COURSE REPORTS Faculty of Pharmacy

Fourth Year - First Term

2018-2019

CONTENTS:

	Course	Page
		No.
1	Phytochemistry-2	3
2	Clinical Biochemistry-1	11
3	Bioassay -1	17
4	Toxicology -1	24
5	Medicinal Chemistry-3	31
6	Medical Microbiology	37

COURSE REPORT

Phytochemistry-2

Fourth year – first Term 2018-2019

Annual Course Report (2018-2019)

University: Zagazig Pharmacognosy	Faculty: Pharmacy	Department:			
Course Report					
A- Basic Information					
1. Title and code: Phytoc	hemistry II	Code: PG415			
2. Programme(s) on which	ch this course is given:	: Bachelor of Pharmacy			
3. Year/ Level of program	mme: Fourth year / 7 th	semester			
4. Units/Credit hours:					
Lectures 2	Tutorial/Practical	2 Total 3			
5. Names of lectu	5. Names of lecturers contributing to the delivery of the course:				
Prof. Dr. Maher El-Domiaty					
Prof. Dr. Mahmoud AbdAlaal					
Prof. Dr. Azza Al-Shafeay					
A Prof. Maged Abou-Hashem					
Dr. Islam Mos	stafa				
Course co-ord	inator: Prof. Dr. Mahr	noud AbdAlaal			
External evalu	ator: Prof. Dr. Heshar	n El-Askary			

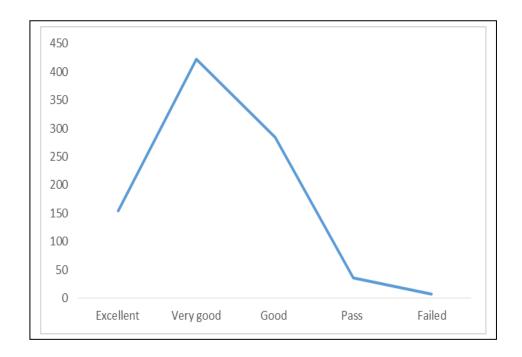
B- Statistical Information

No. of students attending the No. % 910 100 course: No. of students completing the No. % 905 99.45 course: Results: Passed: 99.23 Failed: No. % % 898 7 0.77 No.

Grading of successful students:

Excellent: No. Very Good: % 423 154 46.74 17.01 No.

No. Good: Pass: 3.98 285 31.49 36 No.



C- Professional Information

1 - Course teaching

Topics actually taught	No. of hours	
Alkaloids Classification, isolation and properties	2	Prof. Dr. Maher El-Domiaty
Alkaloids Biosynthesis of alkaloids	2	Dr. Islam Mostafa
Alkaloids Non-heterocyclic, pyridine and piperidine alkaloids	2	Prof. Dr. Azza Al-Shafeay
Alkaloids Tropane alkaloids	2	Prof. Dr. Maher El-Domiaty
Alkaloids Quinoline and isoquinoline alkaloids	2	Dr. Islam Mostafa
Alkaloids Indolic and terpenoid alkaloids	2	Dr. Islam Mostafa
Alkaloids Xanthine and imidazole alkaloids	2	Prof. Dr. Azza Al-Shafeay
Volatile oils - Occurrence, physical properties Preparation and determination Chemistry and uses Classification of vol. oils components.	2	Prof. Dr. Mahmoud AbdAlaal
-Biosynthesis of volatile oils	2	Prof. Dr. Mahmoud AbdAlaal
Volatile oils Hydrocarbons. Oxygenated components.	2	A Prof. Maged Abou-Hashem
Volatile oils Oxygenated components. N and S containing components.	2	Prof. Dr. Mahmoud AbdAlaal

Topics taught as a percentage of t	the content specified:		
>90% √ 70-90%	<70%		
Reasons in detail for not			
teaching any topic			
If any topics were taught which a detail	re not specified, give reasons in		
2- Teaching and learning method	s:		
Lectures:	V		
Practical training/laboratory:	V		
Seminar/Workshop:			
Class activity:	V		
Case Study:			
Other assignments/homework: If teaching and learning methods were used other than those specified, list and give reasons: Internet based research and visits to community pharmacy to be in touch with applications of the course in the market and renew information.			
3- Student assessment:			
Method of assessment	Percentage of total		
Midterm written exam Practical exam	10% 20%		
Activity	5%		
Final written exam	50%		
Oral exam TOTAL	15% 100%		
IOIAL	10070		

