



Course Specification of General Veterinary Pathology

I. Course Identification and General Information:						
	Course Title:	General Veterinary Pathology				
2	Course Number & Code:	PA371				
3	Credit hours:	C.H				Total
		Theoretical	Practical	Training	Seminar	
		3	1	0	0	4
4	Study level/ semester at which this course is offered:	First Semester- Third Year				
5	Pre –requisite (if any):	MI352, MI353, MI355, MI357				
6	Co –requisite (if any):					
7	Program (s) in which the course is offered:	Veterinary Medicine				
8	Language of teaching the course:	English				
9	Location of teaching the course:	Faculty of Veterinary Medicine Building				
10	Prepared by:	Dr. Hussein Abdulhadi Nasser Al-Wadei				
11	Date of approval:					

II. Course description:

The Veterinary Pathology course begins with an introduction to the subject with their basics involved and the causes of diseases. Then the course deals with how these causes induce various forms of injuries to the structural and functional unit of the organism, the cell, even leading to the death of the cell(s) or the organism. During the course, you will be taught how the animal responds to such injuries (inflammation, chemical mediators, systemic effects, clinical manifestations) and recovers from the same (Healing, growth factors, cell cycle) and different hemodynamic changes occurring during disease processes. Also, the fundamentals of disease processes have to be understood before proceeding to the proper subject of systemic and specific pathology.

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III. Intended learning outcomes (ILOs) of the course:

(A) Knowledge and Understanding:

Alignment of Course Intended Learning Outcomes (CILOs) to Program Intended Learning Outcomes (PILOs) in: **Knowledge and Understanding.**

Program Intended Learning Outcomes (Sub-PILOs) in: Knowledge and Understanding		Course Intended Learning Outcomes (CILOs) in: Knowledge and Understanding	
After completing this program, students will be able to:		After completing this course, students will be able to:	
A1-	Demonstrate a sound knowledge and understanding of concepts and principles of general culture, basic science, and that support veterinary medicine.	a1-	Explain the occurrence, development and progression of [BASIC/COMMON] pathological changes in body systems and individual organs, and to relate their morphology at gross (macroscopic) and microscopic levels to clinically recognizable functional defects and disease states.
A2-	Clarifies basic concepts, principles, and theories related to animal production, animal health and nutrition, behavior management, breeding and care that is related to animal ethical codes.	a2-	Interpret macroscopic lesions in such a way as to make a meaningful diagnostic assessment in relation to clinical observations.

Teaching And Assessment Methods For Achieving Learning Outcomes:

Alignment of Learning Outcomes of Knowledge and Understanding to Teaching and Assessment Methods:

Course Intended Learning Outcomes (CILOs) in Knowledge and Understanding		Teaching strategies/methods to be used	Methods of assessment
completing this course, students will be able to:			
a1-	Explain the occurrence, development and progression of [BASIC/COMMON] pathological changes in body systems and individual organs, and to relate their morphology at gross (macroscopic) and	<ul style="list-style-type: none"> Lectures Dialogue and discussion Practical application (Labs) Scientific trips 	-The written test (Monthly, Midterm, Final) -Short tests (Quizzes)

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	microscopic levels to clinically recognizable functional defects and disease states.	<ul style="list-style-type: none"> Field and clinical training Simulation and demos Brainstorming Self education 	-Oral tests
a2-	Interpret macroscopic lesions in such a way as to make a meaningful diagnostic assessment in relation to clinical observations.		-Practical tests (Lab Test)
			-Evaluation of reports
			-Assignments (Homeworks)
			-Projects
			-Presentations

(B) Intellectual Skills:

Alignment of Course Intended Learning Outcomes (CILOs) to Program Intended Learning Outcomes (PILOs) in: Intellectual skills			
Program Intended Learning Outcomes (Sub-PILOs) in Intellectual skills		Course Intended Learning Outcomes (CILOs) of Intellectual Skills	
After completing this program, students will be able to:		After completing this course, students will be able to:	
B2-	Predicts an appropriate medical diagnosis for the most common disease states through analysis of clinical story data and the results of medical examinations of a sick animal.	b1-	Recognize terms used for describing pathological changes during disease processes
B4-	Determines the appropriate and effective treatment; evaluates all medications used for each condition.	b2-	Compare interactions between disease process and defense- and regulatory mechanism of animals

Teaching And Assessment Methods For Achieving Learning Outcomes:

Alignment of Learning Outcomes of Intellectual Skills to Teaching Methods and Assessment Methods:			
Course Intended Learning Outcomes (CILOs) in Intellectual Skills.		Teaching strategies/methods to be used	Methods of assessment
After completing this course, students will be able to:		<ul style="list-style-type: none"> Dialogue and discussion Lectures 	<ul style="list-style-type: none"> The written test Oral tests Practical tests
b1-	Recognize terms used for describing pathological changes during disease		

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	processes		
b2-	Compare interactions between disease process and defense- and regulatory mechanism of animals	<ul style="list-style-type: none"> • Practical application (Labs) • Problem Solving • Cooperative learning and working groups • Scientific trips • Field and clinical training • Simulation and demos • Research costs and projects 	<ul style="list-style-type: none"> ▪ Note the performance ▪ Achievement file (Accomplishments) ▪ Evaluation of reports ▪ Evaluating student presentations

(C) Professional and Practical Skills:

Alignment of Course Intended Learning Outcomes (CILOs) to Program Intended Learning Outcomes (PILOs) in: **Professional and Practical Skills**

Program Intended Learning Outcomes (Sub-PILOs) in Professional and Practical Skills		Course Intended Learning Outcomes (CILOs) in Professional and Practical Skills	
After completing this program, students will be able to:		After completing this course, students will be able to:	
C1-	Accurately records a comprehensive pathological story of a sick animal including information on healthy behavior and the necessary checks.	c1-	Connect the results of clinical and laboratory evaluation of diseased animals to the underlining pathological mechanisms
C3-	Reads the results of laboratory investigations and diagnostic scans and writes reports and prescriptions for all common cases in a proper way.	c2-	Elaborate on how the dissolution of tissues and cells occur and on the difference between necrosis and apoptosis.

Teaching And Assessment Methods For Achieving Learning Outcomes:

Alignment of Learning Outcomes of Professional and Practical Skills to Teaching and Assessment Methods:

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Course Intended Learning Outcomes (CILOs) in Professional and Practical Skills		Teaching strategies/methods to be used	Methods of assessment
After completing this course, students will be able to:		-Practical application (Labs) -Problem Solving -Cooperative learning and working groups -Scientific trips -Case Study -Field and clinical training -Simulation and practical presentations -Research costs and projects	-Practical tests -Note the performance The written test -Oral tests -Achievement file -Evaluation of reports -Evaluating student presentations
c1-	Connect the results of clinical and laboratory evaluation of diseased animals to the underlining pathological mechanisms		
c2-	Elaborate on how the dissolution of tissues and cells occur and on the difference between necrosis and apoptosis.		

(D) General / Transferable Skills:

Alignment of Course Intended Learning Outcomes (CILOs) to Program Intended Learning Outcomes (PILOs) in: **General and Transferable skills**

Program Intended Learning Outcomes (PILOs) in General / Transferable skills		Course Intended Learning Outcomes (CILOs) in General / Transferable skills	
After completing this program, students will be able to:		After completing this course, students will be able to:	
D1-	Communicates effectively with other fellow professions and animal owners and expresses his ideas clearly and objectively.	d1-	Elaborate on the differences between the regular cell multiplication and the pathological enlargement and multiplication.
D2-	Develops his scientific, professional, research capabilities on his own, and follows what is emerging in his field of specialization, including computer applications and information and communication technology.	d2	Familiar with the tissue samples being sent to veterinary pathology laboratories, and is knowledgeable on how to take samples for various laboratories during necropsy.

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Teaching And Assessment Methods For Achieving Learning Outcomes:

Alignment of Learning Outcomes of General and Transferable skills to Teaching and Assessment Methods:

Course Intended Learning Outcomes (CILOs) in General and Transferable Skills		Teaching strategies/methods to be used	Methods of assessment
After completing this course, students will be able to:			
d1-	Elaborate on the differences between the regular cell multiplication and the pathological enlargement and multiplication.	-Dialogue and discussion -Cooperative learning and working groups -Scientific trips -Research costs and projects -Self-education -Demo and practical presentations -Problem Solving	-Achievement file -Evaluation of reports -Evaluating student presentations. -Note the performance. -Practical tests. (Lab Test)
d2-	Familiar with the tissue samples being sent to veterinary pathology laboratories and is knowledgeable on how to take samples for various laboratories during necropsy.		

