



## خطة المساق الدراسي COURSE PLAN

أولاً: تعريف المساق					
<b>FIRST: COURSE IDENTIFICATION</b>					
<b>الكلية والقسم</b>					
College	Medicine				الكلية
Department	Pathology and forensic medicine				القسم
Academic Year	2 <sup>nd</sup>				السنة الدراسية
Academic Semester	1 <sup>st</sup>				الفصل الدراسي
<b>تفاصيل المساق</b>					
Course Title	Introduction to pathology				اسم المساق
Course Code	BMS 215				رمز المساق
Course Type	(Theory and Practical)				نوع المساق
Credit Hours	3				الساعات المعتمدة
Pre-requisite	NA				المتطلب السابق
<input type="checkbox"/> مدمج <input type="checkbox"/> الكتروني كامل <input checked="" type="checkbox"/> وجاهي					آلية تدريس المساق
Teaching Method	<input checked="" type="checkbox"/> Face-to-Face <input type="checkbox"/> Online <input type="checkbox"/> Blended				
<b>المدرس</b>					
Name	Dr. Shifaa' Al Qa'qa'				اسم المدرس
Office No.	505				رقم المكتب
Tel (Ext)	NA	NA			الرقم الداخلي
E-mail	<a href="mailto:shqaqa@bau.edu.jo">shqaqa@bau.edu.jo</a>	<a href="mailto:shqaqa@bau.edu.jo">shqaqa@bau.edu.jo</a>			البريد الالكتروني
Office Hours					الساعات المكتبية
وقت المحاضرة Class Times	وقت البدء Start Time	وقت النهاية End Time	اليوم Day	المبنى Building	رقم القاعة Room No.
1.5 hours for theory 3 hours for lab	8/8:30	2:30	Mon, Wed theory Mon, Tue, and Wed practical	Faculty of medicine	301-302 501-502 Pathology labs
<b>مصادر المساق</b>					
<b>Textbook</b>					
<b>PATHOLOGY:</b> 1. Basic Pathology, by Kumar, et al, Latest edition. 2. Handouts and online					
<b>المراجع والقراءات ومصادر تعلم المساق:</b>					
Lectures, discussions, practical sessions, and reviews					
<b>ثانياً: معلومات المساق</b>					
<b>SECOND: COURSE OVERVIEW/DESCRIPTION</b>					



Course description			وصف المساق
This course covers the study of cell injury including its causes, mechanisms, morphologic alterations and cellular death, adaptations of cellular growth and differentiation, Inflammation including its types, causes, morphologic features and mechanisms, tissue renewal, regeneration, and repair, hemodynamic disorders including edema, hyperemia, congestion, thrombosis, embolism infarction and shock, neoplasia including nomenclature and characteristics of benign and malignant neoplasms.			
Course Objectives			أهداف المساق
By the end of this course, students should be able to			مع نهاية هذا المساق يجب أن يكون الطالب قادراً على
CO1.	Understand cellular responses to stress and toxic insults.		الهدف 1:
CO2.	Understand adaptations of cellular growth and differentiation ( Hypertrophy, Hyperplasia, atrophy and Metaplasia)		الهدف 2:
CO3.	Know causes of cell injury and morphologic alterations in cell injury (reversible injury, necrosis).		الهدف 3:
CO4.	Know mechanisms of cell injury.		الهدف 4:
CO5.	Understand ischemic-reperfusion Injury		الهدف 5:
CO6.	Understand apoptosis (causes of apoptosis, morphologic and biochemical changes, mechanisms).		الهدف 6:
CO7.	Know autophagy, intracellular accumulations, pathologic calcification and cellular aging.		الهدف 7:
CO8.	Know acute Inflammation (Stimuli, reactions of blood vessels and leukocytes, termination morphologic patterns and outcomes).		الهدف 8:
CO9.	Know mediators of inflammation		الهدف 9:
CO10.	Know chronic inflammation (Causes, morphologic features, granulomatous inflammation and outcomes).		الهدف 10:
CO11.	Know systemic effects of inflammation.		الهدف 11:
CO12.	Understand tissue renewal, regeneration, and repair.		الهدف 12:
CO13.	Understand cell cycle and the regulation of cell replication.		الهدف 13:
CO14.	Know mechanisms of tissue and organ regeneration, extracellular matrix and cell-matrix interactions, healing by repair, scar formation and fibrosis.		الهدف 14:
CO15.	Know hemodynamic disorders including edema, hyperemia and congestion, hemorrhage, hemostasis and thrombosis, embolism, infarction and shock.		الهدف 15:
CO16.	Understand neoplasia (Nomenclature, Characteristics of Benign and Malignant Neoplasms, Epidemiology, Molecular basis of cancer and multistep carcinogenesis, Carcinogenic agents and their cellular interactions, Clinical aspects, Grading and staging of tumors, and Laboratory diagnosis of cancer).		الهدف 16:
Program Intended Learning Outcomes (PILO):			مخرجات التعلم المستهدفة للبرنامج
Knowledge & understanding Professional	PILO1	Show understanding of various human body systems in terms of structure, function, and regulation, and normal anatomical, biochemical, cellular, genetic, and molecular mechanisms in human body and their disruptions during disease status.	م ب 1: تفهم الأنظمة المختلفة للجسم البشري من حيث البنية، الوظيفة، والتنظيم، والآليات الطبيعية التشريحية، الكيميائية الحيوية، الخلوية، الجينية، والجزيئية في الجسم البشري وانحرافها أثناء المرض.



