







مواصفات مقرر: ميكانيكا الموائع

Course Specification of: Fluid Mechanics

G	المعلومات العامة عن المقرر General information about the course					
.1	اسم المقرر Course Title	Fluid Mechanics میکائیکا الموائع				
.2	رمز المقرر ورقمه Course Code and Number	PNGE 224				
			Credit Hou	الساعات المعتمدة Irs		الإجمالي
.3	الساعات المعتمدة للمقرر Credit Hours	تدریب سمنار/تمارین عملی محاضرات Lecture Practical Seminar/Tutorial Training				
		2	1	-	-	3
.4	المستوى والفصل الدراسي Study Level and Semester	2 nd level, 1 st semester				
.5	المتطلبات السابقة المقرر (إن وجدت) Pre-requisites (if any)	PNR113, PNR 114				
.6	المتطلبات المصاحبة (إن وجدت) Co-requisites (if any)	-				
.7	البرنامج الذي يدرس له المقرر Program (s) in which the course is offered	BSC Pe	etroleum	& Natural Gas I	Engineerir	ng
.8	لغة تدريس المقرر Language of teaching the course	English	n/Arabic			
.9	نظام الدراسة Study System	Semesters				
.10	مكان تدريس المقرر Location of teaching the course	Faculty Buildings				
.11	اسم معد(و) مواصفات المقرر Prepared by	Dr. Sami Al- Hadad				
.12	تاريخ اعتماد مجلس الجامعة Date of Approval	2020				

وصف المقرر Course Description				
وصف المقرر ر بالإنجليزية	وصف المقرر ر بالعربية			
Fluid Mechanics is a course concerned with studying				
the different types of fluids and their properties. Also				
it is concerned with studying fluids at rest (statics)				
and in motion (dynamics). Learning and				
understanding the principles of this course for oil &				
gas engineering students is essential in analysis and				
design of fluid systems. This course aims to				
introduce the fundamentals of fluid mechanics and				
its applications. The main objectives of this course				

Prepared by Assoc.Prof. Adel Al-Matary Quality Assurance Unit Assoc.Prof. Adel Al-Matary

Dean of the Faculty Assoc.Prof. Bassim AlKhirbash









are	students	: to	learn:

- Fluid properties
- Types of flow
- Fluid pressure measurement
- Energy heads in fluids
- Forces affecting on submerged surfaces
- Bernoulli's theorem
- Bouncy and floatation
- Momentum principle in moving fluids

С	ourse Intended Learning Outcome	مخر جات تعلم المقرر (CILOs)
	completing the course, the student will be able to:	بعد الانتهاء من دراسة المقرر سوف يكون الطالب قادرا على أن:
a1.	Know the fundamentals of mathematics for modeling and analysis of fluid mechanic problems related to oil & gas engineering.	- a1
a2.	Understand the derivation of fluid mechanic concepts and theories by relating them to the real life engineering cases within oil & gas engineering	- a2
a3.	Demonstrate understanding of fluid physical properties.	
b1.	Apply the various fluid mechanics theories and demonstrate creative abilities in calculating the hydrostatic forces on submerged surfaces, study bouncy and floatation, and calculate the kinematic energy of fluids.	-b1
c1.	Ability to write technical reports/researches in relevance to fluid mechanics.	- c1
c2.	carry out presentations on the studied engineering projects using the modern techniques and facilities.	- c2
d1.	Participate in team-works in a harmonized manner for the solution of the targeted problems in fluid mechanic applications.	- d1
d2.	Communicate effectively with his fellow engineers, and to improve continuously his scientific and practical level in fluid mechanic field.	- d2

جات التعلم للبرنامج: Alignment of CILOs (Course Intended Learning Outcomes) to PILOs (Progra	مواءمة مخرجات تعلم المقرر مع مخرج m Intended Learning Outcomes)
مخرجات التعام المقصودة من المقرر	مذرحات التعام المقصودة من البرنامج

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









	(Course Intended Learning Outcomes)	(Program Intended Learning Outcomes)
		(تكتب جميع مخرجات البرنامج كما هي رمزا ونصا)
a1	Know the fundamentals of mathematics for modeling	A1
	and analysis of fluid mechanic problems related to	
	oil & gas engineering.	
a2	Understand the derivation of fluid mechanic concepts	
	and theories by relating them to the real life	
	engineering cases within oil & gas engineering	
a3	Demonstrate understanding of fluid physical	A2
	properties.	
b1	Apply the various fluid mechanics theories and	B1
	demonstrate creative abilities in calculating the	
	hydrostatic forces on submerged surfaces, study	
	bouncy and floatation, and calculate the kinematic	
	energy of fluids.	
c1	Ability to write technical reports/researches in	D3
	relevance to fluid mechanics.	
c2	carry out presentations on the studied engineering	C1
	projects using the modern techniques and facilities.	
d1	Participate in team-works in a harmonized manner for	D1
	the solution of the targeted problems in fluid mechanic	
	applications.	
d2	Communicate effectively with his fellow engineers,	D2
	and to improve continuously his scientific and	
	practical level in fluid mechanic field.	