Members of examination committee

أ.د. ماهر محمد على الدمياطي

أ.د. سميح ابر اهيم الدهمي
أ.د. نوال محمد احمد فراج
أ.د.احسان محمود ابوزيد
أ.د. محمود محمد ابر اهيم عبد العال
الشافعي أ.د. عزة محمد ابراهيم
أ.د. سامية صلاح حافظ
أ.د. عفاف السيد عبد الغنى أ. د. عفاف السيد عبد الغنى
أ.د. عاصم محمد الشاذلي أ.د. فو قية عبد الله عباس
ا.د. فوقیه عبد الله عباس أ.د. راویة عبد اللهادی زاید
ا.د. زينب ابر اهيم عبد الحميد
أ.د. أمل أمين الجندى
أ.د. وفاء حسن بدر
أ.م. جمال عبد الوهاب دره
أ.م. ماجد محمد ماهر أبو هاشم أ.م. رحاب حامد عبد الله
د. سحر عبد العزيز محمد
د. أحمد محمود محمد مصطفى
د. رشا عادل عبد المنعم
د. اسلام مصطفی عبده
د.می أحمد محمد أحمد
أ.د. على الشامى """ القاهرة
أ.د. سبهام المهواري " " " " " القاهرة
أ.د. محمد سعیدالحفناوی ۱۱ ۱۱ ۱۱ ۱۱ ۱۱ القاهرة
أ.د. هشام العسكرى " " " " القاهرة
أ.د. السيدُ شاكر " " " " " المنصورة
أ.د. محمد فرید نهلوب ۱۱ ۱۱ ۱۱ ۱۱ المنصورة
أ.د. دينا القرش ١١ ١١ ١١ ١١ ١١ البريطانية
د. خالد أحمد نعمة الله البريطانية
4- Facilities and teaching materials:
Totally adequate
Adequate to some extent
Inadequate
List any inadequacies -

5- Administrative constraints

List any difficulties encountered

- -Lack of rotary evaporators.
- Poor internet

6- Student evaluation of the course: Response of course team

List any criticisms

Students required improvement in Will be improved next year

theoretical and practical notes

7- Comments from external evaluator(s): Response of course team List of references must be updated Will be taken into consideration

8- Course enhancement:

Progress on actions identified in the previous year's action plan:

Action

Availability of some chemicals and material required for practical sessions

Completed

9- Action plan for academic year 2019 - 2020

Actions required Completion date Person responsible Improvement of course books Sep. 2019 Prof. Mahmoud AbdAlaal Dr. Islam Mostafa

Using illustrative videos

Renew of the practical schedule

Continuous evaluation for the students during practical sessions (3 exams)

> Course coordinator: Prof. Dr. Mahmoud AbdAlaal Head of Department: Prof Dr. Amal Al-Gendy

Signature:

30/09/2019 Date:

COURSE REPORT

Clinical Biochemistry-1

Fourth year – first Term 2018-2019

Annual Course Report

University: Zagazig Faculty: Pharmacy

Department: Biochemistry

A – Basic Information:

1. Title and Code: Clinical Biochemistry BC 412

2. Program(s) on which this course is given: Bachelor of pharmacy.

3. Year / Level of programs: fourth year / first term

4. Units / Credit hours:----

Lectures2 hrs.Practical sessions2 hrs.Total3 hrs.

- 5. Names of lecturers contributing to the delivery of the course:
 - Prof. Dr. Mohamed Elsweidy
 - Ass. Prof. Nahla N. Younis
- 6. Course coordinator:

Ass. Prof. Nahla N. Younis

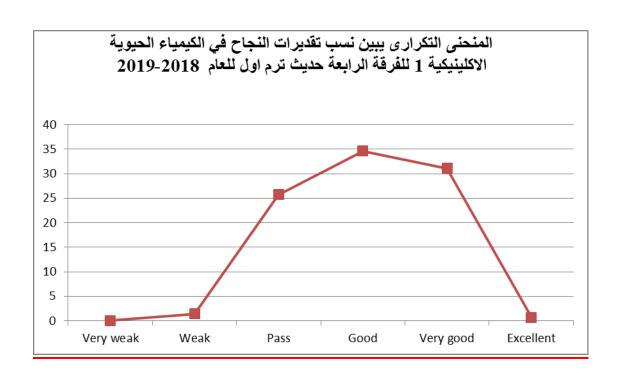
7. External evaluators:

