



## Course Specification of Field Practice (2)

I. Course Identification and General Information:					
1	<b>Course Title:</b>	Field Practice (2)			
2	<b>Course Number &amp; Code:</b>	TR593			
3	<b>Credit hours:</b>	C.H			
		Theoretical	Practical	Training	Seminar
		-	3	-	-
3		Total			3
4	<b>Study level/ semester at which this course is offered:</b>	Fifth Year - Second Semester			
5	<b>Pre –requisite (if any):</b>	All courses in 4 <sup>th</sup> year & TR592			
6	<b>Co –requisite (if any):</b>	None			
7	<b>Program (s) in which the course is offered:</b>	Bachelor of Veterinary Medicine			
8	<b>Language of teaching the course:</b>	English Language			
9	<b>Location of teaching the course:</b>	Veterinary Teaching clinic and Field Visits			
10	<b>Prepared by:</b>	Dr. Abdulraqeb Ali Alshami Dr. Saleh Ahmed Alomaisi Dr. Aref saleh Abdulmghni			
11	<b>Date of approval:</b>				

### II. Course description:

Through this course, the student will rotate in the veterinary clinic, cows farms, poultry, sheep and goats. It performs diagnostics, collecting samples, treating different animals and birds, performing surgeries and obstetrics, and the student has the opportunity to refine and master clinical and surgical skills. Students will learn concepts related to deal with different animal species under field conditions dealing with animal owner, understanding the field languages, diagnosis, differential diagnosis, and prognosis and outline the principles of special methods for animal examination and diagnosis sequence with special attention for diagnosis of internal animal diseases, taking case history, examination of

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the animal and treatment of clinically diseased cases.

Also the students will learn to deal with avian under field conditions dealing with the owner, understanding the field languages, diagnosis, differential diagnosis, and prognosis and outline the principles of treatment of poultry diseases.

### 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:	
<b>A3-</b>	Identifies various causes of animal diseases, animal epidemics and how they can be diagnosed; including common and life-threatening diseases of animals, poultry and fish.	<b>a1-</b>	Discusses scientifically different affections of diseases causes in different farm animals, poultry, and the lines of veterinary prescription.
<b>A4-</b>	Describes the foundations and procedural steps for treating all diseases that affect different animals, highlighting the medical conditions that need surgical interventions.	<b>a2-</b>	Devise appropriate animal treatment strategies for sick and injured animals, incorporating consideration of environmental, nutritional and behavioral needs.

#### 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
After completing this course, students will be able to:		-Practical training (Clinical demonstrations, practice of skills, and discussions). (a) Field visits (farms and	-Written exam -Practical exam -Oral exam - Report assignments
<b>a1-</b>	Discusses scientifically different affections of diseases causes in different farm animals, poultry, and the lines of veterinary		

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	prescription.	villages)	- Discussion
a2-	Devise appropriate animal treatment strategies for sick and injured animals, incorporating consideration of environmental, nutritional and behavioral needs.	(b) General experimental animal teaching (c) Clinical and small group sessions (d) Outpatient clinic (e) Cases study	

**(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:	
<b>B2-</b>	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.	<b>b1-</b>	foretell the appropriate diagnosis and differentiate between different diseases and correlate between its etiology and select suitable treatment and preventive measures for animals and poultry.
<b>B4-</b>	Determines the appropriate and effective treatment; evaluates all medications used for each condition.	<b>b2-</b>	Differentiate various surgical problems in farm animals under field conditions.

**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:		-Practical training (Clinical demonstrations, practice of skills, and discussions). (a) Field visits (farms and villages)	-Written exam -Practical exam -Oral exam - Report assignments
<b>b1-</b>	foretell the appropriate diagnosis and differentiate between different diseases and correlate between its etiology and select suitable treatment and preventive measures		

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	for animals and poultry.	(b) General experimental animal teaching	- Discussion
b2-	Differentiate various surgical problems in farm animals under field conditions.	(c) Clinical and small group sessions (d) Outpatient clinic (e) Cases study	

**(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:	
C2-	Practices practical, diagnostic, clinical and research skills, including the collection of samples in various fields of veterinary medicine and related sciences, in a safe and effective manner, considering the ethics of the profession.	c1-	Perform pathological investigation to achieve a definitive diagnosis, treat and prevent of infectious and non-infectious diseases among farm animals and birds.
C3-	Reads the results of laboratory investigations and diagnostic scans and writes reports and prescriptions for all common cases in a proper way.	c2-	Use different diagnostic methods as clinical and modern devices to treat the infertility and surgical problems in both male and female animals.