	PILO2	Collect history and perform physical examination and apply clinical knowledge and skills in disease diagnosis and management through rational planning in requesting necessary, updated, and accurate diagnostic procedures.	م ب 2:	
	PILO3	Demonstrate and apply sufficient knowledge of drugs and pharmacotherapy concepts for rational drug use in clinical: therapeutic and preventive settings.	م ب 3:	
	PILO4	Understand and apply the concepts and application of community and preventive medicine.	م ب 4:	
	PILO5	Build an efficient and healthy doctor-patient and doctor-community relationship.	م ب 5:	
	PILO6	Recognize and apply the basic concepts and principles in scientific research, emphasizing research ethics and the practice of evidence-based medicine.	م ب 6:	
	PILO7	Appreciate and apply the principles of medical and sustainable professional development.	م ب 7:	
	PILO8	Respect and adhere to ethical principles in all aspects of education, training, and work.	م ب 8:	
<b>Course Intended Learning Outcomes (CILO)</b>				<b>مخرجات التعلم المستهدفة للمساق</b>
<b>Successful completion of the course should lead to the following outcomes:</b>				
Knowledge & understanding	CILO1	The cellular responses to stress and toxic insults.	م م 1:	المعرفة والفهم
	CILO2	Adaptations of cellular growth and differentiation ( Hypertrophy, Hyperplasia, atrophy and Metaplasia)	م م 2:	
	CILO3	Causes of cell injury and morphologic alterations in cell injury (reversible injury, necrosis).	م م 3:	
	CILO4	Mechanisms of cell injury.	م م 4:	
	CILO5	Ischemic-reperfusion Injury	م م 5:	
	CILO6	Apoptosis (causes of apoptosis, morphologic and biochemical changes, mechanisms).	م م 6:	
	CILO7	Autophagy, intracellular accumulations, pathologic calcification and cellular aging.	م م 7:	
	CILO8	Acute Inflammation (Stimuli, reactions of blood vessels and leukocytes, termination morphologic patterns and outcomes).	م م 8:	
	CILO9	Mediators of inflammation	م م 9:	
	CILO10	Chronic inflammation (Causes, morphologic features, granulomatous inflammation and outcomes).	م م 10:	
	CILO11	Systemic effects of inflammation.	م م 11:	
	CILO12	Tissue renewal, regeneration, and repair.	م م 12:	
	CILO13	Cell cycle and the regulation of cell replication.	م م 13:	



