

Syllabus*: Course Title and Code (1701081136) Second Semester 2021 /2022

Course Title : General Physics (I)	Course Code: 1701081136			
Semester: Second	Section: 1			
Department: Physic	Core Curriculum: B. Sc. of Science in Physics			
Faculty: Science				
Day(s) and Time(s): Sun, Tue, Thu 9:00-10:00 Am	Credit Hours: 3			
	Prerequisites: None			
Classroom: Eastern building (theater #2)				
COURSE DES	CRIPTION			
Physics 101 is the first course in a calculus-based physics offered to scientists and engineers. Topics to be covered in this course are: measurements and dimensional analysis, motion in one-dimension, vectors, motion in two-dimensions, laws of motion, circular motion and other applications of Newton's laws, work of constant and variable forces, energy of a system, work-energy theorem, conservation of energy, and linear momentum and collisions.				
DELIVERY METHODS				
The course will be delivered through a combination of active learning strategies. These will include:				
 PowerPoint lectures and active classroom based discussion 				
 Collaborative learning through small groups acting in an interdisciplinary context. 				

- Relevant films and documentaries
- Video lectures
- E-learning resources: e-reading assignments and practice quizzes through Model and Microsoft Team

FACULTY INFORMATION

Name	
Academic Title:	Associate Professor
Office Location:	Physics Building, Room # 107
Telephone Number:	
Email Address:	gassem@hu.edu.jo
Office Hours:	Sun, Tue, Thu 10-11 Am

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REFERENCES AND LEARNING RESOURCES

Required Textbook:

Textbook(1): Physics for Scientists and Engineers with Modern Physics, Raymond A. Serway and John W. Jewett, Thomson, BROOKS/COLE, 2014, 9th edition

Suggested Additional Resources:

(1): Fundamentals of Physics by David Halliday, Robert Resnick, and Jearl Walker, 10th 10th Edition, John Wiley and Sons, 2013.

(2): University Physics with modern physics, by Sears and Zemansky, 13th edition, Pearson education, 2012.

Useful Web Resources:

http://www.

STUDENT LEARNING OUTCOMES MATRIX*				
Core Curriculum Learning Outcomes	Program Learning Outcomes	Course Objectives	Course Student Learning Outcomes	Assessment Method
CC-LO-5 Think critically and creatively in a variety of methods in order to make decisions and	PHYS-LO-1: Apply critical thinking and demonstrate problem-solving skills in two or more of the major fields of physics.	1. Develop an understanding of the basic principles of the major branches of physics.	1. Develop a clear understanding of basic physical phenomena in mechanics as an integral part of the student's overall education	 Exams Quizzes "On-line' reading assignments homework assignments
solve problems.		2. Obtain a thorough foundation in the various fields of physics.	2. Explain natural phenomena using simple physics concepts.	 Exams Quizzes "On-line' reading assignments
		3. Learn to solve physics problems using basic mathematics.	3. Use algebra, trigonometry, and basic calculus, in solving problems in mechanics.	 Exams Quizzes "On-line' reading assignments homework assignments
		4. Develop an understanding of models and theories of physics	 4.1 Describe the motion of an object in one, two, and three dimensions. 4.2 Provide detailed and accurate description of the lows of motion 4.3 Provide detailed and accurate description of energy of a system and principle of conservation of energy 4.4 Provide detailed and accurate description of linear momentum and 	 Exams Quizzes "On-line' reading assignments homework assignments

			collisions	
.CC-LO-4. Communicate competently with others using oral and written English skills	PHYS-LO-4: Use modern literature search methods to obtain information about physics topics and write reports.	5. Obtain an understanding of the role of physics in other disciplines, and its importance in society.	5. Acquire the ability to learn independently; articulate the importance of independent learning for future professional development	 "On-line" reading assignments Term project
CC-LO-6. Demonstrate competency in the use of research skills and various information sources.	PHYS-LO-6: Communicate results to physicists and non- physicists.	6. Acquire positive attitudes towards further studies in physics and towards the application of physics in other disciplines.	6. Develop a positive attitude towards physics and its applications in society, and towards further study and lifelong learning.	• Term project
CC-LO-7. Identify the general concepts of humanities and natural sciences in a manner that reveals their value in life.				