**Teaching And Assessment Methods For Achieving Learning Outcomes:**

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

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:			
c1-	Perform pathological investigation to achieve a definitive diagnosis, treat and prevent of	-Practical training (Clinical demonstrations, practice of skills, and discussions).	-Written exam -Practical exam -Oral exam

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	infectious and non-infectious diseases among farm animals and birds.	(a) Field visits (farms and villages)	- Report assignments - Discussion
c2-	Use different diagnostic methods as clinical and modern devices to treat the infertility and surgical problems in both male and female animals.	(b) General experimental animal teaching (c) Clinical and small group sessions (d) Outpatient clinic - Cases study	

**(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-	Communicate with owners and add the language term and expression of veterinary field.
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-	Get the clinical and laboratory ethical performance in the veterinary field.

**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:		-Self-learning by preparing essay and presentations (computer and faculty library)	- Achievement file - Evaluating student presentations.
d1-	Communicate with owners and add the language term and expression of veterinary		

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	field.	- Cooperative learning and working groups - Scientific visits - discussions - Assignments	- Practical exam - Report assignments - Discussion - Note performance
d2-	Get the clinical and laboratory ethical performance in the veterinary field.		

**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	Non				
<b>Number of Weeks /and Units Per Semester</b>				<b>12</b>	<b>24</b>

**b- Training Aspect:**

Order	Training Tasks	CILOs (symbols)	Number of weeks	Contact hours	
1	<b>Examination of animals ,diagnosis of disease conditions referred to the Veterinary Teaching Clinic or through field visits. Rotation in surgery, obstetrics, poultry diseases, internal medicine and clinical pathology.</b>	Cattle farms	a1, a2, b1, b2, c1, c2, d1	2	6
		Sheep and goats farms	a1, a2, b1, b2, c1, c2, d1	2	6
		Horse farms	a1, a2, b1, b2, c1, c2, d1	1	3
		Poultry farms	a1, a2, b1, b2, c1, c2, d1	2	6
		Veterinary teaching clinic and hospital	a1, a2, b1, b2, c1, c2, d1	3	9
		Animal gathering places	a1, a2, b1, b2, c1, c2, d1	2	6

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		Animal slaughterhouses	a1, b2, c1,d1	1	3
		Poultry slaughterhouses	a1, c1,d1	1	3
<b>Number of Weeks /and Units Per Semester</b>				<b>14</b>	<b>42</b>

### V. Teaching strategies of the course:

Practical training (Clinical demonstrations, practice of skills, and discussions).

- (a) Field visits (farms and Veterinary teaching clinic and hospital and villages.....)
- (b) General experimental animal teaching
- (c) Clinical and small group sessions
- (d) Outpatient clinic
- (e) cases study

### 3-Assessment Methods:

- Written exam
- Practical exam
- Oral exam
- Report assignments
- Discussion

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).

### I. Schedule of Assessment Tasks for Students During the Semester:

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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, b, c, d
2	Mid-Term Exam	8	20	20%	a, b, c, d
3	Oral exam	16	10	10%	a, b, c, d
4	Final Exam	16	60	60%	a, b, c, d
<b>Total</b>			<b>100</b>	<b>100%</b>	

## II. Students' Support:

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

## III. Learning Resource (MLA style or APA style)S:

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

- Clinical Examination of Farm Animals BY Peter G.G. Jackson & Peter D Cockcrot (2002)
- Color atlas of diseases and disorders in cattle by. Blowey, Roger W and Weaver, A. David 2011 3rd Ed

### 2- Recommended Readings and Reference Materials

- Clinical Examination of Farm Animals BY Peter G.G. Jackson & Peter D Cockcrot (2002)
- Color atlas of diseases and disorders in cattle by. Blowey, Roger W and Weaver, A. David 2011 3rd Ed