IV. Course Content:

1 – Course Topics/Items:

a – Theoretical Aspect

Order	Topic List / Units	CILOs (symbols)	Sub-topic List	Number of weeks	Contact hours
1	a. Reading Syllabus and knowing each other b. introduction and Scope of Veterinary Medicine c.. Brief outline of major intrinsic and extrinsic causes of disease.	a1, b1, b2		1	3
2	a. Pathology of hyperameia, congestion & haemorrhage b.Pathology of edema, thrombosis embolism, infarction & shock	a1, b1, c2		1	3

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3	a. Acute cellular swelling and its variants b. Glycogen overload and fatty change	a1, b1, c2, d1		1	3
4	a. Heat shock proteins and lysosomal storage diseases b. causes and mechanism of reversible and irreversible cell injury	a1, a2, b1, b2, c2		1	3
5	a. Necrosis and its types b. Apoptosis differences between post-mortem, autolysis and necrosis	a1, a2, b1, d1		1	3
6	a. Gangrene b. Major exogenous & endogenous pigments	a1, b1, c2		1	3
7	a. Metastatic & dystrophic calcification b. Jaundice in animals	b1, b2, c2, d1		1	3
8	a. Inflammation definitions, classification, various cell types and their functions, mediators, cardinal signs & systemic effects	b1, c1, c2		2	6
	a. Photosensitization dermatitis b. Aplasia, hyperplasia, atrophy, hypertrophy, hyperplasia, metaplasia, & dysplasia	a2, c2, d1			
9	a. Cell cycles & cyclins b. Soluble and Insoluble mediators (including growth factors)	a1, b1, c2		1	3
10	a. Wound healing by primary and secondary intention	a1, b1, b2, d2		1	3

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	b.Pathology of autoimmune diseases and amyloids				
11	a. Definitions, general characteristics and classification of neoplasms b.Differences between benign and malignant tumors	a1, b1, c2, d1, d2		1	3
12	a. Etiology& Spread of neoplasms b.Immunity and Neoplasia	a1, a2, b1, b2, c2		1	3
13	a. Effects and diagnosis of neoplasia b.Stages and grades of neoplasms c. Disorders of growth	b1, b2, c2 a1, b1, c2, d2		1	3
Number of Weeks /and Units Per Semester				14	42

b- Training Aspect:

Order	Training Tasks	CILOs (symbols)	Number of weeks	Contact hours
1	Study of gross pathological specimens and recognition of pathological lesions	a1, a2, c1, d2	1	2
2	Post-mortem techniques collection of morbid materials for pathological diagnosis	a1, a2, c1, d2	1	2
3	Techniques for preservation and dispatch of materials	a1, a2, c1, d2	1	2
4	Section cutting, staining and identification of microscopic lesions	a1, a2, c1, d2	1	2
5	Examination slides depicting changes in cells and tissues	a1, a2, c1, d2	1	2
6	Study of histopathological slides showing haemorrhage	a1, a2, c1, d2	1	2
7	Study of histopathological slides showing congestion Study of histopathological slides showing infraction	a1, a2, c1, d2	1	2

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8	Midterm Exam		1	2
9	Study of histopathological slides showing hyperplasia	a1, a2, c1, d2	1	2
10	Study of histopathological slides showing metaplasia	a1, a2, c1, d2	1	2
11	Study of histopathological slides showing hypertrophy	a1, a2, c1, d2	1	2
12	Study of histopathological slides showing necrosis Study of histopathological slides showing amylo & degeneration	a1, a2, c1, d2	1	2
13	Study of histopathological slides showing cloudy swelling Study of histopathological slides showing fatty changes & calcification & infiltration	a1, a2, c1, d2	1	2
14	Examination and interpretation of oncological tissue slides	a1, a2, c1, d2	1	2
Number of Weeks /and Units Per Semester			14	28

V. Teaching strategies of the course:

- In class lectures using PowerPoint presentation
- In class/lab quiz
- Written exams will take place during the semester
- Practical session on histopathological slides and or tissue
- Student will be encouraged to work together in groups
- Oral Exam

3-Assessment Methods:

- 1.Quizzes should take place for lectures/labs at least once a week with a total of 20 quizzes through the semester (100 points)
- 2.Three written exams through the semester (100 points each)
3. Practical exam on histopathological slides or tissue specimens (100 points)

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Grading Scale:

Grades are awarded on a scale from A to F, where A is the best grade(90-100) and F is a fail (<50).