• Prof. Dr. Nahla El-Ashmawy (Tanta University)

B- Statistical Information:

No. of students attending the course	867	100%
No. of students completing the course	866	99.88 %

Results:					
Passed	854	98.61%	Failed	12	1.38%
Excellent	61	0.7 %	Very good	270	31.1 %
Good	300	34.6 %	Pass	223	25.7 %
Weak	12	1.4%	Very Weak	0	0



C- Professional Information:

1- Course teaching:

Topic	No of hours	Lecturers
• Introduction to clinical biochemistry	2	
•Proteins and proteins of inflammation and the immune system.	4	Prof. Dr. Mohamed Flavoidy
Cancer biology and tumor markers	4	Elsweidy
Disorder of lipid metabolism	2	
• Disorders of carbohydrates metabolism	2	Ass. Prof. Nahla N. Younis
Disorders of endocrine system	6	
• Clinical biochemistry in pediatrics and gerriatrics.	4	

Topics taught as a percentage of the content specified:

>90 %	V	70 – 90 %	<70%	

- Reasons in detail for not teaching any topic: -----
- If any topics were taught which are not specified, give reasons in detail: -----

2- Teaching and learning methods:

Lectures	V
Practical Training / Laboratory	V
Seminar / Workshop	-
Class activity	V
Case study	V
Other assignment / homework	V

• If teaching and learning methods were used other than those specified, list and give reasons: other methods of teaching and learning were used such as reports, internet search... to increase the interaction between the lecturers and students, as well as to develop the writing and presentation skills of the students.

3- Student Assessment

Method of Assessment	Percentage of total %
Written examination	50%
Oral examination	15%
Practical / Laboratory work including Activity	25%
Periodical examination	10%
Total	100%

Members of examination committee:

- Prof. Dr. Mohamed Elsweidy
- Ass. Prof. Nahla N. Younis

4- Facilities and Teaching Materials:

Totally adequate	
Adequate to some extent	\checkmark
Inadequate	

List any inadequacies:

5- Administrative Constraints: Crowded practical sections due to large number of students

6- Students evaluation of the course:

Students evaluation of the course	Response of course team
Students need questions bank for clinical biochemistry 1 course before exam	This point will be taken in concern in next year
The practical course should be more detailed to be more linked with the external practical skills	This point will be taken in concern in next year

7- Comments from external evaluator(s):

Comments from external evaluator:	Response of course team
The course is well designed; ILOs are clear, properly phrased and measurable.	

8- Course Enhancement:

Action	State whether or not completed and give reasons for any non completion		
Holding two practical exams for effective evaluation of students.	•		
Support self learning through internet searches	Completed		
Improvement of the student book to be more attractive	Completed		

9- Action plan for academic year 2019–2020:

Action required	Completion date	Person responsible
Measuring course ILOS		
• Update teaching methods such as demonstrative videos.	2019-2020	Course team

Course Co-ordinator: Ass. Prof. Nahla N. Younis

Date:

