



KAFR ELSHEIKH UNIVERSITY

FACULTY OF VETERINARY MEDICINE

DEPARTMENT OF Animal wealth development

Course report **(2015 / 2016)**

A - Basic Information:

- 1- **Course title:** Veterinary Genetics and Genetic Engineering
- 2- **Academic Year:** 2015-2016 year of B. V. Sc. Programme
- 3- **Total teaching hours:** 75 hrs
Lectures: 45 hrs
Practical: 30 hrs
- 4- **Basis of examiner commite formation:** formation of examiner commmite by the board of department and the approval of the faculty council
- 5- **External evaluation for exam** available (☒) not available (☐)
- 6- **Number of teaching staff (professor, one lecturer, one assistant lecturer)**

B- Specialized information

1-Statistical Information

	Number	Percentage (%)
No. of students attending the course	424	100%
No. of students completing the course	316	75%
Passed students	284	90%
Failed students	32	10%
Grading of successful students		
Excellent	6	2%
Very good	30	10%
Good	60	19%
Passed	188	59%

2- Course teaching:

Topics actually taught	Cytogenetics: <ul style="list-style-type: none"> • Chromosome and cell cycls • Heterochromatin and Euchromatin. • Sex determination Part II: Molecular Genetics: <ul style="list-style-type: none"> • DNA replication • The genetic code • Genetic expression • Transcription and Translation. Part III: Mutation <ul style="list-style-type: none"> • Classification of mutation • Mutagenesis • Mutation and cancer Part IV: Immunogenetics: <ul style="list-style-type: none"> • Genetic resistance and pathogens • Control of inherited disorders and diseases
Topics taught as a percentage of the content specified	> 90% <input checked="" type="checkbox"/> 70-90% <input type="checkbox"/> < 70% <input type="checkbox"/>
Commitment with syllabus contents	>85% <input checked="" type="checkbox"/> 60-84% <input type="checkbox"/> <60% <input type="checkbox"/>
Assessment cover all syllabus topics	>85% <input checked="" type="checkbox"/> 60-84% <input type="checkbox"/> <60% <input type="checkbox"/>



Teaching and learning methods:	Lectures:	<input checked="" type="checkbox"/>
	Practical training / laboratory:	<input checked="" type="checkbox"/>
	Seminar / workshop:	<input checked="" type="checkbox"/>
	Class activity:	<input checked="" type="checkbox"/>
	Case Study:	<input checked="" type="checkbox"/>
	Other assignments / homework:	<input checked="" type="checkbox"/>
Weighting of assessments:	Final- term examination	50%
	Oral examination	20%
	Practical examination	20%
	activites	10%

3-Available facilities for teaching

1.scientific references and books	Totally adequate	A dequate to some extent	Inadequate
	<input type="text"/>	<input checked="" type="text"/>	<input type="text"/>
2.Facilities and teaching materials	Totally adequate	A dequate to some extent	Inadequate
	<input type="text"/>	<input checked="" type="text"/>	<input type="text"/>
3-Administrative constraints			
4-Student evaluation of the course(%)	69%		
5-Suggestions for improving the course	<ul style="list-style-type: none"> • Giving more practical cases • Increase student activities • Simplification of some topics • adding anew topics aboute the most advanced applications in the specialty 		
6-Comments of external evaluator (if present)			
7- What it has been implemented of development proposals in the previous year	<ul style="list-style-type: none"> • View Photos and illustrations and videos for some genetic conditions • Incease of activities and open discussion with students 		
8- What has not been implemented proposals (What are the reasons?)	<ul style="list-style-type: none"> • Application of some practical expriments as there is no student practical lab till now 		

9-Action plan for academic year 2016 – 2017

Areas of development	Development specification	Development date	Person responsible
<ul style="list-style-type: none"> • Practical • Lecturs 	<ul style="list-style-type: none"> • Giving more practical cases and application rather than practical • Simplification of some hard topics adding anew topics aboute the most 	2016-2017	Teaching stuff



	advanced applications in the specialty		
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Course coordinator: Prof. Dr. Fikry El-Nahas.
Alex. University

Signature:

Date: / /