

# COURSE REPORTS

## Faculty of Pharmacy

**Bachelor of pharmacy**

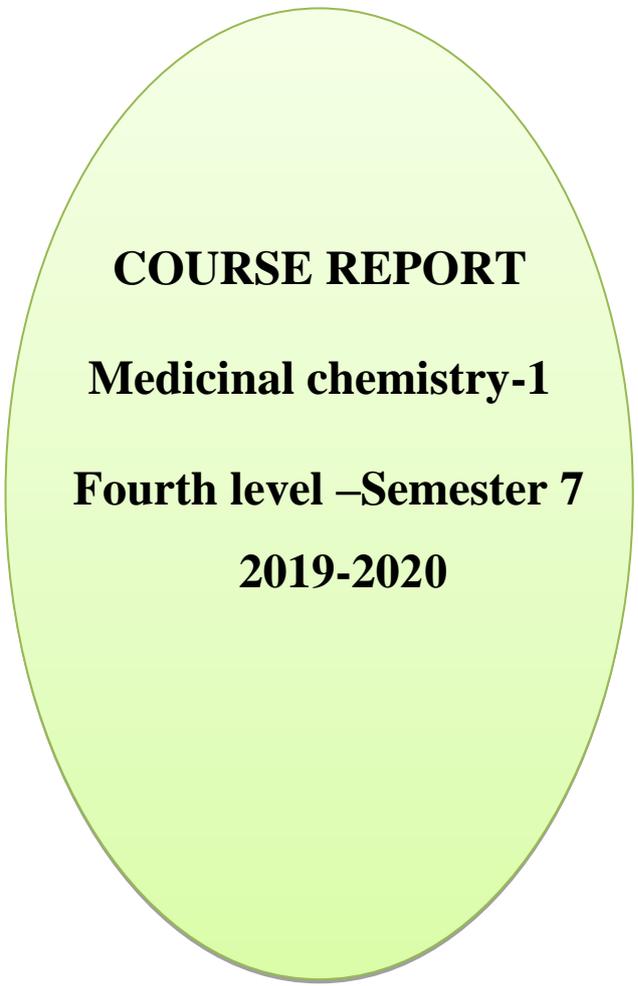
**(Clinical Pharmacy)**

**Fourth level – Semester 7**

**2019-2020**

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**COURSE REPORT**

**Medicinal chemistry-1**

**Fourth level –Semester 7**

**2019-2020**

# Course report of Medicinal Chemistry-1

**University:** Zagazig      **Faculty:** Pharmacy      **Department:** Medicinal Chemistry

1. Title and code: Medicinal Chemistry-1 (Pc709)
2. Programme(s) on which this course is given: Bachelor of Pharmacy  
(Clinical Pharmacy)

3. Year/ Level of programme: Fourth year/ semester7

4. Units/Credit hours:

Lectures       Tutorial/Practical       Total

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

Prof. Dr. Abdulla A. El-Shanawani

Prof. Dr. Sobhy M. El-Adl

Prof. Dr. Mansour Abu Kull

Prof. Dr. Lobna M. Abdel-Aziz

Prof. Dr. Kamel A. Metwally

Course Co-ordinator: Prof. Dr. Mansour Abu Kull

External evaluator: Prof. Dr. Fargally AbdelHamed Omar (Assuit University)

## B- Statistical Information:

No. of students attending the course:      No.       %

No. of students completing the course:      No.       %

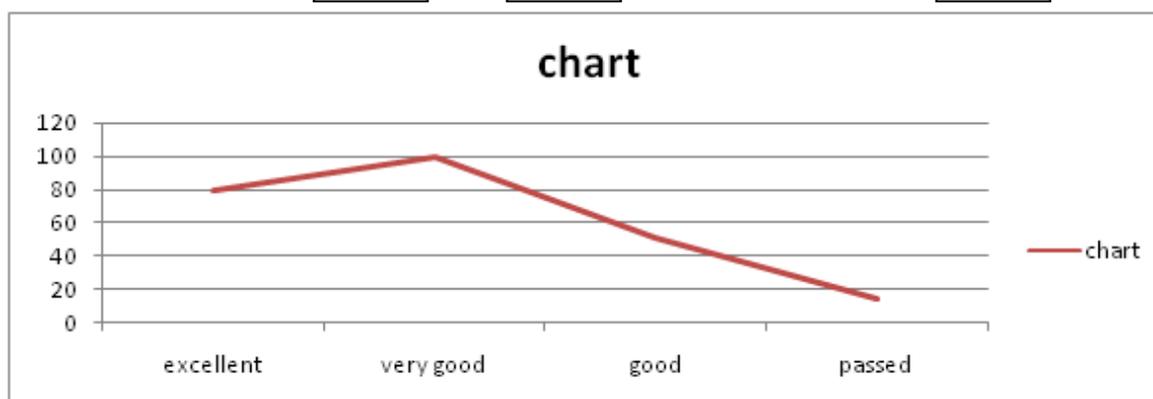
Results:

Passed:      No.       %       Failed:      No.       %

Grading of successful students:

Excellent:      No.       %       Very Good:      No.       %

Good :      No.       %       Pass:      No.       %



## C- Professional Information:

### 1 - Course teaching

Topics actually taught	No. of hours	Lecturer
-Physicochemical properties in relation to biological action part 1	2	Prof. Dr. Abdulla A.El-Shanawani
-Physicochemical properties in relation to biological action part 2	2	
-Physicochemical properties in relation to biological action part3	2	
-Antibiotics: B-lactam antibiotics (penicillins , cephalosporins ) & aminoglycosides	2	Prof.Dr. Kamel A.Metwally
-Antibiotics ( macrolide , fused ring , conjugated polyene compounds , poly peptide antibiotics )	2	
-Antibiotics ( sulphur containing antibiotics , unclassified antibiotics )	2	
-Antiseptics disinfectants ( alcohol, aldehyde ,acids)	2	Prof. Dr. Mansour Abu Kull
-Antiseptics &disinfectants (chlorine containing compounds, phenolic compounds, cationic surfactants, dyes, nitrofurans derivatives & floroquinolones)	2	
-Sulphonamide	2	Prof Dr Lobna AbdEl aziz
-Antiprotozoal agents ( antiamoebic , antitrichomonal , anti giardial agents ,	2	

antileishmanial ,antitrypanosomal agents)		
-Antimalarials	2	
-Antifungal	2	
-Cancer chemotherapy	2	Prof. Dr. Sobhy M.El-Adl
-Antiviral	2	
-Antimycobacterial	2	

Topics taught as a percentage of the content specified:

>90%       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	<input type="text" value="**"/>
Practical training/ laboratory:	<input type="text" value="**"/>
Seminar/Workshop:	<input type="text" value="-"/>
Class activity :Internet search	<input type="text" value="**"/>
Case Study:	<input type="text" value="**"/>

Other assignments/homework:

The students were asked to write a report about active substances in the Egyptian pharmacopea.

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

Think/pair/share

### 3- Student assessment:

Assessment method	Marks	Percentage
Midterm exam	10	10%
Final written exam	50	50%
Practical practice & exam & activity	25	25%
Oral exam	15	15%
<b>TOTAL</b>	100	100%

#### Members of examination committee:

##### - Written exams preparation:

Prof. Dr. Kamel A. Metwally, Prof. Dr. Abdulla A. El-Shanawani, Prof. Dr. Sobhy M. El-Adl, Prof. Dr. Mansour Abu Kull, Prof. Dr. Lobna M. Abdel-Aziz.

**- Oral exam:** Prof. Dr. Kamel A. Metwally, Prof. Dr. Abdulla A. El-Shanawani, Prof. Dr. Sobhy M. El-Adl, Prof. Dr. Mansour Abu Kull, Prof. Dr. Lobna M. Abdel-Aziz, Dr. Ahmed Samy..

### 4- Facilities and teaching materials:

Totally adequate	-
Adequate to some extent	**
Inadequate	-
List any inadequacies	Inadequate Ventilation, Poor lightning systems, magic boards

### 5- Administrative constraints

List any difficulties encountered

Crowded table schedule

No periodical maintenance for laboratory equipments

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

#### Response of course

List any criticisms

-

- The students are satisfied and

-----

they have no comment regarding the course

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

Medicinal chemistry-1 course fulfill the requirement for clinical studies. The exam contains different types of questions help in the evaluation of the ILOS.