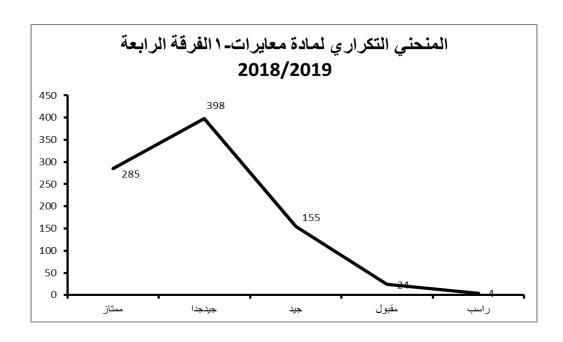
COURSE REPORT

Bioassay -1

Fourth year – first Term 2018-2019

Course Report of Bioassay-1 2018/2019

University: Zagazig Pharmacology and toxicolog	Faculty: Pharmacy	Department:
A- Basic Information:		
 Title and code: Bioassay Programme(s) on which 		achelor of Pharmacy.
3. Year/ Level of programm		•
4. Units/Credit hours:	·	,
Lectures 2 hrs	Tutorial/Practical 2 hr	Total 3 hrs
 Names of lecturers cont Prof. Dr/ Hany Elbassosy Dr. Samar Abdel Meged Dr.Noura Ahmed 	1	y of the course:
Course coordinator: Prof. I External evaluator: Prof. D		Jniversity)
B- Statistical Information:		
No. of students atter course: No. of students com course: Results:		No. 867 % 100 No. 866 % 99.9
Passed: No. 86	99.5 ailed:	4 % 0.5
Grading of successf	ul students:	
Excellent: No. 28.	% 32.9 Very Go No.	od: 398 % 45.9
Good: No.	155 6 17.9 ass: Jo.	24 6 2.7



C- Professional Information:

1 - Course teaching:

Topics actually taught	No. of hours	Lecturer
Pharmacological screening and standardization	8	• Prof. Dr/ Hany Elbassosy
Behavioral tests	4	• Dr. Samar
Biostatistics	12	Abdel Meged Rezg
Drug approval process	4	• Dr.Noura
Design of clinical studies	4	Ahmed
Revision and open discussion	4	

To	pics	taught as	a	percentage	of	the	content	specif	ied	:

>90%	V	70-90%		<70%	
------	---	--------	--	------	--

Reasons in detail for not teaching any topic: -----

If any topics were taught which are not specified, give reasons in detail: -----

2- Teaching and learning methods:

Lectures:	
Practical training/ laboratory:	
Seminar/Workshop:	-
Class activity:	
Case Study:	-

Other assignments/homework: $\sqrt{}$

If teaching and learning methods were used other than those specified, list and give reasons: self learning

3- Student assessment:

Method of assessment	Percentage of total		
Written examination:	50%		
Periodic examination:	10%		
Oral examination:	15%		
Practical/laboratory work:	20%		
Other assignments/class work:	5%		
Total:	100%		

Members of examination committee:

- Prof. Dr/ Hany Elbassosy
- Dr. Samar Abdel Meged Rezq
- Dr.Noura Ahmed

4- Facilities and teaching materials:

Totally adequate	
Adequate to some extent	\
Inadequate	
List any inadequacies:	

- Inadequate lab equipments.
- Lack of internet connection in labs.

5- Administrative constraints:

List any difficulties encountered:

- Crowded schedule
- No periodical maintenance for laboratory equipments

6- Student evaluation of the course:

List any criticism	Response of course team
Relation between course and the	Updating the course content
work market needs is weak	
Internet services are inadequate.	Addressing faculty dean to enhance
	internet services.
Course not has available electronic	Addition of electronic sources to
sources	the course

7- Comments from external evaluator(s):

Comments	Response of course team
Using recent means and equipments	Taken in consideration next year
to assess the drug effectiveness in	
labs	
Using video cassettes for	Taken in consideration next year
demonstration of some practical	
lessons.	

8- Course enhancement:

1. Progress on actions proposed for improving the course in previous course reports (if any).						
Actions recommended from the most recent course report(s) Actions Taken Action Results Action Analysis						
a. Holding periodical exam in sixth week of each semester (10% of written exam)	olding completed odical exam in a week of each ester (10% of					

b. Surprise quiz to	completed	
encourage students		
to attend lectures		
regularly		
c. Supply lab by	completed	
data show,		
chemicals, chairs,		
kymograph and		
experimental		
animals		

2. Action Plan for Next Semester/Year				
Actions Recommended for	Person			
Further Improvement	(should be measurable)	Date	Date	Responsible
Holding periodical exam		2019	2020	Faulty dean
in seventh week of each				- Vice dean
semester (10% of written				for
exam).				education &
CXam).				students
				affairs
Practical exam is divided		2019	2020	Course
into two practical exams		2017		coordinator
(one in sixth week and				Coordinator
the other in the final				
week) for effective				
evaluation of students.				
Using additional		2019	2020	Course team
learning and teaching				
methods such as group				
discussion to encourage				
students to interact				
effectively with				
lecturers.				
Less crowded laboratory.		2019	2020	Course team
Supplying the electronic		2019	2020	Course team
sources of the course to				
students.				
Measurement of ILOS of		2019	2020	Course team
course				

