



Course Specification of Field Practice (1)

I. Course Identification and General Information:						
1	Course Title:	Field Practice (1)				
2	Course Number & Code:	TR592				
3	Credit hours:	C.H				Total
		Theoretical	Practical	Training	Seminar	
		0	3			3
4	Study level/ semester at which this course is offered:	Fifth Year - Frist Semester				
5	Pre –requisite (if any):	All courses in 4 th year				
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	Location of teaching the course:	Veterinary Teaching clinic and Field Visits				
10	Prepared by:	Dr. Abdulraqeb Ali Alshami Dr. Saleh Ahmed Alomaisi Dr. Aref saleh Abdulmghni				
11	Date of approval:					

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II. Course description:
<p>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.</p> <p>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.</p> <p>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.</p>

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:				
<table border="1" style="width: 100%;"> <tr> <td style="width: 5%; text-align: center;">A1-</td> <td>Demonstrate a sound knowledge and understanding of concepts and principles of general culture, basic</td> </tr> </table>	A1-	Demonstrate a sound knowledge and understanding of concepts and principles of general culture, basic	<table border="1" style="width: 100%;"> <tr> <td style="width: 5%; text-align: center;">a1-</td> <td>Demonstrate a knowing and understanding of the basic principles of the most important animal and poultry</td> </tr> </table>	a1-	Demonstrate a knowing and understanding of the basic principles of the most important animal and poultry
A1-	Demonstrate a sound knowledge and understanding of concepts and principles of general culture, basic				
a1-	Demonstrate a knowing and understanding of the basic principles of the most important animal and poultry				

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	science, and that support veterinary medicine.		diseases and identify the impact of clinical conditions, veterinary diagnosis and treatment on the health of animals and poultry and their consequent need for supportive nursing care.
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-	Identify various animal and poultry production, nutrition and environmental housing and hygiene control measures.

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-	Demonstrate a knowing and understanding of the basic principles of the most important animal and poultry diseases and identify the impact of clinical conditions, veterinary diagnosis and treatment on the health of animals and poultry and their consequent need for supportive nursing care.	-Practical training (Clinical demonstrations, practice of skills, and discussions). (a) Field visits (farms and villages) (b) General experimental animal teaching	-Written exam -Practical exam -Oral exam - Report assignments - Discussion
a2-	Identify various animal and poultry production, nutrition and environmental housing and hygiene control measures.	(c) Clinical and small group sessions (d) Outpatient clinic (e) Cases study	

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(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:	
B1-	Competently practices analytical and critical thinking skills in studying and assessing health problems and reading the results of animal medical examinations that is related to sciences.	b1-	explains how to deal with and manage animal production and healthy and nutritional problems to achieve maximal profits.
B3-	Design appropriate nursing and treatment care plans for different diseases that affect animals, prioritizing treatment.	b2-	Interpret of drug-drug interaction in the veterinary field as well as differentiate the actual cause(s) of intoxication among farm 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:		-Practical training (Clinical demonstrations, practice of skills, and discussions). (a) Field visits (farms and villages) (b) General experimental animal teaching (c) Clinical and small group sessions	-Written exam -Practical exam -Oral exam - Report assignment - Discussion
b1-	explains how to deal with and manage animal production and healthy and nutritional problems to achieve maximal profits.		
b2-	Interpret of drug-drug interaction in the veterinary field as well as differentiate the actual cause(s) of intoxication among farm animals.		

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		(d) Outpatient clinic (e) Cases study	
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(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-	Obtains the case history professionally for animals and poultry owners and select and apply clinical skills appropriate to the role of a professional veterinary nurse.
C4-	Treat animal patients safely and effectively considering the evaluation of the results, the appropriate modification of the treatment plan and the accurate description of the appropriate medications.	c2-	Build up a therapy program, preventive and control programs for animal and poultry .

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:		-Written exam

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c1-	Obtains the case history professionally for animals and poultry owners and select and apply clinical skills appropriate to the role of a professional veterinary nurse.	-Practical training (Clinical demonstrations, practice of skills, and discussions). (a) Field visits (farms and villages)	-Practical exam -Oral exam - Report assignments - Discussion
c2-	Build up a therapy program, preventive and control programs for animal and poultry .	(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-	Work effectively as a member of a teamwork delivery of services to community
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-	Use new technology and have access to internet veterinary web sites and retrieve information

Teaching And Assessment Methods For Achieving Learning Outcomes:

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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) - Cooperative learning and working groups - Scientific visits - discussions - Assignments	- Achievement test - Evaluating student presentations. - Practical examination - Report assignment - Discussion - Note performance
d1-	Work effectively as a member of a teamwork in the delivery of services to community		
d2-	Use new technology and have access to internet veterinary web sites and retrieve information		