		<b>CILO14</b>	Mechanisms of tissue and organ regeneration, extracellular matrix and cell-matrix interactions, healing by repair, scar formation and fibrosis.	مم 14:	
		<b>CILO15</b>	Hemodynamic disorders including edema, hyperemia and congestion, hemorrhage, hemostasis and thrombosis, embolism, infarction and shock.	مم 15:	
		<b>CILO16</b>	Neoplasia (Nomenclature, Characteristics of Benign and Malignant Neoplasms, Epidemiology, Molecular basis of cancer and multistep carcinogenesis, Carcinogenic agents and their cellular interactions, Clinical aspects, Grading and staging of tumors, and Laboratory diagnosis of cancer).	مم 16:	
	Professional Skills	<b>CILO17</b>	The student should be able to differentiate the morphological and clinical applications.	مم 17:	المهارات
	Competences	<b>CILO18</b>	The student should be able to correlate the four aspects of disease with clinical diagnosis	مم 18:	الكفايات



Mapping Course Learning Outcomes CILOs to Program Learning Outcomes PILOs				موانمة مخرجات التعلم للمساق CILOs مع مخرجات التعلم للبرنامج PILOs				
	Show understanding of various human body systems in terms of structure, function, and regulation, and normal anatomical, biochemical, cellular, genetic, and molecular mechanisms in human body and their disruptions during disease status.	Collect history and perform physical examination and apply clinical knowledge and skills in disease diagnosis and management through rational planning in requesting necessary, updated, and accurate diagnostic procedures.	Demonstrate and apply sufficient knowledge of drugs and pharmacotherapy concepts for rational drug use in clinical: therapeutic and preventive settings.	Understand and apply the concepts and application of community and preventive medicine.	Build an efficient and healthy doctor-patient and doctor-community relationship.	Recognize and apply the basic concepts and principles in scientific research, emphasizing research ethics and the practice of evidence-based medicine.	Appreciate and apply the principles of medical and sustainable professional development.	Respect and adhere to ethical principles in all aspects of education, training, and work.
The cellular responses to stress and toxic insults.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adaptations of cellular growth and differentiation (Hypertrophy, Hyperplasia, atrophy and Metaplasia)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Causes of cell injury and morphologic alterations in cell injury (reversible injury, necrosis).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mechanisms of cell injury.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ischemic-reperfusion Injury	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Apoptosis (causes of apoptosis, morphologic and biochemical changes, mechanisms).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Autophagy, intracellular accumulations, pathologic calcification and cellular aging.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Mapping Course Learning Outcomes CILOs to Program Learning Outcomes PILOs			موائمة مخرجات التعلم للمساق CILOs مع مخرجات التعلم للبرنامج PILOs						
	Show understanding of various human body systems in terms of structure, function, and regulation, and normal anatomical, biochemical, cellular, genetic, and molecular mechanisms in human body and their disruptions during disease status.	Collect history and perform physical examination and apply clinical knowledge and skills in disease diagnosis and management through rational planning in requesting necessary, updated, and accurate diagnostic procedures.	Demonstrate and apply sufficient knowledge of drugs and pharmacotherapy concepts for rational drug use in clinical: therapeutic and preventive settings.	Understand and apply the concepts and application of community and preventive medicine.	Build an efficient and healthy doctor-patient and doctor-community relationship.	Recognize and apply the basic concepts and principles in scientific research, emphasizing research ethics and the practice of evidence-based medicine.	Appreciate and apply the principles of medical and sustainable professional development.	Respect and adhere to ethical principles in all aspects of education, training, and work.	
Acute Inflammation (Stimuli, reactions of blood vessels and leukocytes, termination morphologic patterns and outcomes).	☒	☒	☐	☐	☐	☐	☐	☐	☐
Mediators of inflammation	☒	☒	☐	☐	☐	☐	☐	☐	☐
Chronic inflammation (Causes, morphologic features, granulomatous inflammation and outcomes).	☒	☒	☐	☐	☐	☐	☐	☐	☐
Systemic effects of inflammation.	☒	☒	☐	☐	☐	☐	☐	☐	☐
Tissue renewal, regeneration, and repair.	☒	☒	☐	☐	☐	☐	☐	☐	☐



