

## Specification for computer course

2019/2020

### A-Affiliation

1.	<b>Relevant program</b>	Bachelor of Veterinary Medical Science (BVMSc)
2.	<b>Department offering the course</b>	Computers and data Department

**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.	<b>Course title</b>	Basics in computer science
2.	<b>Course code</b>	108(A) I
3.	<b>Level</b>	1st year
4.	<b>Semester</b>	1 <sup>st</sup> semester
5.	<b>Total hours</b>	2
6.	<b>Lecture hours</b>	1
7.	<b>Practical hours</b>	1

### C-Professional Information

#### 1- Course learning objectives

This course aims to enhance the students' capabilities on computer science in both hard and softwares. The courses focus on using appropriate soft ware program and data analysis. They present an integrated programmer of computer for students of Faculty of veterinary medicine. They also help the student to understand terminology and provide the correct action most commonly used in computer science.

#### 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 hardware and software of computer
- a2- describe the usage of different software and function of hardware
- a3- Mention different types of computer program used in presentation, data treatment and analysis

##### b- Intellectual skills

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

- b1- Select suitable program based on task
- b2- Apply the computer skill in their assignments
- b3- Construct the suitable solution to treat computer problem
- b4 - Develop students proficiency of computer language

##### c- Professional and practical skills

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

- c1 – Design their work based on computer  
c2- Summarize the problems associated with software and hardware

#### d- General and transferable skills

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

- d1- communication skill  
d2- work in group

### 3- Course contribution in the program ILOs:

Course ILOS	Program ILOS
A) <b>Knowledge and understanding</b>	a <sup>1</sup>
B) <b>Intellectual skills</b>	-
C) <b>Professional and practical skills</b>	-
D) <b>General and transferable skills</b>	d <sup>3</sup>

#### 3.1- Course contents:

Topic	Lecture hours	Practical hours
Introduction and terminology	1	-
Computer hardware's	5	5
Computer software's	8	8
Revision	1	2
<b>Total hours</b>	<b>15</b>	<b>15</b>

#### 3.2- ILOs matrix:

Topic	A) Knowledge and understanding	B) Intellectual skills	C) Professional and practical skills	D) General and transferable skills
Introduction and terminology	a1,a2,a3	b1,b2, b3, b4	c1,c2	d1,d2
Computer hardware's	a1,a2,a3	b1,b2, b3, b4	c1,c2	d1,d2
Computer software's	a1,a2,a3	b1,b2, b3, b4	c1,c2	d1,d2

### 4- Teaching, learning and assessment methods:

ILOs		Teaching and Learning methods						assessment method
		L	P&M	D&S	PT	Ps	Bs	
K and U skills	a1	x	x	x	0	0	0	written x
	a2	x	x	x	0	0	0	x
	a3	x	x	x	x	0	0	x
I skills	b1	x	x	x	0	0		x
	b2	x	0	x	x	x	0	x
	b3	x	0	x	x	x	0	x

P and p skills	b4	x	x	x	0	0	0	x
	c1	0	0	0	x	x	0	x
	c2	x	x	x	x	x	0	x
G skills	d1	0	0	x	x	0	0	x
	d2	0	0	x	x	0	0	x

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

### 5- Assessment timing and grading:

Assessment method	timing	Grade
Written exam	End of semester	50
Other assessment	-	0
total		50

### 6- List of references

6.1- Course notes: None

6.2- Essential books (text books)

- Concise Encyclopedia of Computer Science, Chichester, UK: Wiley, 2004.

6.3- Recommended books

- Concise Encyclopedia of Computer Science. Chichester, UK: Wiley, 2004

6.4- Periodicals, Web sites, . . . etc

- [www.google.com](http://www.google.com).
- [www.ekb.eg](http://www.ekb.eg)

### 7- Facilities required for teaching and learning

Data show. -White board- IT unit.

Course coordinator: Dr. MOHAMED ABDELFAH .

Head of department Dr. MOHAMED ABDELFAH

Date 1/10/2019