* يتم تعديلها وفقا لما يتم تحديده لكل مساق بالتنسيق مع الكلية والقسم المعني

ACADEMIC SUPPORT

It is The Hashemite University policy to provide educational opportunities that ensure fair, appropriate and reasonable accommodation to students who have disabilities that may affect their ability to participate in course activities or meet course requirements. Students with disabilities are encouraged to contact their Instructor to ensure that their individual needs are met. The University through its Special Need section will exert all efforts to accommodate for individual's needs.

Special Needs Section: N.A Tel: Location: Email:

COURSE REGULATIONS

Participation

Class participation and attendance are important elements of every student's learning experience at The Hashemite University, and the student is expected to attend all classes. A student should not miss more than 15% of the classes during a semester. *Those exceeding this limit of 15% will receive a failing grade regardless of their performance*. It is a student's responsibility to monitor the frequency of their own absences. Attendance record begins on the first day of class irrespective of the period allotted to drop/add and late registration. It is a student's responsibility to sign-in; failure to do so will result in a non-attendance being recorded.

In exceptional cases, the student, with the instructor's prior permission, could be exempted from attending a class provided that the number of such occasions does not exceed the limit allowed by the University. The instructor will determine the acceptability of an absence for being absent. A student who misses more than 25% of classes and has a valid excuse for being absent will be allowed to withdraw from the course.

Plagiarism

Plagiarism is considered a serious academic offence and can result in your work losing marks or being failed. HU expects its students to adopt and abide by the highest standards of conduct in their interaction with their professors, peers, and the wider University community. As such, a student is expected not to engage in behaviours that compromise his/her own integrity as well as that of the Hashemite University.

Plagiarism includes the following examples and it applies to all student assignments or submitted work:

- Use of the work, ideas, images or words of someone else without his/her permission or reference to them.
- Use of someone else's wording, name, phrase, sentence, paragraph or essay without using quotation marks.
- Misrepresentation of the sources that were used.

The instructor has the right to fail the coursework or deduct marks where plagiarism is detected

Late or Missed Assignments

In all cases of assessment, students who fails to attend an exam, class project or deliver a presentation on the scheduled date without prior permission, and/or are unable to provide a medical note, will automatically receive a fail grade for this part of the assessment.

Submitting a term paper on time is a key part of the assessment process. Students who fail to submit their work by the deadline specified will automatically receive a 10% penalty. Assignments handed in more than 24 hours late will receive a further 10% penalty. Each subsequent 24 hours will result in a further 10% penalty.

• In cases where a student misses an assessment on account of a medical reason or with prior permission; in line with University regulations an incomplete grade for the specific assessment will be awarded and an alternative assessment or extension can be arranged.

Student Complaints Policy

Students at The Hashemite University have the right to pursue complaints related to faculty, staff, and other students. The nature of the complaints may be either academic or non-academic. For more information about the policy and processes related to this policy, you may refer to the students' handbook.

COURSE ASSESSMENT

Course Calendar and Assessment

Students will be graded through the following means of assessment and their final grade will be calculated from the forms of assessment as listed below with their grade weighting taken into account. The criteria for grading are listed at the end of the syllabus

Assessment	Grade	Deadline
	Weighting	Assessment
e.g. Exam 1	e.g. 30%	Add date/time
e.g. Exam 2	e.g. 30%	Add date/time
e.g. Quizzes	-	-
e.g. Homework	-	-
e.g. Final Exam (3)	e.g. 40%	Add date/time

Description of Exams

Test questions will predominately come from material presented in the lectures. Semester exams will be conducted during the regularly scheduled lecture period. Exams will consist of multiple choice questions and will be held electronically on campus.