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				
Number of Weeks /and Units Per Semester				12	24

b- Training Aspect:				
Order	Training Tasks		Number of weeks	Contact hours

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		CILOs (symbols)		
1	- Introduction & History taken -Clinical examination & diagnosis (Inspection& physical examination. - Temperature	a1, a2, b1, b2, c1, c2,	2	6
2	-Examination of cardiovascular system -Examination of respiratory system	a1, a2, b1, b2, c1, c2,	2	6
3	Examination of digestive system	a1, a2, b1, b2, c1, c2,	1	3
4	-Examination of lymph nodes -Examination of udder and milk	a1, a2, b1, b2, c1, c2,	1	3
5	-Examination of skin -Allergic tests -Routs and administration of drugs	a1, a2, b1, b2, c1, c2,	1	3
6	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.	a1, a2, b1, b2, c1, c2,	7	21
Number of Weeks /and Units Per Semester			14	42

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

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(e) cases study
3-Assessment Methods:
<ul style="list-style-type: none"> - Written exam - Practical exam - Oral exam - Report assignments - Discussion <p>Grading Scale:</p> <p>Grades are awarded on a scale from A to F, where A is the best grade(90-100) and F is a fail (<50).</p>

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, 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
Total			100	100%	

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VII. 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

VIII. Learning Resource (MLA style or APA style)S:	
Required Textbook(s) (maximum two)	
	<ul style="list-style-type: none"> • Clinical Examination of Farm Animals BY Peter G.G. Jackson & Peter D Cockcrot (2002) • Color atlas of diseases and disorders in catle by. Blowey, Roger W and Weaver, A. David 2011 3rd Ed
Recommended Readings and Reference Materials	
	<ul style="list-style-type: none"> • Clinical Examination of Farm Animals BY Peter G.G. Jackson & Peter D Cockcrot (2002) • Color atlas of diseases and disorders in catle by. Blowey, Roger W and Weaver, A. David 2011 3rd Ed
Essential References	
	Epidemiology for field veterinarans An interoduction by Sergaant E. and Perkins N. (2015)
Electronic Materials and Web Sites etc.	
	https://www.vertasdvm.com http://vetmed.illinois.edu http://www.atdove.org/all/veterinarian
Other Learning Material:	

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X. Course Policies:	
1	Class Attendance: MANDATORY TO ATTEND ALL COURSE LECTURES
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
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: 1.All devices must be on silent or at least on vibration during lectures/labs 2.Before any exam (written, 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.

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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 (1)

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

XI. Course Identification and General Information:						
1	Course Title:	Field Practice (1)				
2	Course Number & Code:	TR592				
3	Credit hours:	C.H				Total
		Th.	Seminar	Pr.	F. Tr.	
		-	-	3	-	
4	Study level/year at which this course is offered:	Fifth Year - Frist Semester				
5	Pre –requisite (if any):	All courses in 4 th year				

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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

II. Course Description:	
<p>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.</p> <p>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.</p> <p>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.</p>	

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

- After completing this course, students will be able to:**
- a1- Demonstrate a knowing and understanding of the basic principles of the most important animal and poultry diseases and identify the impact of clinical conditions, veterinary diagnosis and treatment on the health of animals and poultry and their consequent need for supportive nursing care.
 - a2- Identify various animal and poultry production, nutrition and environmental housing and hygiene control measures.
 - b1- Explains how to deal with and manage animal production and healthy and nutritional problems to achieve maximal profits.
 - b2- Interpret of drug-drug interaction in the veterinary field as well as differentiate the actual cause(s) of intoxication among farm animals.
 - c1- Obtains the case history professionally for animals and poultry owners and select and apply clinical skills appropriate to the role of a professional veterinary nurse.
 - c2- Build up a therapy program, preventive and control programs for animal and poultry .
 - d1- Work effectively as a member of a teamwork in the delivery of services to community.
 - d2- Use new technology and have access to internet veterinary web sites and retrieve information.

V. Course Content:

A – Theoretical Aspect:

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Order	Topics List	Week Due	Contact Hours
1	Non	-	-
Number of Weeks /and Units Per Semester			

b- Training Aspect:			
Order	Training Tasks	Week Due	Contact hours
1	- Introduction & History taken -Clinical examination & diagnosis (Inspection& physical examination. - Temperature	1,2	6
2	-Examination of cardiovascular system -Examination of respiratory system	3,4	6
3	Examination of digestive system	5	3
4	-Examination of lymph nodes -Examination of udder and milk	6	3
5	-Examination of skin -Allergic tests -Routs and administration of drugs	7	3
6	Mid-Term Exam	8	3
7	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.	,9,10,11,12 ,13,14,15	21
8	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 diseases. poultry

No.	Type of Assessment Tasks	Week Due	Mark	Proportion of Final Assessment
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1	Participation quizzes and assignments	2-14	10	10%
2	Mid-Term Exam	8	20	20%
3	Oral Exam	16	10	10%
4	Final Exam	16	60	60%
Total			100	100%

II. Learning Resources:	
1- Required Textbook(s) (maximum two).	
	<ol style="list-style-type: none"> 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

XVIII. Course Policies:	
1	Class Attendance: MANDATORY TO ATTEND ALL COURSE LECTURES

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2	<p>Tardy:</p> <p>Not allowed at all. Students must be in class 10 minutes prior to the beginning of lectures</p>
3	<p>Exam Attendance/Punctuality:</p> <p>Attendance is mandatory; absence is accepted with valid excuse</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). 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.

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