VI. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes (CILOs symbols)
1	Participation, quizzes and assignments	2-14	10	10%	a-d
2	Mid-semester exam	8	10	10%	a-d
3	Mid-Term Practical Exam	8	10	10%	a-d
4	Final Practical Exam	16	10	10%	a-d
5	Final Oral Exam	16	5	5%	a-d
6	Final Written Exam	16	55	55%	a-d
Total			100	100%	

VII. Students' Support:

Office Hours/week	Other Procedures (if any)
Saturday-Wednesday from 8:00 a.m.-10:00 a.m. Saturday-Wednesday from 1:00 p.m.-2:00 p.m.	Student can contact me via email

VIII. Learning Resource (MLA style or APA style)S:

1- Required Textbook(s) (maximum two)

1. Pathologic Basis of Veterinary Disease, 4th Edition. MD McGavin & JF Zachary, 2006.

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	<p>2. Veterinary Pathology, 5th Ed. Thomas Carlyle Jones, Ronald Duncan Hunt, 1983.</p> <p>3. Disease Mechanisms/ Pathogenesis: Mechanisms of Diseases A textbook of Comparative General Pathology, 3rd Ed. DO Slauson & BJ Cooper, 2001.</p> <p>4. Jubb, Kennedy and Palmerzs Pathology of Domestic Animals, 5th Ed. Volumes 1-3. MG Maxie (2007).</p> <p>5. A Colour Atlas of Veterinary Pathology, edited by J.M.V.M. Mouwen and E.C.B.M.de Groot.</p> <p>6. Colour Atlas of Veterinary Histology, 2nd Ed. WJ Bacha & LM Bacha, 2000.</p> <p>7. Atlas of Human Histology, 4th Ed. Mariano S. H. DI Fiore.</p>
2- Recommended Readings and Reference Materials	
	1-
3- Essential References	
4- Electronic Materials and Web Sites etc.	
	Students are free to search online for any available course materials related to the course subjects and taught lectures in the class.
5- Other Learning Material:	
	-

X. Course Policies:	
1	Class Attendance: MANDATORY TO ATTEND ALL COURSE LECTURES AND LABS
2	Tardiness: Not allowed at all. Students must be in class or in the practical session 10 minutes prior to the beginning of lectures or practical session.
3	Exam Attendance/Punctuality: Attendance is mandatory; absence is accepted with valid excuse. Students must be on time; tardiness is not permissible.

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4	Assignments & Projects: All assignments and projects are to be submitted on their due date. Any assignment turned in after the due date will not be accepted without valid and reasonable excuse.
5	Cheating: Not tolerated and may lead to EXPELLING the student from the program
6	Plagiarism: Not tolerated AT ALL and may lead to EXPELLING the student from the program
7	Other policies: <ol style="list-style-type: none">1. All devices must be on silent or at least on vibration during lectures/labs.2. Before any exam (written, practical, oral) we must check student's identity (student's card, ID, passport). Without any of these documents, the student will not be allowed in the exam room.3. Any of type/ form of cheating is not allowed no matter what.4. Maintain silence during lectures/exams and disturbance is not allowed. Fr any questions students should raise their hand and wait for permission to talk.

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Course Plan of General Veterinary Pathology

X. - Information about Faculty Member Responsible for the Course:						
Name of Faculty Member	Dr. Hussein Abdulhadi Al-Wadei	Office Hours				
Location & Telephone No.	Faculty of Veterinary Medicine Building	SAT	SUN	MON	TUE	WED
E-mail	haalwadei@gmail.com	8am 10am	8am 10am	8am 10am	8am 10am	8am 10am

XI. Course Identification and General Information:						
1-	Course Title:	General Veterinary Medicine				
2-	Course Number & Code:	PA371				
3-	Credit hours:	C.H				Total
		Th.	Seminar	Pr.	F. Tr.	
		3	-	1		4
4-	Study level/year at which this course is offered:	First Semester of the Third Year				
5-	Pre –requisite (if any):	MI352, MI353, MI355, MI357				
6-	Co –requisite (if any):					
7-	Program (s) in which the course is offered	Veterinary Medicine				
8-	Language of teaching the course:	English				
9-	System of Study:	Two Semester per year				
10-	Mode of delivery:	Lectures and Practical				
11-	Location of teaching the course:	Faculty of Veterinary Medicine Building				

II. Course Description:
The Veterinary Pathology course begins with an introduction to the subject with their basics involved and the causes of diseases. Then the course deals with how these causes induce various forms of injuries to the structural and functional unit of the organism, the cell, even leading to the death of the cell(s) or the

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organism. During the course, you will be taught how the animal responds to such injuries (inflammation, chemical mediators, systemic effects, clinical manifestations) and recovers from the same (Healing, growth factors, cell cycle) and different hemodynamic changes occurring during disease processes. Also, the fundamentals of disease processes have to be understood before proceeding to the proper subject of systemic and specific pathology.