Homework: Will be given for each chapter, while the chapter in progress you are supposed to work on them continuously and submit in next lecture when I finish the chapter.

You are also expected to work on in-chapter examples, self-tests and representative number of end of chapter problems. The answers of self-tests and end of chapter exercises are given at the end of the book.

Quizzes: Unannounced quizzes will be given during or/and at the end of each chapter based upon the previous lectures. It will enforce that you come prepared to the class.

No make-up exams, homework or quizzes will be given. Only documented absences will be considered as per HU guidelines.

Grades are not negotiable and are awarded according to the following criteria*:

Letter Grade	Description	Grade Points
A+	Excellent	4.00
А		3.75
A-		3.50
B+	Very Good	3.25
В		3.00
В-		2.75
C+	Good	2.50
С		2.25
C-		2.00
D+	Pass	1.75
D	Pass	1.50
F	Fail	0.00
I	Incomplete	-

* يمكن التعديل حسب طبيعة البرنامج (بكالوريوس/در اسات عليا)

WEEKLY LECTURE SCHEDULE AND CONTENT DISTRIBUTION

مثال على التوزيع : مساق الكيمياء العامة 101

"Lecture hours and weeks are approximate and may change as needed"

<u>Chapter 1</u>	Physics and Measurement	Week 1	3 lecture hours				
1.3 Dimensional Analysis							
Suggested prol	Suggested problems: 9,11,12,14,15						
Chapter 2	Motion in One Dimension	Week 2-3	6 lecture hours				
2.1 Positio	on, Velocity, and Speed						
2.2 Instan	taneous Velocity and Speed						
2.3 Analys	sis Model: Particle Under Constant Velocity						
2.4 Accele	ration						
2.6 Analys	is Model: Particle Under Constant Acceleration						
2.7 Freely	Falling Objects						
Suggested prol	olems: 1,3,4,14,15,19,21,24,29,,38,49,52						
Chapter 3	Vectors	Week 4	<u>3 lecture hours</u>				
3.1 Coord	inate Systems						
3.2 Vector	and Scalar Quantities						
3.3 Some	Properties of Vectors						
3.4 Components of a Vector and Unit Vectors							
Suggested prol	olems: 1,4,11,15,19,23,25,31,37						
<u>Chapter 4</u>	Motion in Two Dimensions	Week 5-6	<u>6 lecture hours</u>				
4.1 The F	Position, Velocity, and Acceleration Vectors						
4.2 Two-	Dimensional Motion with Constant Acceleration						