Cell cycle and the regulation of cell replication.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mechanisms of tissue and organ regeneration, extracellular matrix and cell-matrix interactions, healing by repair, scar formation and fibrosis.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Mapping Course Learning Outcomes CILOs to Program Learning Outcomes PILOs				موائمة مخرجات التعلم للمساق CILOs مع مخرجات التعلم للبرنامج PILOs				
	Show understanding of various human body systems in terms of structure, function, and regulation, and normal anatomical, biochemical, cellular, genetic, and molecular mechanisms in human body and their disruptions during disease status.	Collect history and perform physical examination and apply clinical knowledge and skills in disease diagnosis and management through rational planning in requesting necessary, updated, and accurate diagnostic procedures.	Demonstrate and apply sufficient knowledge of drugs and pharmacotherapy concepts for rational drug use in clinical: therapeutic and preventive settings.	Understand and apply the concepts and application of community and preventive medicine.	Build an efficient and healthy doctor-patient and doctor-community relationship.	Recognize and apply the basic concepts and principles in scientific research, emphasizing research ethics and the practice of evidence-based medicine.	Appreciate and apply the principles of medical and sustainable professional development.	Respect and adhere to ethical principles in all aspects of education, training, and work.
Hemodynamic disorders including edema, hyperemia and congestion, hemorrhage, hemostasis and thrombosis, embolism, infarction and shock.	☒	☒	☐	☐	☐	☐	☐	☐
Neoplasia (Nomenclature, Characteristics of Benign and Malignant Neoplasms, Epidemiology, Molecular basis of cancer and multistep carcinogenesis, Carcinogenic agents and their cellular interactions,	☒	☒	☐	☐	☐	☐	☐	☐



Clinical aspects, Grading and staging of tumors and Laboratory diagnosis of cancer).								
The student should be able to differentiate the morphological and clinical applications.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The student should be able to correlate the four aspects of disease with clinical diagnosis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>





## Topic Outline/Schedule (Syllabus)

## مخطط المساق (الموضوعات)

المحاضرة Lecture	مواضيع المساق / الفعاليات Course Topics/Events	القراءات (المراجع) Readings (Reference) رقم	رقم المساق CILO مخرجات	رقم البرنامج PILO مخرجات	أنشطة التدريس والتعلم Teaching & Learning Activity	العلامة Mark	الوقت / الموعد Duration/ Deadlines
1.	Introduction	1,2	1-18	1,2	Power point material, Videos	2-4	
2.	Cellular responses to stress (1)	1,2	1-18	1,2	Power point material, Videos	2-4	
3	Cellular responses to stress (2)	1,2	1-18	1,2	Power point material, Videos	2-4	
4	Cellular responses to stress (3)	1,2	1-18	1,2	Power point material, Videos	2-4	
5	Cellular responses to stress (4)	1,2	1-18	1,2	Power point material, Videos	2-4	
6	Cellular responses to stress (5)	1,2	1-18	1,2	Power point material, Videos	2-4	
7	Inflammation (1)	1,2	1-18	1,2	Power point material, Videos	2-4	



المحاضرة Lecture	مواضيع المساق / الفعاليات Course Topics/Events	القراءات (المراجع) Readings (Reference) رقم	رقم المساق CLO	رقم البرنامج PILO	أنشطة التدريس والتعلم Teaching & Learning Activity	العلامة Mark	الوقت / الموعد Duration/ Deadlines
8	Inflammation (2)	1,2	1-18	1,2	Power point material, Videos	2-4	
9	Inflammation (3)	1,2	1-18	1,2	Power point material, Videos	2-4	
10	Inflammation (4)	1,2	1-18	1,2	Power point material, Videos	2-4	
11	Inflammation (5)	1,2	1-18	1,2	Power point material, Videos	2-4	
12	Tissue repair (1)	1,2	1-18	1,2	Power point material, Videos	2-4	
13	Tissue repair (2)	1,2	1-18	1,2	Power point material, Videos	2-4	
14	Tissue repair (3)	1,2	1-18	1,2	Power point material, Videos	2-4	
15	Tissue repair (4)	1,2	1-18	1,2	Power point material, Videos	2-4	