**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
Support self learning through internet searches	Completed
Using additional learning and teaching methods such as group discussion to encourage students to interact effectively with lecturers	Completed
Holding two practical exams for effective evaluation of students	Completed
Measurement of ILOS of course	Completed

**9- Action plan for academic year 2020 - 2021**

Actions required	Completion date	Person responsible
Updating practical sessions	2020-2021	Teaching team

**Course coordinator:**

Signature: Prof. Dr. Mansour Abu Kull

Date: 15/5/2020



**COURSE REPORT**

**Radiopharmaceuticals**

**Fourth level –Semester 7**

**2019-2020**

## Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Pharmacy practice

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### A – Basic Information:

1. Title: Radiopharmaceuticals

Code: PP 701

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

3. Year / Level of programs: Fourth level (seventh semester)

4. Units / Credit hours: 1 hour

Lectures	1 hrs.	Practical sessions	0 hr.	Total	1 hrs.
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5. Names of lecturers contributing to the delivery of the course:

- Prof. Dr/ Samir AbouZeid
- Prof. Dr/. Nagia A. El-Megrab

6. Course coordinator:

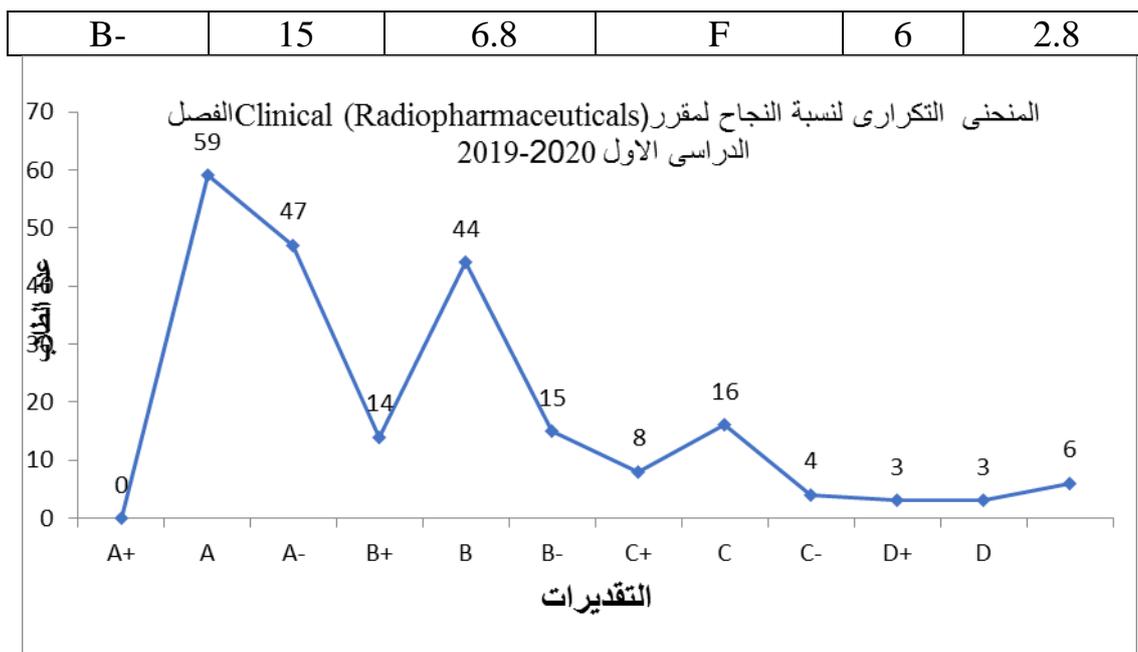
Prof. Dr/ Nagia A. El-Megrab

External evaluator:

- Prof. Dr. Abd Elgawad Helmy Mansoura University

### B- Statistical Information:

No. of students attending the course	219	100 %			
No. of students completing the course	<u>219</u>	100%			
<b>Results:</b>					
Passed	213	97%	Failed	6	3
<b>Grading of successful students:</b>					
<b>Grade</b>	<b>No.</b>	<b>%</b>	<b>Grade</b>	<b>No.</b>	<b>%</b>
A+	0	0	C+	8	3.7
A	59	26.9	C	16	7.3
A-	47	21.5	C-	4	1.8
B+	14	6.5	D+	3	1.4
B	44	20.1	D	3	1.4