4.3	Projectile Motion				
4.4	Analysis Model: Particle in Uniform Circular Motion				
4.5	4.5 Tangential and Radial Acceleration				
Sugge	sted problems: 1 5 9 15 20 40 41 42				
Dugger					
	First Exam				
<u>Chapte</u>	<u>rr 5</u> <u>The Laws of Motion</u>	<u>Week 7-8</u>	<u>6 lecture hours</u>		
5.1	The Concept of Force				
5.2	Newton's First Law and Inertial Frames				
5.3	Mass				
5.4	Newton's Second Law				
5.5	The Gravitational Force and Weight				
5.6	Newton's Third Law				
5.7	Analysis Models Using Newton's Second Law				
5.8	Forces of Friction				
Sugges	sted problems: 11,19,28,32,40,43,55,61,66				
<u>Chapte</u>	<u>cr 6</u> Circular Motion and Other Applications				
	of Newton's Laws	Week 9	<u>3 lecture hours</u>		
6.1	Extending the Particle in Uniform Circular Motion Model				
6.2	Nonuniform Circular Motion				
Sugges	sted problems: 6,13,14,16,19,54				
	Second Exam				
Chanta	w 7 Enorgy of a System	T T 1 10 11			
	T Energy of a System	Week 10-11	6 lecture hours		
7.1	Systems and Environments	<u>Week 10-11</u>	<u>6 lecture hours</u>		
7.1 7.2	Systems and Environments Work Done by a Constant Force	<u>Week 10-11</u>	<u>6 lecture hours</u>		
7.1 7.2 7.3	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors	<u>Week 10-11</u>	<u>6 lecture hours</u>		
7.1 7.2 7.3 7.4	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force	<u>Week 10-11</u>	<u>6 lecture hours</u>		
7.1 7.2 7.3 7.4 7.5	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work-Kinetic Energy Theorem	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Смарие 7.1 7.2 7.3 7.4 7.5 7.6	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work-Kinetic Energy Theorem Potential Energy of a System	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapter 7.1 7.2 7.3 7.4 7.5 7.6 7.7	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work–Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapter 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work–Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Polationship Between Conservative Forces	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapter 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 Suggest	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work-Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Relationship Between Conservative Forces and Potential Energy sted problems: 11.14.17.21.29.31.45.49.50.51	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapter 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 Sugges	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work–Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Relationship Between Conservative Forces and Potential Energy sted problems: 11,14,17,21,29,31,45,49,50,51	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapter 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 Sugges	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work–Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Relationship Between Conservative Forces and Potential Energy sted problems: 11,14,17,21,29,31,45,49,50,51	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapte 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 Sugges	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work-Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Relationship Between Conservative Forces and Potential Energy sted problems: 11,14,17,21,29,31,45,49,50,51	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapte 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 Sugges Chapte 8.1	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work-Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Relationship Between Conservative Forces and Potential Energy sted problems: 11,14,17,21,29,31,45,49,50,51	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapte 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 Sugges Chapte 8.1 8.2	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work-Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Relationship Between Conservative Forces and Potential Energy sted problems: 11,14,17,21,29,31,45,49,50,51 Xr & Conservation of Energy Analysis Model: Nonisolated System (Energy) Analysis Model: Isolated System (Energy)	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapte 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 Sugges Chapte 8.1 8.2 8.3	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work-Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Relationship Between Conservative Forces and Potential Energy sted problems: 11,14,17,21,29,31,45,49,50,51 Extra 8 Conservation of Energy Analysis Model: Nonisolated System (Energy) Analysis Model: Isolated System (Energy) Situations Involving Kinetic Friction	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapte 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 Sugges Chapte 8.1 8.2 8.3 8.4	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work–Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Relationship Between Conservative Forces and Potential Energy sted problems: 11,14,17,21,29,31,45,49,50,51 er 8 Conservation of Energy Analysis Model: Nonisolated System (Energy) Analysis Model: Isolated System (Energy) Situations Involving Kinetic Friction Changes in Mechanical Energy for Nonconservative Forces	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapte 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 Sugges Chapte 8.1 8.2 8.3 8.4 8.5	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work–Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Relationship Between Conservative Forces and Potential Energy sted problems: 11,14,17,21,29,31,45,49,50,51 Xr & Conservation of Energy Analysis Model: Nonisolated System (Energy) Analysis Model: Isolated System (Energy) Situations Involving Kinetic Friction Changes in Mechanical Energy for Nonconservative Forces	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapte 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 Sugges Chapte 8.1 8.2 8.3 8.4 8.5 Sugges	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work-Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Relationship Between Conservative Forces and Potential Energy sted problems: 11,14,17,21,29,31,45,49,50,51 Extreme Conservation of Energy Analysis Model: Isolated System (Energy) Analysis Model: Isolated System (Energy) Situations Involving Kinetic Friction Changes in Mechanical Energy for Nonconservative Forces Power Sted problems: 5,7,23,29,59,63	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapte 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 Sugges 8.1 8.2 8.3 8.4 8.5 Sugges	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work-Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Relationship Between Conservative Forces and Potential Energy sted problems: 11,14,17,21,29,31,45,49,50,51 Xr 8 Conservation of Energy Analysis Model: Nonisolated System (Energy) Analysis Model: Isolated System (Energy) Situations Involving Kinetic Friction Changes in Mechanical Energy for Nonconservative Forces Power Sted problems: 5,7,23,29,59,63	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapte 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 Sugges Chapte 8.1 8.2 8.3 8.4 8.5 Sugges	Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work-Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Relationship Between Conservative Forces and Potential Energy sted problems: 11,14,17,21,29,31,45,49,50,51 <i>xr</i> 8 Conservation of Energy Analysis Model: Nonisolated System (Energy) Analysis Model: Isolated System (Energy) Situations Involving Kinetic Friction Changes in Mechanical Energy for Nonconservative Forces Power sted problems: 5,7,23,29,59,63	<u>Week 12-13</u>	<u>6 lecture hours</u>		
Chapte 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 Sugges Chapte 8.1 8.2 8.3 8.4 8.5 Sugges Chapte 9.1	Systems and Environments Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work–Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Relationship Between Conservative Forces and Potential Energy sted problems: 11,14,17,21,29,31,45,49,50,51 xr & Conservation of Energy Analysis Model: Nonisolated System (Energy) Analysis Model: Isolated System (Energy) Situations Involving Kinetic Friction Changes in Mechanical Energy for Nonconservative Forces Power sted problems: 5,7,23,29,59,63 xr 9 Linear Momentum and Collisions Linear Momentum	<u>Week 10-11</u>	<u>6 lecture hours</u>		
Chapte 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 Sugges Chapte 8.1 8.2 8.3 8.4 8.5 Sugges Chapte 9.1 9.2	Systems and Environments Systems and Environments Work Done by a Constant Force The Scalar Product of Two Vectors Work Done by a Varying Force Kinetic Energy and the Work-Kinetic Energy Theorem Potential Energy of a System Conservative and Nonconservative Forces Relationship Between Conservative Forces and Potential Energy sted problems: 11,14,17,21,29,31,45,49,50,51 Xr 8 Conservation of Energy Analysis Model: Nonisolated System (Energy) Analysis Model: Isolated System (Energy) Situations Involving Kinetic Friction Changes in Mechanical Energy for Nonconservative Forces Power sted problems: 5,7,23,29,59,63 xr 9 Linear Momentum and Collisions Linear Momentum Analysis Model: Isolated System (Momentum)	<u>Week 10-11</u>	<u>6 lecture hours</u>		