α .	
V 1	gnature:
731	enaluic.
~ -	

Date: / /

COURSE REPORT

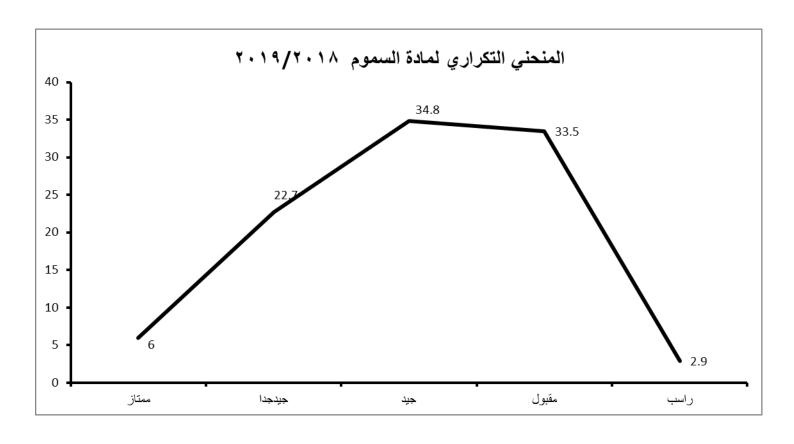
Toxicology -1

Fourth year – first Term 2018-2019

University: Zagazig **Faculty:** Pharmacy **Department:** Pharmacology and toxicology A- Basic Information: 1. Title and code: Toxicology I (PT415) 2. Programme(s) on which this course is given: Bachelor of Pharmacy 3. Year/ Level of programme: Fourth year/ First semester 4. Units/Credit hours: Total 3 Tutorial/Practical 2 Lectures 2 5. Names of lecturers contributing to the delivery of the course • Ass.Prof. Dr/ Shimaa Elshazly • Dr. Nora Ahmed Dr. Nesreen Ebrahim Course co-ordinator: Ass.Prof. Dr/ Shimaa Elshazly • External evaluator: Prof.Dr/ Alaa El-sissy (Tanta university) B- Statistical Information: No. of students attending the No. % 867 100 course: No. of students completing the No. % 865 100 course: Results: Failed: Passed: No.| 840 % 97.1 2.9 25

Excellent: No. 52 % 6 Very Good: 197 % 22.7 No. Good: No. 301 % 34.8 No. 290 % 33.5

Grading of successful students:



C- Professional Information:

Topics actually taught	No. of hours	Lecturer
Introduction to toxicology	2	Ass.Prof.Dr. Shimaa
Approach to treatment	2	El-Shazly
- Heavy metals part1	2	
Heavy metals part2	2	
Heavy metals part3	2	
Toxic responses of blood	2	
Toxic effects of solvents &	2	
vapors		Dr/Nesreen Ibrahim
Toxic response of immune	2	• Dr/Nesreen Ibranin
& respiratory systems		

Toxic responses of the kidney & liver	2	
Toxic responses of the nervous systems & eye	2	
Toxic responses of cardio vascular system	2	
Pesticides	2	Dr/ Nora Ahmed
Animal & Food Poisoning	2	
Forensic chemistry	2	

- Course teaching	
Topics taught as a percentage of the content s	specified:
>90% **** 70-90%	<70%
Reasons in detail for not teaching any topic	fied, give reasons in detail
2- Teaching and learning methods	5:
Lectures	**
Practical training/ laboratory:	**
Seminar/Workshop:	_
Class activity:	**
Case Study:	**
Other assignments/homework:	

If teaching and learning methods were used other than those specified, list and give reasons : open discussion to develop the interaction between students and lecturer and illustrate the unclear issues.

Think/pair/share

3- Student assessment:

Assessment method	Marks	Percentage
Midterm exam	10	10%
Final written exam	50	50%
Activity (case study in team	5	5%
work)		
Practical practice & exam	20	20%
Oral exam	15	15%
TOTAL	100	100%

Members of examination committee:

- Written exams preparation: Ass.Prof.Dr. Shimaa El-Shazly,
 Dr/Nesreen Ibrahim, Dr/ Nora Ahmed
 - Oral exam: Prof.Dr/ Salah Gharieb, Prof.Dr/ Rasha Abd El-Ghany, Prof.Dr/ Mona Fouad, Ass. Prof. Shimaa El Shazly, Dr/Nesreen Ibrahim, Dr/ Noura Ahmed, Dr/ Shimaa Samy

4- Facilities and teaching materials:

Totally adequate Adequate to some extent **

Inadequate -

List any inadequacies

• Insufficient lab tools (equipments and chemicals)

5- Administrative constraints

List any difficulties encountered

Time and space constrains due to large number of students

No periodical maintenance for laboratory equipments

6- Student evaluation of the course:

List any criticism	Response of course team
Internet services are inadequate.	Addressing faculty dean to enhance
	internet services.
Library hours are incompliant to students.	Addressing vice dean for education and
	student affairs to match library hours.
Deficiency of textbooks in library of the	Calling faculty administration to provide
faculty.	the library with additional copies of
	textbooks.