المحاضرة Lecture	مواضيع المساق / الفعاليات Course Topics/Events	القراءات (المراجع) Readings (Reference) رقم	رمز المساق CLO	رمز البرنامج PLO	أنشطة التدريس والتعلم Teaching & Learning Activity	العلامة Mark	الوقت /الموعد Duration/ Deadlines
<b>MIDTERM</b>						40 Theory 10 Practical, others	
16	Hemodynamic disorders (1)	1,2	1-18	1,2	Power point material, Videos	2-4	
17	Hemodynamic disorders (2)	1,2	1-18	1,2	Power point material, Videos	2-4	
18	Hemodynamic disorders (3)	1,2	1-18	1,2	Power point material, Videos	2-4	
19	Neoplasia (1)	1,2	1-18	1,2	Power point material, Videos	2-4	
20	Neoplasia (2)	1,2	1-18	1,2	Power point material, Videos	2-4	
21	Neoplasia (3)	1,2	1-18	1,2	Power point material, Videos	2-4	
22	Neoplasia (4)	1,2	1-18	1,2	Power point material, Videos	2-4	



المحاضرة Lecture	مواضيع المساق / الفعاليات Course Topics/Events	القراءات (المراجع) Readings (Reference) رقم	رمز المساق CLO	رمز البرنامج PLO	أنشطة التدريس والتعلم Teaching & Learning Activity	العلامة Mark	الوقت / الموعد Duration/ Deadlines
23	Neoplasia (5)	1,2	1-18	1,2	Power point material, Videos	2-4	
24	Neoplasia (6)	1,2	1-18	1,2	Power point material, Videos	2-4	
25	Amyloidosis	1,2	1-18	1,2	Power point material, Videos	2-4	
<b>Final Exam</b>						35 theory 15 practical, others	
<b>PRACTICAL LABORATORY SESSIONS</b>							
1	Lab 1	1,2	1-18	1,2	Models, discussions, Power point material, Videos	2-3	
2	Lab 2	1,2	1-18	1,2	Models, discussions, Power point material, Videos	2-3	
3	Lab 3	1,2	1-18	1,2	Models, discussions, Power point material, Videos	2-3	
4	Lab 4	1,2	1-18	1,2	Models, discussions, Power point material, Videos	2-3	
5	Lab 5	1,2	1-18	1,2	Models, discussions, Power point material, Videos	2-3	



المحاضرة Lecture	مواضيع المساق / الفعاليات Course Topics/Events	القراءات (المراجع) Readings (Reference) رقم	مخرجات المساق CILO	مخرجات البرنامج PILO	أنشطة التدريس والتعلم Teaching & Learning Activity	العلامة Mark	الوقت / الموعد Duration/ Deadlines
6	Lab 6	1,2	1-18	1,2	Discussions, Power point material, Videos	2-3	
7	Lab 7	1,2	1-18	1,2	Discussions, Power point material, Videos	2-3	
8	Lab 8	1,2	1-18	1,2	Discussions, Power point material, Videos	2-3	
9	Lab 9	1,2	1-18	1,2	Discussions, Power point material, Videos	2-3	
10	Lab 10	1,2	1-18	1,2	Discussions, Power point material, Videos	2-3	
11	Lab 10	1,2	1-18	1,2	Discussions, Power point material, Videos	2-3	

