيا) Office Hours						
المكان ورقم الهاتف Location &Telephone No.	772778900	السبت SAT	الأحد SUN	الاثنين MON	الثلاثاء TUE	الأربعاء WED	الخميس THU
البريد الإلكتروني E-mail	dralkhirbash@gmail.com						

(معومات عامة عن المقرر General information about the course					
.1	اسم المقرر Course Title	جيومورفولوجــيا - Geomorphology				
.2	رمز المقرر ورقمه Course Code and Number	GEOS231				
.3	الساعات المعتمدة للمقرر Credit Hours	الساعات المعتمدة Credit Hours الإجمالي الساعات المعتمدة الإجمالي عملي المحاضرات الدريب المعتمدة الإجمالي المحاضرات المحتمدة الإجمالي المحاضرات المحتمدة الإجمالي المحاضرات المحتمدة الإجمالي المحتمدة ال				•
.4	المستوى والفصل الدراسي Study Level and Semester	Second year – First Semester				
.5	المتطلبات السابقة للمقرر Pre-requisites			PNR111		
.6	المتطلبات المصاحبة (إن وجدت) Co –requisite					
.7	البرنامج الذي يدرس له المقرر Program (s) in which the course is offered	Geosci	ences	ـــــة	جيو لوجيـــــــ	العلـــوم ال
.8	لغة تدريس المقرر Language of teaching the course	انجلیزی/عربی English/Arabic				
.9	مكان تدريس المقرر Location of teaching the course	Faculty	of Petrole	um and Natura	l Resourc	es Building

وصف المقرر Course Description

Providing students the main concepts of the geomorphology and it's applied, and explain geomorphological factors and processes that Influencing Earth's surface formation. Introduce students to methods of measuring surface

تزويد الطلاب بالمفاهيم الرئيسية للجيومورفولوجيا وأهميتها التطبيقية وتوضيح العوامل والعمليات الجيومورفولوجية المؤثرة في تشكيل سطح الأرض وتعريف الطلاب بطرق قياس ظواهر سطح الأرض

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Dean of the Faculty Assoc.Prof. Bassim AlKhirbash









phenomena and sign them on appropriate maps and figures. Providing students with methods for identifying geomorphological phenomena and determining the stages of their development, Identify the relation between geologic structure and existing landforms. وتوقيعها على الخرائط. تزويد الطلاب بطرق تمييز الطواهر الجيومورفولوجية والتعرف على مراحل تطورها، تحديد العلاقة بين البنية التركيبيه الجيولوجية وأشكال الأرض الموجودة.

Course Intended Learning Outcome	مخرجات تعلم المقرر (Course Intended Learning Outcomes (CILOs)					
After completing the course, the student will be able to:	بعد الانتهاء من دراسة المقرر سوف يكون الطالب قادرا على أن:					
a1. Shows knowledge and understanding basic principles of geomorphology.	a1 - معرفة وفهم المبادئ الاساسية للجيومور فولوجيا.					
a2. Defining and describing the different geomorphological phenomena on the Earth.	a2 - تحديد ووصف الانوع المختلفة للظواهر الجيومورفولوجية على سطح الارض.					
b1 . Compare between different landform using Aerial photograph and satellite image.	b1 - يقارن بين اشكال الارض بأستخدام الصور الجويه و الفضائيه.					
b2. Interpret most of landform construct and interpretation of topographic.	b2 - تفسير معظم اشكال الارض بناء على تفسير الخرائط الطبوغرافيه.					
c1. Recognize the different geomorphological processes.	c1- تمييز العمليات الجيومورفولوجية المختلفة.					
c2. Classify different type of landforms.	c2 - تصنيف الانواع المختلفه للاشكال الارضيه.					
c3. Locate type of structure which formed landforms.	c3 - تحديد نوع الاشكال الارضيه المتكونه من الحركه التكتونيه.					
d1. Determine the geomorphological shape and relief through the wind, river, glacial, wave and gravity.	d1 - التعرف على الاشكال والتضاريس الجيومور فولوجيا بواسطة الرياح والمياه والجليد والامواج والجاذبية.					
d2. Work in groups.	d2 - العمل الجماعي.					

	محتوى المقرر Course Content					
The	خطة تنفيذ الموضوعات النظرية oretical Aspect					
ا لرقم Order	الوحدات (الموضوعات الرنيسة) Units	الموضوعات التفصيلية Sub Topics	الأسبوع Week Due	الساعات الفعلية Con. H		
1	Definition of Topographic map and aerial photograph.		2	4		
2	Definition of fundamental concepts of geomorphology		1	2		
3	Origin and shape of main geomorphic landforms.		1	2		

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Dean of the Faculty Assoc.Prof. Bassim AlKhirbash









4	Role of weathering and soil processes in mass movements and evolution of slopes.	2	4
5	Role of weathering and soil processes in mass movements and evolution of slopes.	2	4
6	Arid and Aeolian landforms (sand dunes).	1	2
7	Mid-term Exam	1	2
8	Origin and evolution of streams and hydrographic pattern.	1	2
9	Fluvial erosional landforms associated with different stream stages.	2	4
10	Fluvial depositional landforms associated with different stream stages.	1	2
11	Coastal geomorphology and types of shore lines.	1	2
12	Final Exam	1	2
	عد الأسابيع والساعات الفعلية Number of Weeks /and Contact Hours Per Semester		