Alignn	مواءمة مخرجات التعلم باستراتيجيات التعليم والتعلم والتقويم Alignment of CILOs to Teaching and Assessment Strategies					
First:	أولا: مواءمة مخرجات تعلم المقرر (المعارف والفهم) باستراتيجية التعليم والتعلم والتقويم: First: Alignment of Knowledge and Understanding CILOs					
ستراتيجية التقويم استراتيجية التعليم والتعلم مخرجات المقرر/ المعرفة والفهم Knowledge and Understanding CILOs Teaching Strategies Assessment Strate						
a1 -	Know the fundamentals of mathematics for modeling and analysis of fluid mechanic problems related to oil & gas engineering.		Written Assignment Written Exam Quizzes			
a2 -	Understand the derivation of fluid mechanic concepts and theories by relating them to the real life engineering cases within oil & gas engineering	solving	Participation			
а3 -	Demonstrate understanding of fluid physical properties.					

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









	ستراتيجية التدريس والتقويم:	م المقرر (المهارات الذهنية) با	ثانيا: مواءمة مخرجات تعلم
Secon	d: Alignment of Intellectual Skills CILOs		
	مخرجات المقرر/ المهارات الذهنية	استراتيجية التعليم والتعلم	استراتيجية التقويم
	Intellectual Skills CILOs	Teaching Strategies	Assessment Strategies
b1 -	Apply the various fluid mechanics theorie and demonstrate creative abilities in calculating the hydrostatic forces of submerged surfaces, study bouncy and floatation, and calculate the kinematic energy of fluids.	n Discussion Problem solving	Written Assignment Written Exam Quizzes Participation
	عملية) باستراتيجية التدريس والتقويم:	م المقرر (المهارات المهنية وال	ثالثًا: مواءمة مخرجات تعا
Third	l: Alignment of Professional and Pract	ical Skills CILOs	
	مخرجات المقرر/ المهارات المهنية والعملية	استراتيجية التعليم والتعلم	استراتيجية التقويم
]	Professional and Practical Skills CILOs	Teaching Strategies	Assessment Strategies
c1-	Ability to write technical reports/researches in relevance to fluid mechanics.	Lectures Discussion Project	Written Exam Participation Project evaluation
c2 -	carry out presentations on the studied engineering projects using the modern techniques and facilities.		
Four	ستراتيجية التدريس والتقويم: th: Alignment of Transferable (Gener	علم المقرر (المهارات العامة) با al) Skills CILOs	رابعا: مواءمة مخرجات تع
	مخرجات المقرر Transferable (General) Skills CILOs	استراتيجية التعليم والتعلم Teaching Strategies	استراتيجية التقويم Assessment Strategies
d1-	harmonized manner for the solution of the targeted problems in fluid mechanic applications.		Participation Project evaluation
d2-	Communicate effectively with his fellow engineers, and to improve continuously his scientific and practical level in fluid mechanic field.		

	Course Content:					
	A – Theoretical Aspect:					
Order	Units/Topics List	Learning Outcomes	Sub Topics List	Number of	contact hours	

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









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

				Weeks	
1	Unit 1:	a1, a2, a3, c1	 Mass density Weight density Specific volume Specific gravity Viscosity 	1	2
2	Fluid Properties	CI	Surface tensionCapillaryBulk modulusVapor pressure	1	2
3	Unit 2:	a1, a2, a3,	Hydrostatic lawAbsolute pressureVacuum pressure	1	2
4	Pressure measurements	c1	Manometers:PiezometerU-shaped manometer	1	2
5	Unit 3:	a1, a2, a3,	 Hydrostatic forces on horizontal plane Hydrostatic forces on vertical plane 	1	2
6	Hydrostatic forces on planes	c1	 Hydrostatic forces on inclined plane 	1	2
7			- Lock gates	1	2
8	Bouncy and Flotation	a1, a2, a3, c1	Center of BouncyStates of bouncy bodies equilibrium	1	2
9			Classification of fluids flowFluids flow-line classification	1	2
10	Unit 4: Fluid Kinematics	a1, a2, a3, c1	Flow velocity and accelerationDischargeContinuity equation	1	2
11			Potential velocityFlow function	1	2
12	IInit 5	01 02 -2	 Types of heads and energy of fluids in flow 	1	2
13 14	Unit 5: Fluid dynamics	a1, a2, a3, c1	- Bernoulli's equation - Flow in pipes connected into	1	2 2
17			pumps.	1	<u> </u>
			Total	14	28

