

Specification for Forensic Medicine and veterinary legislation course 2019/2020

A-Affiliation

1.	Relevant program	Bachelor of Veterinary Medical Science (BVMSc)
2.	Department offering the course	Forensic Medicine and Toxicology

Date of specification approval: ministerial decree No. 1727 on 26/4/2017
(Approved in this template by the department council on 1/10/2019)

B-Basic information

1.	Course title	Forensic Medicine and veterinary legislation
2.	Course code	404 (A) I
3.	Level	4th year
4.	Semester	First semester
5.	Total hours	4
6.	Lecture hours	2
7.	Practical hours	2

C-Professional Information

1- Course learning objectives

The course provides candidate with basic information about veterinary medicine and skills required for identification of dead body, cause of death and criminal evaluation.

2- Intended learning outcomes of the course (ILOs):

a- Knowledge and understanding

After successful completion of the course the students should be able to:

- a1- Identify the basic knowledge of forensic medicine and forensic terminology.
- a2- Mention the appropriate steps for identification of living or dead body.
- a3- Identify causes of death and time passing after death , Burn , Wound and Asphyxia
- a4- Describe the appropriate methods for criminal analysis
- a5- Mention the medico legal important for each examined point
- a6- Describe steps needed for writing a forensic report

b- Intellectual skills

After successful completion of the course the students should be able to:

- b1- Illustrate problem list
- b2- Demonstrate how case history, signs, P.M examination managed
- b3- Interpret the medico legal important of data collected.

- b4- Analyze the results obtained from their investigation and their value.
b5- Practice to solve criminal problems

c- Professional and practical skills

After successful completion of the course the students should be able to:

- c1- Apply safely , correctly and humanely restrain animals for examination.
c2- Carry out the history whether for individual or a group of animals.
c3- Perform P.M examination and collect relevant samples.
c4- Use more recent advanced techniques.
C5-Write a report to explain causes of the criminal problems.
C6- Use appropriate safety procedures to protect themselves and co-workers

d- General and transferable skills

After successful completion of the course the students should have the following skills

- d1- Working under pressure.
d2- Working in team.
d3- Searching skill
d4- Search for new technological methods for practical diagnosis

3- Course contribution in the program ILOs:

Course ILOS	Program ILOS
A Knowledge and understanding	a ¹⁰
B Intellectual skills	b ¹³
C Professional and practical skills	c ¹¹
D General and transferable skills	d ^{1,2,5,6}

3.1- Course contents:

Topic	Lecture hours	Practical hours
1- Signs of death	4	4
2- Identification	6	6
3- Blood spots	4	2
4- Adulteration	2	2
5-wound,Fire arm &burns	8	8
6-Asphyxia&Medical ethics	6	2
7- Vet. Jorseprodeuce	-	6
Total hours	30	30

The midterm and practical exams are included during the semester

3.2- ILOs matrix:

Topic	A) Knowledge and understanding	B) Intellectual skills	C) Professional and practical skills	D) General and transferable skills

Signs of death	a3,a5,a6	b1,b3,b4	c1,c2,c3	d1,d2,d3
Identification	a2,a5,a6	b4,b5	c2,c5	d1,d2,d3
Blood spots	a4,a5,a6	b3,b4,b5	c1,c4,c5	d1,d2,d4
Adulteration	a4,a6	b1,b5	c2,c5,c6	d1,d2,d4
wound,Fire arm & burns	a4,a6,a5	b3,b4,b5	c2,c3,c5	d1,d2
Asphyxia&Medical ethics	a4,a5,a6	b1,b2,b5	c1,c3,c5,c6	d1,d2,d3,d4
Vet. Jorseprodeuce	a1,a6	b1,b5	c4,c5	d3,d4

4- Teaching, learning and assessment methods:

ILOs	Teaching and Learning methods							assessment method				
	L	P&M	D	P	Ps	Bs	semester	midterm	oral	practical	written	
Knowledge and understanding	a1	x	x	x	0	0	x	x	x	x	0	x
	a2	x	x	x	0	0	x	x	x	x	0	x
	a3	x	x	x	0	0	x	x	x	x	0	x
	a4	x	x	x	0	0	x	x	x	x	0	x
	a5	x	x	x	0	0	x	x	0	x	0	x
	a6	x	x	x	0	0	x	x	0	x	0	x
Intellectual skills	b1	x	x	x	0	x	x	x	x	x	0	x
	b2	x	x	x	0	x	x	x	x	x	0	x
	b3	x	x	x	0	x	x	x	x	x	0	x
	b4	x	x	x	0	x	x	x	0	x	0	x
	b5	x	x	x	0	x	x	x	0	x	0	x
Professional and practical skills	c1	0	x	x	x	x	0	x	0	x	x	0
	c2	0	x	x	x	x	0	x	0	x	x	0
	c3	0	x	x	x	x	0	x	0	x	x	0
	c4	0	x	x	x	x	0	x	0	x	x	0
	c5	0	x	x	x	x	0	x	0	x	x	0
	c6	0	x	x	x	x	0	x	0	x	x	0
General skills	d1	0	0	0	x	0	x	x	0	x	0	0
	d2	0	0	x	x	0	0	x	0	x	0	0
	d3	x	x	x	0	x	x	x	0	x	0	x
	d4	0	0	0	x	x	0	x	0	x	0	0

L :Lecture, P&M: Presentations & Movies, D&S: Discussions & Seminars PT: Practical, Ps: Problem solving, Bs: Brain storming

5- Assessment timing and grading:

Assessment method	timing	grade
Mid-term exam and semester work	6 th week	15

Practical exam	14 th week	20
oral exam	End of semester	15
Written exam	End of semester	50
total		100

6- List of references

6.1- Course notes: None

Forensic medicine and advance forensic medicine edited by staff members

6.2- Essential books (text books)

- Michael Barkly (2013) Recent advances in veterinary toxicology.
- Sylvia Engdahl (2011) Forensic Technology.

6.3- Recommended books

- Course notes
- Michael Barkly (2013) Recent advances in veterinary toxicology.
- Atlas of vet. Forensic medicine.

6.4- Periodicals, Web sites, . . . etc

- Environmental contamination & toxicology.
- Clinical toxicology.
- www.ekb.eg

7- Facilities required for teaching and learning

- Equipped teaching hall.
- Equipped laboratory of forensic medicine and toxicology.
- Forensic medicine and toxicology a .
- Laboratory animal research unit

Course coordinator: Prof. Dr. ELHAM ELSHEIWEY.

Head of department Prof. Dr. ELHAM ELSHEIWEY

Signature

Date 1/10/2019