### C- Professional Information:

#### 1-Course teaching:

Topic	No of hours	Lecturers
Introduction, Definitions ,Atomic structure	1	Prof. Dr/ Samir AbouZeid
Radioactivity and ionising radiation Types of radiation	1	
Radioactive decay	1	
Radiation measurement: quantifying radioactive decay	1	
Mode of radioactive decay Alpha particle, Beta particle ,Gamma ray	1	Prof Dr/. Nagia A. El-Megrab
Type of radioactive decay: Alpha decay, Negatron decay, Positron decay, Electron capture, Isomeric transition.	1	
Instruments for Radiation Detection and Measurement: Gas-Filled Detectors, Scintillation Detecting Instruments	1	
Production of Radionuclide: Cyclotron, Reactor, Radionuclide generator	1	
Principle of radionuclide generator <sup>99m</sup> Tc	1	
Categories of Radiopharmaceuticals	1	

Application of Radiopharmaceuticals		
Therapeutic Radiopharmaceutical Diagnostic Radiopharmaceuticals	1	
Quality Control of Radiopharmaceuticals	1	
Radiopharmaceuticals labeling Storage of radiopharmaceuticals Dispensing and distribution of radiopharmaceuticals	1	
The basic principles for reduction of radiation doses Precautions to be taken in handling of radiopharmaceuticals	1	
Some calculations involving radiopharmaceuticals	1	

**Topics taught as a percentage of the content specified:**

>90 %	√	70 – 90 %		<70%	
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- **Reasons in detail for not teaching any topic: -----**
- **If any topics were taught which are not specified, give reasons in detail: -----**  
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**2-Teaching and learning methods:**

Lectures	√
Practical Training / Laboratory	NA
Seminar / Workshop	NA
Class activity	NA
Case study	NA
Other assignment / homework	NA

- **If teaching and learning methods were used other than those specified, list and give reasons:**
- **Think-Pair-Share:** It helps students to **think** individually about a topic or answer to a question, to **share** ideas with classmates and builds oral communication skills and focus attention and engage students in comprehending the reading material.

### 3-Student Assessment:

Method of Assessment	Percentage of total %
Written examination	90%
Oral examination	-
Practical / Laboratory work including activity	-
Periodical exam	10%
Total	100%

### Members of examination committee:

- Prof. Dr/ Samir AbouZeid
- Prof. Dr / Nagia A. El-Megrab

### 4-Facilities and Teaching Materials:

Totally adequate	
Adequate to some extent	√
Inadequate	

### List any inadequacies:

Irregular internet connection

### 5-Administrative Constraints:

Delay in students registration and the students lists

### 6- Student evaluation of the course:

Student evaluation of the course:	Response of course team
Generally , the students were satisfied about the course	
Students complain about the short examination time. One hour is not enough for exam weighing 90 marks	Application of the new internal regulation (2017) next year

**7- Comments from external evaluator(s):**

<b>Comments from external evaluator:</b>	<b>Response of course team</b>
Generally, the evaluator was satisfied about the course and the exam questions	

**8- Course Enhancement:**

<b>Action</b>	<b>State whether or not completed and give reasons for any non completion</b>
Increasing the periodical exam marks to 15 marks And including 10 marks for activities	Not completed because of the application of the old internal regulation on this batch of students

**9- Action plan for academic year 2020– 2021:**

<b>Action required</b>	<b>Completion date</b>	<b>Person responsible</b>
Increasing the periodical exam marks to 15 marks And including 10 marks for activities	September 2021	by the program coordinator through application of the new internal regulation (2017)
Revising the course contents to make necessary update	September 2021	Lecturers contributing in course delivery

**Course Coordinator: Prof. Dr./ Nagia A. El-Megrab****Signature:****Date:** course report is approved in department council on:    /    /20



**COURSE REPORT**

**Clinical pharmacy-1**

**Fourth level –Semester 7**

**2019-2020**

## Course Report of Clinical pharmacy I

**University:** Zagazig  
Pharmacology

**Faculty:** Pharmacy

**Department:**

### A- Basic Information:

- 1. Title and code:** Clinical pharmacy I PP 702
- 2. Programme(s) on which this course is given:** Bachelor of pharmacy, Clinical pharmacy
- 3. Year/ Level of programme:** Fourth level (seventh semester)
- 4. Units/Credit hours:**