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









Prac	Practical Aspect (if any) (إن وجدت 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	Density Experiment	2	4	a1, a2, a3, c1, d1		
2	Viscosity Experiment	2	4	a1, a2, a3, c1, d1		
3	Hydrostatic Pressure Experiment	2	4	a1, a2, a3, c1, d1		
4	Bernoulli Equation Experiment	2	4	a1, a2, a3, c1, d1		
Numbe	اجمالي الأسابيع والساعات الفعلية er of Weeks /and Contact Hours Per Semester	8	16			

استراتيجيات التعليم والتعلم Teaching Strategies

- Lectures
- Discussion
- Problems Solving
- Project

-	Tasks and Assignments الأنشطة والتكليفات							
م No	خرجات التعلم أسبوع التنفيذ الدرجة المستحقة الدرجة المستحقة الدرجة المستحقة (فردي/ تعاوني) نوع التكليف الواجب الواجب Mark No Assignments/ Tasks Mark Week Due CILOs (symbols)							
1	Assignment 1 – Unit 1		2	W 3	a1, a2, a3, c1			
2	Assignment 2 – Unit 2		2	W 5	a1, a2, a3, c1			
3	Assignment 3 – Unit 3		2	W 9	a1, a2, a3, c1			
4	Assignment 4 – Unit 4		2	W 13	a1, a2, a3, c1			
5	5 Assignment 5 – Unit 5 2 W 15 a1, a2, a3, c1							
	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	Assignment	Quarter	10	6.6%	a1, a2, a3, c1	
2	Participation	Weekly	5	3.4%	a1, a2, a3,	
3	Quizzes	End of a topic	10	6.6%	a1, a2, a3, c1d1	
4	Mid-Term (theoretical)	Week 8	15	10%	a1, a2, a3, c1,	
5	Mid-Term (practical)	Week 6	15	10%	a1, a2, a3, c1d1	

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









6	Final Exam (practical)	Week 12	25	16.7%	all
7	Final Exam (theoretical)	Week 16	70	46.7%	all
	الإجمالي Total			100%	

مصادر التعلم Learning Resources

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

Required Textbook(s) (الا تزيد عن مرجعين (لا تزيد عن مرجعين)

-المرجع الكامل في ميكانيكا الموائع (الجزء الأول) 2010 للمؤلف: شريف فتحي الشافعي – دار الكتب العلمية للنشر والتوزيع – القاهرة - مصر

2—Buddhi N. Hewakandamby (2012) – "A First Course in Fluid Mechanics for Engineers" bookboon.com

المراجع المساندة Essential References

Handouts

المصادر الإلكترونية ومواقع الإنترنت .Electronic Materials and Web Sites etc

none

Cou	rse Policies:
1	 Class Attendance: Students are expected to attend classes regularly and promptly. The attendance should not be less than 80%. If the student has been absent, he is responsible for finding out any missed material by consulting other students or going to the professor's office hours.
2	Tardy:- Attendance and arriving on time for the class are necessary. If the student is late, he will be prevented from class.
3	Exam Attendance/Punctuality: - According to the rules the student gets absent in the exam of the course.
4	Assignments & Projects: - Papers survey or projects should be submitted by the time detriment by the professor.
5	Cheating: - According to the rules, cheating is a serious offense and will always result in an imposition of a penalty. The penalties that can be started from the range of canceling the result of the course to canceling the student's admission.
6	Plagiarism: - Plagiarism is a serious offense and will always result in an imposition of a penalty. The penalties that can be started by making a zero mark for the work.
7	Other policies: - The student should by a commitment by the rules inside class and university.

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

Therefore, he is expected to show respect for his classmate, instructors &others.

