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<b>3- Essential References</b>	
	<b>Epidemiology for field veterinarians An introduction by Sergaant E. and Perkins N. (2015)</b>
<b>4- Electronic Materials and Web Sites etc.</b>	
	<a href="https://www.vertasdvm.com">https://www.vertasdvm.com</a> <a href="http://vetmed.illinois.edu">http://vetmed.illinois.edu</a> <a href="http://www.atdove.org/all/veterinarian">http://www.atdove.org/all/veterinarian</a>
<b>5- Other Learning Material:</b>	

<b>X. Course Policies:</b>	
<b>1</b>	<b>Class Attendance:</b> <b>MANDATORY TO ATTEND ALL COURSE LECTURES</b>
<b>2</b>	<b>Tardiness:</b> 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
<b>3</b>	<b>Exam Attendance/Punctuality:</b> Attendance is mandatory; absence is accepted with valid excuse
<b>4</b>	<b>Assignments &amp; Projects:</b> 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
<b>5</b>	<b>Cheating:</b> Not tolerated and may lead to <b>EXPELLING</b> the student from the program
<b>6</b>	<b>Plagiarism:</b> Not tolerated <b>AT ALL</b> and may lead to <b>EXPELLING</b> the student from the program
<b>7</b>	<b>Other policies:</b> <ol style="list-style-type: none"> <li>1. All devices must be on silent or at least on vibration during lectures/labs</li> <li>2. Before any exam (written, oral) we must check student's identity (student's card, ID,</li> </ol>

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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/exam and disturbance is not allowed. For any questions students should raise their hand and wait for permission to talk.

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## Course Plan of Field Practice (2)

X. - Information about Faculty Member Responsible for the Course:								
Name of Faculty Member	Dr. Abdurraqeb Alshami Dr. Saleh Alomaisi Dr. Aref Abdulmghni		<b>Office Hours</b>					
	Location & Telephone No.	Sana'a Governorate 778466544						
E-mail	<a href="mailto:Alshami.vet@gmail.com">Alshami.vet@gmail.com</a> <a href="mailto:alomisy78@gmail.com">alomisy78@gmail.com</a> <a href="mailto:areef2000@yahoo.com">areef2000@yahoo.com</a>		SAT	SUN	MON	TUE	WED	THU
			8am 2pm	8am 2pm	8am 2pm	8am 2pm	8am 2pm	

XI. Course Identification and General Information:						
1-	Course Title:	Field Practice (2)				
2-	Course Number & Code:	TR593				
3-	Credit hours:	<b>C.H</b>				<b>Total</b>
		Th.	Seminar	Pr.	F. Tr.	
		-	-	3	3	
4-	Study level/year at which this course is offered:	Fifth Year - Second Semester				
5-	Pre –requisite (if any):	All courses in 4 <sup>th</sup> year & TR592				
6-	Co –requisite (if any):	None				
7-	Program (s) in which the course is offered	Bachelor of Veterinary Medicine				
8-	Language of teaching the course:	English Language				
9-	System of Study:	Regular / Semesters				
10-	Mode of delivery:	Practical				
11-	Location of teaching the course:	Veterinary Teaching Clinic and Field Visits				

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## II. Course Description:

Through this course, the student will rotate in the veterinary clinic, cows farms, poultry, sheep and goats. It performs diagnostics, collecting samples, treating different animals and birds, performing surgeries and obstetrics, and the student has the opportunity to refine and master clinical and surgical skills.

Students will learn concepts related to deal with different animal species under field conditions dealing with animal owner, understanding the field languages, diagnosis, differential diagnosis, and prognosis and outline the principles of special methods for animal examination and diagnosis sequence with special attention for diagnosis of internal animal diseases, taking case history, examination of the animal and treatment of clinically diseased cases.

Also the students will learn to deal with avian under field conditions dealing with the owner, understanding the field languages, diagnosis, differential diagnosis, and prognosis and outline the principles of treatment of poultry diseases.