II. Intended learning outcomes (ILOs) of the course:

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After completing this course, students will be able to:

- a1- Explain the occurrence, development and progression of [BASIC/COMMON] pathological changes in body systems and individual organs, and to relate their morphology at gross (macroscopic) and microscopic levels to clinically recognizable functional defects and disease states.
- a2- Interpret macroscopic lesions in such a way as to make a meaningful diagnostic assessment in relation to clinical observations.
- b1- Recognize terms used for describing pathological changes during disease processes
- b2- Compare interactions between disease process and defense- and regulatory mechanism of animals
- c1- Connect the results of clinical and laboratory evaluation of diseased animals to the underlying pathological mechanisms
- c2- Elaborate on how the dissolution of tissues and cells occur and on the difference between necrosis and apoptosis.
- d1- Elaborate on the differences between the regular cell multiplication and the pathological enlargement and multiplication.
- d2- Familiar with the tissue samples being sent to veterinary pathology laboratories and is knowledgeable on how to take samples for various laboratories during necropsy.

V. Course Content:

A – Theoretical Aspect:

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Order	Topics List	Week Due	Contact Hours
1	a. Reading Syllabus and knowing each other b. Introduction and Scope of Veterinary Medicine c. Brief outline of major intrinsic and extrinsic causes of disease.	1	3
2	a. Pathology of hyperameia, congestion & haemorrhage b. Pathology of edema, thrombosis embolism, infarction & shock	2	3
3	a. Acute cellular swelling and its variants b. Glycogen overload and fatty change	3	3
4	a. Heat shock proteins and lysosomal storage diseases b. causes and mechanism of reversible and irreversible cell injury	4	3
5	a. Necrosis and its types b. Apoptosis differences between post-mortem, autolysis and necrosis	5	3
6	a. Gangrene b. Major exogenous & endogenous pigments	6	3
7	a. Metastatic & dystrophic calcification b. Jaundice in animals a. Photosensitization dermatitis b. Aplasia, hyperplasia, atrophy, hypertrophy, hyperplasia, metaplasia, & dysplasia	7	3
8	Midterm Exam	8	3
9	a. Inflammation definitions, classification, various cell types and their functions, mediators, cardinal signs & systemic effects	9	3
10	a. Cell cycles & cyclins b. Soluble and Insoluble mediators (including growth factors)	10	3
11	a. Wound healing by primary and secondary intention b. Pathology of autoimmune diseases and amyloides	11	3
12	a. Definitions, general characteristics and classification of neoplasms b. Differences between benign and malignant tumors	12	3

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13	a. Etiology & Spread of neoplasms b. Immunity and Neoplasia	13	3
14	a. Effects and diagnosis of neoplasia b. Stages and grades of neoplasms	14	3
15	a. Disorders of growth	15	3
16	Final Exam	16	3
Number of Weeks /and Units Per Semester		16	48

b- Training Aspect:			
Order	Training Tasks	Week Due	Contact hours
1	Study of gross pathological specimens and recognition of pathological lesions	1	2
2	Post-mortem techniques collection of morbid materials for pathological diagnosis	2	2
3	Techniques for preservation and dispatch of materials	3	2
4	Section cutting, staining and identification of microscopic lesions	4	2
5	Examination slides depicting changes in cells and tissues	5	2
6	Study of histopathological slides showing haemorrhage	6	2
7	Study of histopathological slides showing congestion Study of histopathological slides showing infraction	7	2
8	Midterm Exam	8	2
9	Study of histopathological slides showing hyperplasia	9	2
10	Study of histopathological slides showing metaplasia	10	2
11	Study of histopathological slides showing hypertrophy	11	2
12	Study of histopathological slides showing necrosis	12	2
13	Study of histopathological slides showing cloudy swelling	13	2