الجمهوريسة اليمنسية وزارة التعليم العالمي والبحث العلمي جـــــامعة صـــــنعاء كلية البترول والموارد الطبيعية

كلية: البترول والموارد الطبيعية

قسم/ برنامج: هندسة النفط والغاز الطبيعي

العام الجامعي: 2019- 2020م

خطة مقرر: ميكانيكا الموائع Course Plan (Syllabus): Fluid Mechanics

Information about Faculty Member Responsible for the Course معلومات عن أستاذ المقرر							
الاسم Name		أسبوعيا) O	لمكتبية ₍ ffice Ho	الساعات ا urs			
المكان ورقم الهاتف Location &Telephone No.		السبت SAT	الأحد SUN	الاثنين MON	الثلاثاء TUE	الأربعاء WED	الخميس THU
البريد الإلكتروني E-mail							

(General information about the course 🔳	ة عن المقرر	لومات عاماً	معا		
.1	اسم المقرر Course Title	Fluid Mechanics ميكاتيكا الموانع				
.2	رمز المقرر ورقمه Course Code and Number		PNGE 224			
		C	redit Hour	الساعات المعتمدة ع		الإجمالي
.3	الساعات المعتمدة للمقرر Credit Hours	تدریب سمنار/تمارین عملی محاضرات Lecture Practical Seminar/Tutorial Training				
		2 1 3				
.4	المستوى والفصل الدراسي Study Level and Semester	2 nd leve	el, 1 st sen	nester		
.5	المتطلبات السابقة للمقرر Pre-requisites	PNR11	3, PNR 1	14		
.6	المتطلبات المصاحبة (إن وجدت)Co-requisite	-				
.7	البرنامج الذي يدرس له المقرر Program (s) in which the course is offered	BSC Pe	etroleum	& Natural Gas	Enginee	ering
.8	لغة تدريس المقرر Language of teaching the course	English /	Arabic			
.9	مكان تدريس المقرر Location of teaching the course	Campus				

ملاحظة: الساعة المعتمدة للتمارين تساوى ساعتين فعليتين خلال التدريس.

وصف المقرر Course Description

Fluid Mechanics is a course concerned with studying the different types of fluids and their properties. Also it is concerned with studying fluids at rest (statics) and in motion (dynamics). Learning and understanding the principles of this course for oil & gas engineering students is essential in analysis and design of fluid systems. This course aims to introduce the fundamentals of fluid mechanics and its applications. The main objectives of this course are students to learn:

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









الجمهوريــة اليمنـــية وزارة التعليم العالـي والبحث العلمي جـــــامعة صـــــنعاء كلية البترول والموارد الطبيعية

- Fluid properties
- Fluid pressure measurement
- Forces affecting on submerged surfaces
- Bouncy and floatation

- Types of flow
- Energy heads in fluids
- Bernoulli's theorem
- Momentum principle in moving fluids

مخرجات تعلم المقرر (ClLOs) Course Intended Learning Outcomes				
After completing the course, the student will be able to:	بعد الانتهاء من دراسة المقرر سوف يكون الطالب قادرا على أن:			
a1 Know the fundamentals of mathematics for modeling	- a1			
and analysis of fluid mechanic problems related to oil &				
gas engineering.				
a2 Understand the derivation of fluid mechanic concepts	- a2			
and theories by relating them to the real life engineering				
cases within oil & gas engineering				
a3 Demonstrate understanding of fluid physical properties.	-a3			
b1 Apply the various fluid mechanics theories and	-b1			
demonstrate creative abilities in calculating the hydrostatic				
forces on submerged surfaces, study bouncy and floatation,				
and calculate the kinematic energy of fluids.				
c1 Ability to write technical reports/researches in relevance	- c1			
to fluid mechanics.				
c2 carry out presentations on the studied engineering	- c2			
projects using the modern techniques and facilities.				
d1 Participate in team-works in a harmonized manner for	- d1			
the solution of the targeted problems in fluid mechanic				
applications.				
d2 Communicate effectively with his fellow engineers, and	- d2			
to improve continuously his scientific and practical level in				
fluid mechanic field.				

	Course Content:				
	A - Theoretical As	pect:			
Order	Units/Topics List	Sub Topics List	Week due	contact hours	
1	Unit 1: Fluid Properties	 Mass density Weight density Specific volume Specific gravity Viscosity 	Week 1	2	
2		Surface tensionCapillary	Week 2	3	