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

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**After completing this course, students will be able to:**

- a1- Discusses scientifically different affections of diseases causes in different farm animals, poultry, and the lines of veterinary prescription.
- a2- Devise appropriate animal treatment strategies for sick and injured animals, incorporating consideration of environmental, nutritional and behavioral needs.
- b1- Foretell the appropriate diagnosis and differentiate between different diseases and correlate between its etiology and select suitable treatment and preventive measures for animals and poultry.
- b2- Differentiate various surgical problems in farm animals under field conditions.
- c1- Perform pathological investigation to achieve a definitive diagnosis, treat and prevent of infectious and non-infectious diseases among farm animals and birds.
- c2- Use different diagnostic methods as clinical and modern devices to treat the infertility and surgical problems in both male and female animals.
- d1- Communicate with owners and add the language term and expression of veterinary field.
- d2- Get the clinical and laboratory ethical performance in the veterinary field.

**V. Course Content:**

**A – Theoretical Aspect:**

Order	Topics List	Week Due	Contact Hours
1	Non		

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Number of Weeks /and Units Per Semester		
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**b- Training Aspect:**

Order	Training Tasks	Week Due	Contact hours	
1	Cattle farms	1,2	6	
	Sheep and goats farms	3,4	6	
	Horse farms	5	3	
	Poultry farms	6,7	6	
	Mid-Term Exam	8	3	
	Veterinary teaching clinic and hospital	9,10,11	9	
	Animal gathering places	12,13	6	
	Animal slaughterhouses	14	3	
	Poultry slaughterhouses	15	3	
2	Final Exam	Final Exam	16	3
Number of Weeks /and Units Per Semester		16	48	

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### V. Teaching strategies of the course:

Practical training (Clinical demonstrations, practice of skills, and discussions).

- (a) Field visits (farms and Veterinary teaching clinic and hospital and villages.....)
- (b) General experimental animal teaching
- (c) Clinical and small group sessions
- (d) Outpatient clinic
- (e) cases study

### VI. Assessment Methods:

- Written exam
- Practical exam
- Oral exam
- Report assignments
- Discussion

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.:**

Each evaluation step include; medicine, clinical pathology, surgery, obstetrics and poultry diseases.

No.	Type of Assessment Tasks	Week Due	Mark	Proportion of Final Assessment
1	Participation quizzes and assignments	2-14	10	10%
2	Mid-Term Exam	8	20	20%

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3	Oral Exam	16	10	10%
4	Final Exam	16	60	60%
<b>Total</b>			<b>100</b>	<b>100%</b>

## II. Learning Resources:

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

1. Clinical Examination of Farm Animals BY Peter G.G. Jackson & Peter D Cockcrot (2002)
2. Color atlas of diseases and disorders in cattle by. Blowey, Roger W and Weaver, A. David 2011 3rd Ed

### 2- Essential References.

Epidemiology for field veterinarians An interoduction by Sergaant E. and Perkins N. (2015)

### 3- Electronic Materials and Web Sites etc.

<https://www.vertasdvm.com>  
<http://vetmed.illinois.edu>  
<http://www.atdove.org/all/veterinarian>

## 3. Course Policies:

1	<b>Class Attendance:</b> <b>MANDATORY TO ATTEND ALL COURSE LECTURES</b>
2	<b>Tardy:</b> Not allowed at all. Students must be in class 10 minutes prior to the beginning of lectures
3	<b>Exam Attendance/Punctuality:</b> Attendance is mandatory; absence is accepted with valid excuse
4	<b>Assignments &amp; Projects:</b>

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	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	<b>Cheating:</b> Not tolerated and may lead to <b>EXPELLING</b> the student from the program
6	<b>Plagiarism:</b> Not tolerated <b>AT ALL</b> and may lead to <b>EXPELLING</b> the student from the program
7	<b>Other policies:</b> <ol style="list-style-type: none"><li>1. All devices must be on silent or at least on vibration during lectures/labs.</li><li>2. Before any exam (written, practical, oral) student's identity will be checked (student's card, ID, passport). Without any of these documents, the student will not be allowed in the exam room.</li><li>3. Any of type/ form of cheating is not allowed no matter what.</li><li>4. Maintain silence during lectures and disturbance is not allowed.</li></ol>

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