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14	Study of histopathological slides showing amylo & degeneration	14	2
15	Study of histopathological slides showing fatty changes & calcification & infiltration Examination and interpretation of oncological tissue slides	15	2
16	Final Exam	16	2
Number of Weeks /and Units Per Semester		16	32

V. Teaching strategies of the course:

- In class lectures using PowerPoint presentation
- In class/lab quiz
- Written exams will take place during the semester
- Practical session on histopathological slides and or tissue
- Student will be encouraged to work together in groups
- Oral Exam

VI. Assessment Methods:

1. Quizzes should take place for lectures/labs at least once a week with a total of 20 quizzes through the semester (100 points)
2. Three written exams through the semester (100 points each)
3. Practical exam on histopathological slides or tissue specimens (100 points)

Grading scale

Grades are awarded on a scale from A to F, where A is the best grade(90-100) and F is a fail (<50).

N.B.:

1. Any student who pass the 25% of the class attendance will not be allowed for the final exam.
2. Students are advised to study hard in the class during the semester.
3. Retaking an exam is not allowed without valid excuse.

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Academic Development
Center & Quality
Assurance
Ass. Prof. Dr. Huda Al-
Emad

Rector of Sana'a University
Prof. Dr. Al-Qassim Mohammed Abbas



No.	Type of Assessment Tasks	Week Due	Mark	Proportion of Final Assessment
1	Participation, quizzes and assignments	2-14	10	10%
2	Mid-semester exam	8	10	10%
3	Mid-Term Practical Exam	8	10	10%
4	Final Practical Exam	16	10	10%
5	Final Oral Exam	16	5	5%
6	Final Written Exam	16	55	55%
Total			100	100%

II. Learning Resources:

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1- Required Textbook(s) (maximum two).

4. Pathologic Basis of Veterinary Disease, 4th Edition. MD McGavin & JF Zachary, 2006.
5. Veterinary Pathology, 5th Ed. Thomas Carlyle Jones, Ronald Duncan Hunt, 1983.
6. Disease Mechanisms/ Pathogenesis: Mechanisms of Diseases A textbook of Comparative General Pathology, 3rd Ed. DO Slauson & BJ Cooper, 2001.
4. Jubb, Kennedy and Palmerzs Pathology of Domestic Animals, 5th Ed. Volumes 1-3. MG Maxie (E 2007).
5. A Colour Atlas of Veterinary Pathology, edited by J.M.V.M. Mouwen and E.C.B.M.de Groot.
6. Colour Atlas of Veterinary Histology, 2nd Ed. WJ Bacha & LM Bacha, 2000.
7. Atlas of Human Histology, 4th Ed. Mariano S. H. DI Fiore.

2- Essential References.

3- Electronic Materials and Web Sites etc.

Students are free to search online for any available course materials related to the course subjects and taught lectures in the class.

Prepared by
Dr. Hussein Al-Wadei

Quality Assurance Unit
Dr. Abdulraqeb Alshami

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7.Course Policies:	
1	<p>Class Attendance:</p> <p>MANDATORY TO ATTEND ALL COURSE LECTURES AND LABS</p>
2	<p>Tardy:</p> <p>Not allowed at all. Students must be in class or in the practical session 10 minutes prior to the beginning of lectures or practical session.</p>
3	<p>Exam Attendance/Punctuality:</p> <p>Attendance is mandatory; absence is accepted with valid excuse. Students must be on time; tardiness is not permissible.</p>
4	<p>Assignments & Projects:</p> <p>All assignments and projects are to be submitted on their due date. Any assignment turned in after the due date will not be accepted without valid and reasonable excuse.</p>
5	<p>Cheating:</p> <p>Not tolerated and may lead to EXPELLING the student from the program</p>
6	<p>Plagiarism:</p> <p>Not tolerated AT ALL and may lead to EXPELLING the student from the program</p>
7	<p>Other policies:</p> <ol style="list-style-type: none"> 1. All devices must be on silent or at least on vibration during lectures/labs. 2. Before any exam (written, practical, oral) student's identity will be checked (student's card, ID, passport) or at least student must be recognized by the course professor. That student is one of the class former students. Without any of these documents, the student will not be allowed in the exam room. 3. Any of type/ form of cheating is not allowed no matter what. 4. Maintain silence during lectures and disturbance is not allowed. Fr any questions students should raise their hand and wait for permission to talk.

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REPUBLIC OF YEMEN
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Veterinary Medicine Program



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