الأسبوع	من الممكن استخدام رقم الأسبوع أكثر من مرة	May use the Week number more than once	Week
مواضيع المساق / الفعاليات	المحتوى التعليمي المعطى في المحاضرة على شكل مواضيع	The topic that is the focus of this part of the class in subjects' format	Course Topics/Events
مخرجات التعلم للمحاضرة	الهدف التعليمي لهذا الموضوع المحدد؛ ما الذي تريد أن يحققه الطلاب.	The learning objective of this specific topic; what you want the students to achieve.	CILO
أنشطة التدريس والتعلم	وسائل التعليم المستخدمة، مادة عرض مصورة، مقاطع مصورة، مجسمات السبورة البيضاء، جهاز عرض علوي، نشرة، جهاز عرض كمبيوتر، مهمة كتابية، لوح ورقي، أشياء مستخدمة لتوضيح شيء ما وما إلى ذلك.	Power point material, Videos, White board, overhead projector, handout, pc projector, written assignment, flip chart, objects used to illustrate something etc.	Teaching & Learning Activity
الوقت	مدة هذا الجزء النشاط من المحاضرة.	Duration of this part of the class.	Time
العلامة	علامة كل مخرج وهي جزء من العلامة الكلية (100)	Mark weight for each topic as a part of total (100)	Mark



ASSESSMENT TOOLS		أساليب التقييم		
Write assessment tools that will be used to test students' ability to understand the course material and gain the skills and competencies stated in learning outcomes		أكتب أساليب التقييم التي سيتم استخدامها لتقييم قدرة الطلبة على استيعاب مواد المساق واكتساب المهارات والكفايات المنصوص عليها في مخرجات التعلم		
وسيلة التقييم ASSESSMENT TOOLS	النوع (تكويني أو تجميعي) Type (Informative and Summative)	رمز مخرجات المساق المستهدفة CILO	العلامة Grade	النسبة % Percentage
<input type="checkbox"/> المشاركة (Participation)				
<input type="checkbox"/> تقرير (Report)				
<input type="checkbox"/> المقالات المختصرة (Essays)				
<input type="checkbox"/> واجبات (assignments)				
<input type="checkbox"/> الاختبارات الشفوية (Oral exams)				
<input type="checkbox"/> دراسة الحالة (Case study exams)				
<input type="checkbox"/> امتحانات قصيرة (Quizzes)				
<input type="checkbox"/> التجارب العملية (Experiments)				
<input type="checkbox"/> مشاريع (Project)				
<input type="checkbox"/> زيارات ميدانية (Field Trip)				
(Practical sessions/exam, participation)	Informative		25	25%
<input type="checkbox"/> امتحان منتصف الفصل (Mid Exam)	Summative		40	40%
<input type="checkbox"/> الامتحان النهائي (Final Exam)	Summative		35	35%
المجموع (TOTAL MARKS)	100			

Informative	A set of formal and informal assessment procedures that teachers conduct during the learning process in order to modify teaching and learning activities to improve student achievement.	مجموعة من إجراءات التقييم الرسمية وغير الرسمية التي يجريها المعلمون أثناء عملية التعلم من أجل تعديل أنشطة التعليم والتعلم لتحسين تحصيل الطلاب.	التكويني
Summative	A set of formal assessment procedures that teachers conduct after the learning process in order to measure student achievement.	مجموعة من إجراءات التقييم الرسمية التي يجريها المعلمون بعد عملية التعلم من أجل قياس تحصيل الطلاب.	التجميعي
Assessment Tools	Technique or method of evaluating information to determine how much a Student knows and whether this knowledge aligns with the intended learning outcomes of a theory or framework.	تقنية أو طريقة لتقييم المعلومات لتحديد مدى معرفة الطالب وما إذا كانت هذه المعرفة تتوافق مع نتائج التعلم لنظرية أو إطار عمل.	وسيلة التقييم



### THIRD: COURSE POLICIES AND INSTRUCTIONS

### ثالثاً: التعليمات والإرشادات

#### Attendance rules

#### الحضور والمواظبة

Attendance and participation are critical, and the regular university norms will apply. A student is not permitted to be absent for more than 15% of the total number of credit hours given to any course. Each class's attendance will be tracked. A 10% absence will result in a first written notice. If a student misses 15% of the class, the course is dropped, and the student is not entitled to sit for the final exam. If a student has any special circumstances (medical or personal), he or she is advised to discuss this with the instructor, and documented evidence will be requested to remove any absences from his or her attendance records.