7- Comments from external evaluator(s): Response of course team

Comments	Response of course team		
Students should be assessed in periodical	This is already done.		
quizzes.			

8- Course enhancement:

Progress on actions identified in the previous year's action plan:

Action State whether or not

completed and give reasons for any non-completion

Has been performed

Addition of more interactive topics in practical session's e.g.

case study.

Using simulated video and computer aided learning in practical sessions Not Completed

9- Action plan for academic year 2019 - 2020

	> 1202011 P1011 201 00000011110 J 001 202> 2020				
	2. Action Plan for Next Semester/Year				
ſ	Actions Recommended for	Intended Action Points	Start	Completion	Person
	Further Improvement	(should be measurable)	Date	Date	Responsible
	-				-
	Using simulated video and			2019-2020	- Course
	computer aided learning in				team.
	practical sessions				

Using additional learning		2019-2020	- Course
and teaching methods such			team.
as group discussion to			
encourage students to			
interact effectively with			
lecturers			
Organizing field visits to the		2019-2020	- Course
university hospitals			team.
Calling the library to save		2019-2020	- Course
"Textbook of Modern			team.
Toxicology" as an important			
reference book.			

Course coordinator: Prof.Ass. Shimaa	\mathbf{E}	l Shazi	y

Signature:

Date:2019 / /

COURSE REPORT

Medicinal Chemistry-3

Fourth year – first Term 2018-2019

Annual Course Report

University: Zagazig Faculty: Pharmacy

Department: Medicinal Chemistry

<u>A – Basic Information:</u>

1. Title: Medicinal Chemistry III **Code:** MC412

2. Program(s) on which this course is given: Bachelor of Pharmacy

3. Year / Level of programs: Fourth year (first semester)

4. Units / Credit hours:----

Lectures	2 hrs	Practical sessions	2 hrs	Total	3 hrs
----------	-------	---------------------------	-------	-------	-------

5. Names of lecturers contributing to the delivery of the course:

- Prof.Dr/ Mohamed El-husseny Elsadek
- Prof.Dr/ Samy Megahed Ibrahim
- Prof.Dr/ Mohamed Baraka
- Dr/Hend Kothayer

6. Course coordinator:

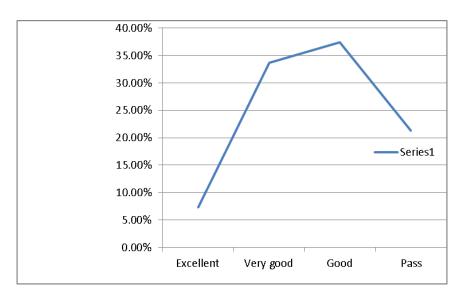
• Prof. Dr/ Samy Megahed Ibrahim

7. External evaluator:

• ------

B- Statistical Information:

Results:					
Passed	99.7 %		Failed	0.3%	
Grading of	successful s	tudents:			
Excellent	63	7.3 %	Very good	292	33.7 %
Good	324	37.4 %	Pass	185	21.3 %



C- Professional Information:

1- Course teaching:

Topic	Lecturers
NSAIDs & Narcoic analgesics.	Prof.Dr/ Mohamed Baraka
Drug acting on ANS Section 1.01	Prof.Dr/Mohamed El-husseny Elsadek
CNS depressant	Prof.Dr/Samy Megahed
Anticovulsant	
local Anesthetics	Dr/ Hend Kothayer
Central Nervous System Stimulants	

Topics taught as a percentage of the content specified:

>90 %	$\sqrt{}$	70 – 90 %	<70%	

- Reasons in detail for not teaching any topic: ------
- If any topics were taught which are not specified, give reasons in detail: -----

2- Teaching and learning methods:

Lectures	V
Practical Training / Laboratory	V
Seminar / Workshop	-
Class activity	V
Case study	V
Other assignment / homework	V

• If teaching and learning methods were used other than those specified, list and give reasons: self-learning

Student Assessment:

Method of Assessment	Percentage of total %
Written examination	50%
Oral examination	15%
Practical / Laboratory work including Activity	25%
mid term exam	10%
Total	100%

Members of examination committee:

- Prof.Dr/ Mohamed El-husseny Elsadek
- Prof.Dr/ Mohammed Mohammed Barakah
- Prof.Dr/ Samy Megahed
- Dr/Hend Kothayer

3- Facilities and Teaching Materials:

Totally adequate	
Adequate to some extent	$\sqrt{}$
Inadequate	

• List of inadequacy:-----

5- Administrative Constraints:

No constraints

6- Students evaluation of the course:

Students evaluation of the course	Response of course team
Students did not complain of any weaknesses for this year, as there is no percentage less than 60% in the results of the questionnaire given to them	

7- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
• The course is well designed	
and intended learning	
outcomes are properly written,	
clear and can be measured	

8- Course Enhancement:

Action	State whether or not complete &
	give reasons for any non completion
Holding two practical exams for	Not completed due to overcrowding
better evaluation of students	of practical sessions schedule
Measurement of ILOS of course	Accomplished
Activating the faculty council	Accomplished
decision by adopting a new	
mechanism for oral exam and	
using balanced question cards	

9- Action plan for academic year 2019–2020:

Action required	Completion date	Person responsible
Holding two practical exams for better evaluation of students	2019-2020	Course team
Providing the students with electronic sources for the courses	2019-2020	-Vice-dean for education and students' affairs -Course team
Modifying the course specification for more correlation between ILOs and course objectives	2019-2020	Course team

Course Co-ordinator: Prof. Dr/Samy Megahed Ibrahim

Signature:

Date: course report is approved in department council on

COURSE REPORT

Medical microbiology

Fourth year – first Term 2018-2019

University: Zagazig Faculty: Pharmacy Department: Microbiology & Immunology

A- Basic Information:

- 1. Title and code: Medical Microbiology (MI413)
- 2. Programme(s) on which this course is given: Bachelor of

Pharmacy

- 3. Year/ Level of programme: Fourth year/ 1st semster
- 4. Units/Credit hours:

Lectures 3 Tutorial/Practical 1 Total 3.5

5. Names of lecturers contributing to the delivery of the course

Prof. Mona Abdelmoneam

Prof. Ashraf Kadry

Ass. Prof. Amira El-Ganiny

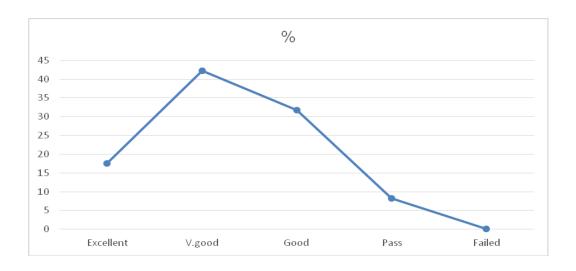
Ass. Prof. Hisham Abbas

Course coordinator: Prof. Ashraf Kadry

External evaluator: Prof. . Dr/Abdel Gawad Hashem

B- Statistical Information:

No. of students attending the No. % 170 100 course: No. of students completing the No. % 100 868 course: Results: Passed: No.| 866 Failed: % 99.8 0.2 2 No. Grading of successful students: Excellent: No. Very Good: % 153 17.6 366 42.2 No. Good: No. 8.3 31.7 72



C- Professional Information:

1 - Course teaching

Topics actually taught	No. of hours	Lecturer
GRAM-POSITIVE COCCI	10	Ass. Prof. Hisham Abbas
Genus Staphylococcus	10	1 101 1101 1101
Genus Streptococci		
Corynebacterium and Listeria		
Bacillus and Clostridium		
ACID-FAST BACILLI:		
Mycobacteriae		
FERMENTATIVE GRAM-NEGATIVE	10	Prof. Mona Abdelmoneam
RODS	10	
Family Enterobacteriaceae:Lactose		
Fermenters:		
Escherichia, Klebsiella, Enterobacter and		
Citrobacter		
Lactose Non-Fermenters:		
Salmonella, Shigella, Proteus Serratia,		
Yersinia		
NON-FERMENTATIVE:GRAM-		
NEGATIVE RODS:		
Pseudomonas and Acinetobacter		
CURVED GRAM-NEGATIVE RODS		
Vibrio, Campylobacter and Helicobacter		
GRAM-NEGATIVE COCCI:	12	Ass Prof Amira El Caniny
Neisseria and Branhamella	12	Ass. Prof. Amira El-Ganiny
GRAM-NEGATIVE UNUSUAL		
BACTERIA (RODS):		
Haemophilus, Bordetella and Legionella		
OBLIGATE INTRACELLULAR		