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









		Bulk modulusVapor pressure		
3	Unit 2:	Hydrostatic lawAbsolute pressureVacuum pressure	Week 3	3
4	Pressure measurements	 Manometers: Piezometer U-shaped manometer 	Week 4	3
5	Unit 3:	 Hydrostatic forces on horizontal plane Hydrostatic forces on vertical plane 	Week 5	3
6	Hydrostatic forces on planes	 Hydrostatic forces on inclined plane 	Week 6	3
7		- Lock gates	Week 7	3
8	1	Mid-term Exam	Week 8	2
9	Bouncy and Flotation	Center of BouncyStates of bouncy bodies equilibrium	Week 9	3
10		Classification of fluids flowFluids flow-line classification	Week 10	3
11	Unit 4: Fluid Kinematics	Flow velocity and accelerationDischargeContinuity equation	Week 11	3
12		Potential velocityFlow function	Week 12	3
13	IIi. 5.	 Types of heads and energy of fluids in flow 	Week 13	3
14	Unit 5: Fluid dynamics	- Bernoulli's equation	Week 14	3
15	r inic dynamics	 Flow in pipes connected into pumps. 	Week 15	3
16		Final Exam	Week 16	2
		Total	16	46

Prac	خطة تنفيذ موضوعات الجانب العملي Practical / Training/ Tutorials/ Exercises Aspects					
ا لرقم Order	موضوعات العملي/ المهام / التمارين Practical/ Tutorials/ Exercises Aspects	الأسبوع Week Due	الساعات الفعلية Cont. H			
1	Density Experiment	Week 1-2	4			
2	Viscosity Experiment	Week 3-4	4			
3	Mid term exam	Week 6	2			
4	Hydrostatic Pressure Experiment	Week 7-8	4			
5	Bernoulli Equation Experiment	Week 9-10	4			

Prepared by Assoc.Prof. Adel Al-Matary

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









6 Lab. Final Exam	Week 12	2
اجمالي الأسابيع والساعات الفعلية Number of Weeks /and Contact Hours Per Ser	mester 10	20

استراتيجيات التعليم والتعلم Teaching Strategies

- Lectures
- Discussion
- Problems Solving
- Project

Т	Tasks and Assignments الأنشطة والتكليفات					
م No	التكليف/ الواجب Assignments	نوع التكليف (فردي/ تعاوني)	الدرجة المستحقة Mark	أسبوع التنفيذ Week Due		
1	Assignment 1 – Unit 1		2	W 3		
2	Assignment 2 – Unit 2		2	W 5		
3	Assignment 3 – Unit 3		2	W 9		
4	Assignment 4 – Unit 4		2	W 13		
5	Assignment 5 – Unit 5		2	W 15		
	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	Assignment	Quarter	10	6.6%		
2	Participation	Weekly	5	3.4%		
3	Quizzes	End of a topic	10	6.6%		
4	Mid-Term (theoretical)	Week 8	15	10%		
5	Mid-Term (practical)	Week 6	15	10%		
6	Final Exam (practical)	Week 12	25	16.7%		
7	Final Exam (theoretical)	70	46.7%			
	المجموع Total		150	100 %		

Learning Resources مصادر التعلم	
توثق المراجع حسب نظام APA (اسم المؤلف، سنة النشر، اسم الكتاب، دار النشر، بلد النشر).	
Required Textbook(s) (المراجع الرئيسة (لا تزيد عن مرجعين)	
-المرجع الكامل في ميكانيكا الموائع (الجزء الأول) 2010 للمؤلف: شريف فتحي الشافعي – دار الكتب العلمية للنشر	

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









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

والتوزيع – القاهرة - مصر

2—Buddhi N. Hewakandamby (2012) – "A First Course in Fluid Mechanics for Engineers" bookboon.com

المراجع المساندة Essential References

Handouts

المصادر الإلكترونية ومواقع الإنترنت .Electronic Materials and Web Sites etc

none

Course Policies:		
1	Class Attendance:	
	- Students are expected to attend classes regularly and promptly.	
	- The attendance should not be less than 80%.	
	- If the student has been absent, he is responsible for finding out any missed material by consulting other students or going to the professor's office hours.	
2	Tardy:	
	- Attendance and arriving on time for the class are necessary. If the student is late, he	
	will be prevented from class.	
3	Exam Attendance/Punctuality:	
	- According to the rules the student gets absent in the exam of the course.	
4	Assignments & Projects:	
	- Papers survey or projects should be submitted by the time detriment by the professor.	
5	Cheating:	
	- According to the rules, cheating is a serious offense and will always result in an imposition of a penalty. The penalties that can be started from the range of canceling the result of the course to canceling the student's admission.	
6	Plagiarism:	
	- Plagiarism is a serious offense and will always result in an imposition of a penalty.	
	The penalties that can be started by making a zero mark for the work.	
7	Other policies:	
	- The student should by a commitment by the rules inside class and university.	
	Therefore, he is expected to show respect for his classmate, instructors &others.	