يعتبر حضور الطلبة للمحاضرات ومشاركتهم بها في غاية الأهمية، وسيتم تطبيق القواعد المعمول بها في الجامعة بهذا الخصوص. يتم تسجيل حضور الطلبة في كل محاضرة. وصول نسبة غياب الطالب إلى 10% ستسبب في تلقيه إنذاراً أولياً خطياً. في حال وصول نسبة الغيابات إلى 15%، يتم حرمان الطالب من المساق ولن يسمح للطلاب بالتقدم للامتحان النهائي في المساق. في حال تعرض الطالب إلى أي ظروف قاهرة (مرض أو ظروف شخصية)، يجدر بالطالب التواصل مع المدرس ومناقشة هذا الظرف وإظهار دليل خطي يبرر الظرف ليتم إلغاء الغياب من سجل الغياب.

### GRADING SYSTEM

#### نظام التقديرات

التقدير Grade	النقاط Points	المدى Range
A	أ	
A-	أ-	
B+	ب+	
B	ب	
B-	ب-	
C+	ج+	
C	ج	
C-	ج-	
D+	د+	
D	د	
D-	د-	
F	هـ	



## Policies and instructions

## السياسات والإرشادات

- Students must read and follow the internal bylaws of BAU in relation to student conduct bylaws.
- Students with special needs are highly recommended to register their cases with a valid doctor's report in the student affairs department.
- Students with special needs shall be subject to special care in coordination with the head of department as per internationally recognized and benchmarked considerations and services.
- The student must seek permission before making any interventions on the subject of the lecture.
- The student must listen to and respect the opinions of others.
- The student should not obstruct the course of the lecture.
- Students should not hesitate to ask questions to the instructor.
- Students should not use their mobile phones during the lecture.
- Students are strongly encouraged to contact their instructor if they have course-related questions during office hours.
- Students are recommended to contact their instructor using the LMS.
- Cheating and Plagiarism are prohibited.

- يجب على الطالب أن يقوم بقراءة واتباع اللوائح الداخلية الخاصة بجامعة البلقاء التطبيقية المتعلقة بلوائح سلوك الطلبة.
- ينصح الطلبة من ذوي الاحتياجات الخاصة أن يقوموا بتسجيل حالاتهم لدى شؤون الطلبة من خلال تقرير طبي حسب الأصول وساري المفعول.
- يخضع الطلبة من ذوي الاحتياجات الخاصة إلى رعاية خاصة وذلك بالتنسيق مع رئيس القسم وفقاً للمعايير الخاصة بذلك والمعتبر بها دولياً.
- على الطالب الاستئذان قبل القيام بأي مداخلات على موضوع المحاضرة.
- على الطالب الاستماع واحترام الرأي الآخر.
- على الطالب عدم إعاقة سير المحاضرة.
- على الطلاب عدم التردد في طرح الأسئلة على مدرس المادة والتواصل مع المدرس خلال الساعات المكتبية أو من خلال نظام التعليم الإلكتروني.
- على الطلاب عدم استخدام الهاتف النقال أثناء المحاضرة.
- على الطلاب عدم التردد في التواصل مع المدرس خلال الساعات المكتبية أو من خلال نظام التعليم الإلكتروني.
- غير مسموح الغش والانتحال على الإطلاق.

## COURSE COORDINATOR

## منسق المساق

منسق المساق Course Coordinator:	د. شفاء القعقاع Dr. Shifaa' Al Qa'qa'	رئيس القسم Department Head:	د. حاتم جابر Dr. Hatim Jaber
رقم قرار القسم Department Decision		تاريخ القرار: Date of Decision:	
التوقيع Signature:		التوقيع Signature:	
التاريخ Date: April 8, 2023		التاريخ Date::	