BACTERIA: Spirochetes, Rickettsiae and					
Chlamydiae					
FASTIDIOUS GRAM-NEGATIVE					
RODS: Brucella and Pasteurella					
OBLIGATE ANAEROBIC GRAM-					
NEGATIVE BACTERIA:					
Bacteroides and Fusobacterium					
Introduction to Virology:					
General Introduction					
Pathogenesis & Diagnosis of viral					
infection, Immune response to viral					
infection, Chemotherapy and prevention					
Mycology & Pathogenic Fungi					
DNA-VIRUSES:	10	Prof. Ashraf Kadry			
Small-pox virus& Herpes Viruses.	10	·			
RNA VIRUSES:					
- Polio-virus, Influenza virus					
- Human corona virus					
- Rubeola (Measles), Mumps virus					
- Rubella (German measles) virus					
- Rabies virus, Hepatitis viruses					
- Human Immunodeficiency Virus					
Topics taught as a percentage of the content specified:					
>90% ****	70-90%	<70%			
>90% ****	70-90%	<70%			
>90% ****	70-90%	<70%			
>90% **** Reasons in detail for not	70-90%	<70%			
Reasons in detail for not	70-90%	<70%			
	70-90%	<70%			
Reasons in detail for not teaching any topic					
Reasons in detail for not					
Reasons in detail for not teaching any topic					
Reasons in detail for not teaching any topic					
Reasons in detail for not teaching any topic If any topics were taught detail	which are not s				
Reasons in detail for not teaching any topic	which are not s				
Reasons in detail for not teaching any topic If any topics were taught detail	which are not s				
Reasons in detail for not teaching any topic	which are not so				
Reasons in detail for not teaching any topic	which are not so				
Reasons in detail for not teaching any topic	which are not so				
Reasons in detail for not teaching any topic If any topics were taught detail 2- Teaching and learning Lectures Practical training/laboratory:	which are not so				
Reasons in detail for not teaching any topic If any topics were taught detail 2- Teaching and learnin Lectures Practical training/laboratory: Seminar/Workshop:	which are not so				

If teaching and learning methods were used other than those specified, list and give reasons:

Videos and animations

3- Student assessment:

Assessment method	Marks	Percentage
Midterm exam	15	10%
Final written exam	75	50%
Activity (report)	10	6.7%
Practical practice & exam	30	20%
Oral exam	20	13.3%
TOTAL	150	100%

Members of examination committee:

Prof. Mona Abdelmoneam

Prof. Ashraf Kadry

Ass. Prof. Amira El-Ganiny

Ass. Prof. Hisham Abbas

- Oral exam:

Prof. Mona Abdelmoneam

Prof. Ashraf Kadry

Prof. Dr/ Fathy Serry

Prof Dr/ Ghada Hamed Shaker

Prof.Dr/Nehal Elsayed Youssef

Ass. Prof. Amira El-Ganiny

Ass. Prof. Hisham Abbas

DR./ Momen Mohamoud

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent **

Inadequate -

List any inadequacies

5- Administrative constraints

List any difficulties encountered

No constraints present

6- Student evaluation of the course: Response of course team

List any criticisms

- Students are satisfied about the course

7- Comments from external evaluator(s): Response of course team

- The course was well designed
- ILOs were properly written

course coordinator

8- Course enhancement:

Progress on actions identified in the previous year's action plan:

Action State whether or not

completed and give reasons for any non-

completion

Updating Students Completed Notes

9- Action plan for academic year 2019 - 2020

30% of the final exam questions will be December 2019 Course team short essay for proper estimation of students achievement of ILOs and to reach normal distribution of grades

Course coordinator:

Signature: Prof. Dr. Ashraf Kadry

Date: / /