0.4			
9.4	Collisions in One Dimension		
9.5	Collisions in Two Dimensions		
9.6	The Center of Mass		
9.7	Systems of Many Particles		
Suggest	ted problems: 3,19,30,33,40,45,49		
<u>Review</u>		<u>Week 15</u>	<u>3 lecture hours</u>
Univers	sity Exams	<u>Week 16</u>	

ASSESSMENT RUBRICS

Classroom Participation: Assessment Criteria					
	Quality				S
Criteria	Excellent (4 points)	Good (3 points)	Satisfactory (2 points)	Needs Improvement (1 points)	c o r e
Degree to which studen t integra tes course reading s into classro om partici pation	 often cites from readings; uses readings to support points; often articulates "fit" of readings with topic at hand. 	 occasionally cites from readings; sometimes uses readings to support points; occasionally articulates "fit" of readings with topic at hand . 	 -rarely able to cite from readings; - rarely uses readings to support points; - rarely articulates "fit" of readings with topic at hand 	 -unable to cite from readings; -cannot use readings to support points; cannot articulates "fit" of readings with topic at hand . 	2
Interac tion/ partici pation in classro om discuss ions	 -always a willing participant, responds frequently to questions; routinely volunteers point of view . 	 often a willing participant, responds occasionally to questions; occasionally volunteers point of view . 	 rarely a willing participant, rarely able to respond to questions; rarely volunteers point of view . 	 -never a willing participant., - never able to respond to questions; - never volunteers point of view . 	2
Interac tion/pa rticipat ion in classro om learnin g activiti	 - always a willing participant; - acts appropriately during all role plays; - responds frequently to questions; - routinely 	 often a willing participant; acts appropriately during role plays; responds occasionally to questions; occasionally volunteers point of 	 rarely a willing participant. occasionally acts inappropriately during role plays; rarely able to respond to direct questions; rarely volunteers 	 -never a willing participant often acts inappropriately during role plays;, never able to respond to direct questions; never volunteers point of view. 	3