Prac	خطة تنفيذ موضوعات الجانب العملي Practical / Training/ Tutorials/ Exercises Aspects				
الرقم Order	موضوعات العملي/ المهام / التمارين Practical/ Tutorials/ Exercises Aspects	الأسبوع Week Due	الساعات الفعلية Cont. H		
1	Recognition details of topographic map.	1	2		
2	Definition of landforms from topographic map: A- Wadis (measurements of length, types, cross section, locate recharge and out let of wadi and drawing types of drainage patterns). B- locate the types of Slopes, cross section C- mountains and plateaus, cross section D- Trip field	3	6		
3	Explain different between Aerial photograph and satellite image. Overlapping use stereoscope.	1	2		
4	Definition different types of landforms from aerial photograph.	1	2		
5	Drawing the types of wadis and measurements its length.	1	2		
6	Type of drainage patterns.	1	2		
7	Mid-term Exam	1	2		
8	Types of slopes and determine the direction of inclination.	1	2		
9	Structures faults, fractures and fold and determine the direction of tilting of strata.	1	2		

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10	Mapping of geomorphological map and explain Relation between structure and landforms.		2
11	11 Definition landforms from A _o Satellite image.		2
12	12 Final Exam		2
اجمالي الأسابيع والساعات الفعلية Number of Weeks /and Contact Hours Per Semester		14	28

استراتيجيات التعليم والتعلم Teaching Strategies

- Lectures (brain storm, discussions) using board, data show and power point presentations, models and scientific movies.
- Self-learning by preparing essays and presentations using library and internet resources.
- Practical work using Computer software.

7	Tasks and Assignments الأنشطة والتكليفات				
م No	التكليف/ الواجب Assignments	نوع التكليف (فردي/ تعاوني)	الدرجة المستحقة Mark	أسبوع التنفيذ Week Due	
1	Oral test and skills of discussion.		5	9	
2	Report to assess student synthesis and self-learning.		5	11-13	
	إجمالي الدرجة Total Score		10/150		

]	Learning Assessment تقويم التعلم					
۶ No	أساليب التقويم Assessment Method	موعد(أسبوع) التقويم Week Due	الدرجة Mark	الوزن النسبي% Proportion of Final Assessment		
1	الأنشطة والتكليفات Tasks and Assignments	Throughout	10	6.66		
2	Quizzes	W4,W6	5	3.33		
3	Midterm Exam (practical)	W7	(15)	10		
4	Lab activity/ Problem solving	Throughout	(5)	3.33		
5	Midterm Exam (theoretical)	W8	15	10		
6	Final Exam (practical)	W 12	(30)	20		
7	Final Exam (theoretical)	W16	70	46.66		
	Total المجموع 150 100%					

Learning	Resources	مصادر التعلم
		1

توثق المراجع حسب نظام APA (اسم المؤلف، سنة النشر، اسم الكتاب، دار النشر، بلد النشر).

المراجع الرئيسة (لا تزيد عن مرجعين) (Required Textbook(s

Fundamentals of Geomorphology (Richard Johnhugett) third edition

Prepared by Assoc.Prof. Adel Al-Matary Quality Assurance Unit Assoc.Prof. Adel Al-Matary Dean of the Faculty Assoc.Prof. Bassim AlKhirbash









المراجع المساندة Essential References الد زكريا هميمي1997 دار الحكمة اليمانية مبادي الجيومورفولوجيا

المصادر الإلكترونية ومواقع الإنترنت Electronic Materials and Web Sites etc.

https://www.google.com/search=geomorphology

الضوابط والسياسات المتبعة في المقرر	
1	Class Attendance حضور الفعاليات التعليمية - Attendance is compulsory at all scheduled lectures and practical sessions. A student
	should attend not less than 75 % of total hours of the subject; otherwise he/she will not be able to take the exam and will be considered as exam failure and will be required to retake the course again.
2	Tardy الحضور المتأخر
2	- For late in attending the class, the student will be initially notified. If he repeated lateness in attending class, he/she will be considered as absent.
3	Exam Attendance/Punctuality ضوابط الامتحان
	- The student should attend the exam on time. He/she is allowed to attend the exam within half an hour from the beginning of the exam, after that if late he/she will not be permitted to take the exam and will be considered as absent.
4	Assignments & Projects التعيينات والمشاريع
	- Student has to submit all the assignments/reports for checking on time, mostly one week after given the assignment.
5	Cheating الغش
	- Any student caught cheating will be expelled from the exam hall, and referred to a disciplinary council to apply the penalties as stipulated in the Student Affairs Regulations (SAR). Usually student will be assigned a course grade of F (Fail), more actions will be applied subject to the case in agreement with the SAR.
6	Plagiarism וلانتحال
	 Plagiarism means if you copy the work of another person and turn it in as your own, so plagiarism is one of the worst academic sins. Academic integrity, with its embodied values, is seen as a foundation of Sana'a
	University. It is the responsibility of all students to be familiar with behaviours and practices associated with academic integrity. Instructors are required to provide students and faculty with information on plagiarism and other forms of academic dishonesty, and
	has resources to help students succeed honestly. Such behavior will lead to severe punishment liable to faculty/department evaluation.
7	Other policies سیاسات آخری
	- During class lectures, please make sure that all cell phones must be off or on silent and put away in your pocket, or backpack or purse. They should not be visible during class. Audio and/or visual recording devices including, but not limited to, computers, personal digital assistants (PDA's), iPods, tape recorders, and cameras are not permitted to be onthey should be turned off and put away in your pocket, backpack or purse. Failure to
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الجمهوريسة اليمنسية وزارة التعليم العالسي والبحث العلمي جسسامعة صسسنعاء كلية البترول والموارد الطبيعية

comply with these policies will result in exclusion from the class.

- Students are not allowed to carry a cell phone or any relevant material into the exam hall, otherwise any such act will be treated as a cheating case, and disciplinary action will be taken according to University rules as above.