es	volunteers point of	view.	point of view .		
Demon stratio n of profess ional attitud e and demea nor	-always demonstrates commitment through thorough preparation; - always arrives on time; - often solicits instructors' perspective outside class.	 rarely unprepared; rarely arrives late; occasionally solicits instructors' perspective outside class . 	 often unprepared; occasionally arrives late; rarely solicits instructors' perspective outside class . 	 -rarely prepared; often arrives late; -never solicits instructors' perspective outside class 	2

Assessment Rubrics to be determined by the department. Add samples below.

	Classroom Participation: Oral Presentation												
Element	Excellent				Satisfactory			Needs Improvement					
	8	7	6	5	4	3	2	1	0				
Organiz ation	There is a logical sequence of information. Title slide and closing slide are included appropriately.			sec Title s	There is some logical • sequence of information. Title slide and closing slides • are included.			There is little or no logical sequence of information. Title slide and/ or closing slides are not included.					
Slide Design (text, colors, backgro und, illustrati ons, size, titles, subtitles)	Presentation is attractive and • appealing to viewers.			Pres	Presentation is somewhat • appealing to viewers.			Little to no attempt has been made to make presentation appealing to viewers.					
Content	Preser comp Information is	ntation cove oletely and in clear, appro and a	rs topic n depth. opriate, ccurate.	Presei	ntation inclu essential inf Some infor somewhat o incorrect.co	des some formation. mation is confusing, or flawed.	Pres Inform	sentation inclu little esser informati ation is confusi curate, or flaw	des • ntial on. ing, • red.	7			
Languag e	Spelling, grammar, usage, and • punctuation are accurate			There a spe	are minor pro lling, gramm and/or pur	oblems in • har, usage, nctuation.	Th	ere are persist errors in spell mar, usage, and punctuat	ent • ling, d/or ion.	7			

			Less or not fluent and					
			effective.					
Delivery	Ideas were communicated with •	There was some difficulty •	There was great 🔹					
	enthusiasm, proper voice	communicating ideas due to	difficulty communicating					
	projection and clear delivery.	voice projection, lack of	ideas due to poor voice					
		preparation, incomplete work,	projection, lack of					
	There was sufficient eye contact •	and/or insufficient eye	preparation, incomplete					
	with audience.	contact.	work, and/or little or no					
			eye contact.	7				
	There were sufficient use of 🔹	Insufficient use of non-verbal						
	other non-verbal communication	communication skills.	No use of non verbal					
	skills.		communication skills.					
		Delivery pace is somewhat •						
	Appropriate delivery pace was	appropriate.	Inappropriate delivery					
	used.		pace was used.					
Interacti	Answers to questions are	Most answers to questions	Answers to questions					
on with	Allswers to questions are -	are coherent and complete.	are neither coherent nor					
Audienc	conferent and complete.		complete.	7				
е	Answers demonstrate confidence	Answers somehow •		· ·				
	and extensive knowledge	demonstrate confidence and	Is tentative or unclear in •					
	and extensive knowledge.	extensive knowledge.	responses.					
	Total Score (Y x 5/16) =							

 يمكن اجراء التعديلات المناسبة حسب طبيعة المقرر وبالتنسيق مع الكلية المعنية وتحديد أنواع التعلم بوضوح (الكتروني، مدمج، وجاهي) ونماذج التعلم (نسبة التعلم الوجاهي الى الأالكتروني ونسبة التعلم المتزامن الى غير المتزامن) التي سوف يتم اتباعها أثناء تدريس المساقات وبما يتوائم مع نسب الادماج المشار اليها في كتاب مجلس التعليم العالي رقم مع/.1427 .

Date: Feb, 27, 2022

Prepared by:

Dr. Gassem Alzoubi