Lectures  Tutorial/Practical  Total

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

**Dr. Islam Ahmed El-Azizy**

**Dr. Shaimaa Samy Mahmoud**

**Dr. Israa Mohammed Nagieb**

**6. Course coordinator:** Dr. Islam Ahmed El-Azizy

**7. External evaluator:** Prof. Dr/ Alaa El-Sisi (Tanta university)

### B- Statistical Information:

No. of students attending the course: No.  %

No. of students completing the course: No.  %

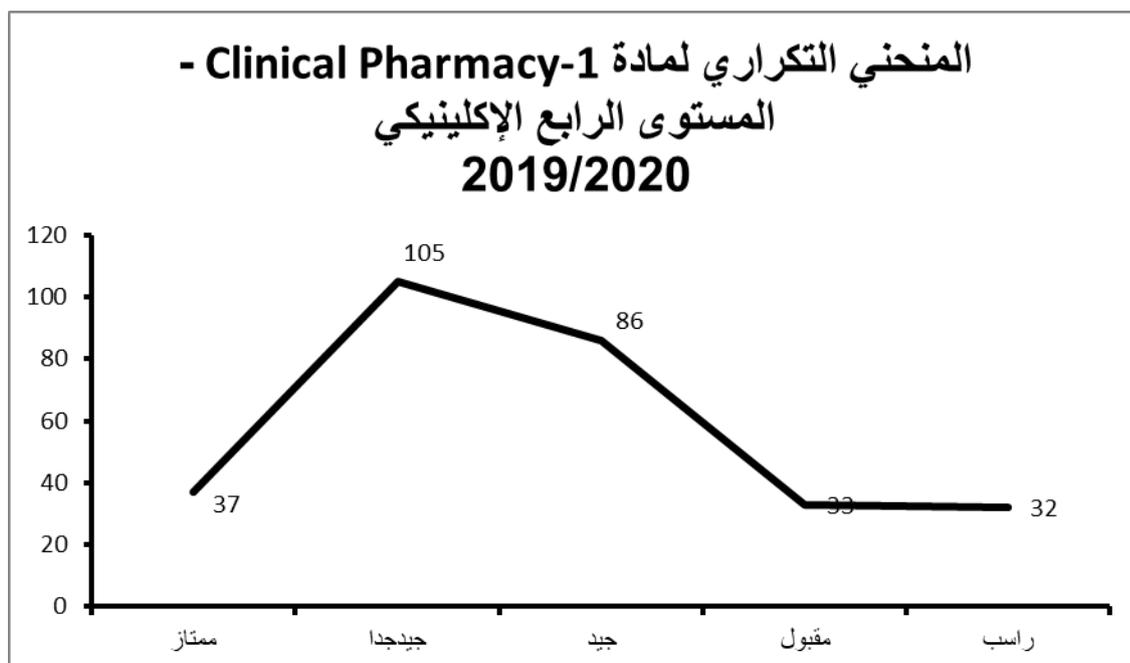
Results:

Passed: No.  %  Failed: No.  %

Grading of successful students:

Excellent: No.  %  Very Good: No.  %

Good : No.   Pass:



### C- Professional Information:

#### 1 - Course teaching:

Topics actually taught	No. of hours	Lecturer
Fluids and electrolytes	12	<b>Dr. Islam Ahmed El-Azizy</b>
Clinical trials	6	
		<b>Dr. Esraa</b>

Gastrointestinal diseases	8	<b>Mohammed Naguib</b>  <b>Dr. Shaimaa Samy</b>
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**Topics taught as a percentage of the content specified:**

>90%  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:	<input type="checkbox" value="√"/>
Practical training/ laboratory:	<input type="checkbox" value="√"/>
Seminar/Workshop:	<input type="checkbox" value="-"/>
Class activity:	<input type="checkbox" value="√"/>
Case Study:	<input type="checkbox" value="√"/>

Other assignments/homework:

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

**3- Course learning outcome assessment:**

Method of assessment	Percentage of total
Midterm	10
Practical/laboratory work	25
Oral examination	15
Written examination	50
Other assignments/class work	----

Total  
Members of examination  
committee

100

**Dr. Islam Ahmed  
El-Azizy**

**Dr. Esraa  
Mohammed  
Naguib**

**Dr. Shaimaa Samy  
Mahmoud**

#### 4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies:

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
Deficiency of references and textbooks of the course in library of the faculty	Calling faculty administration to provide the library with additional copies of textbooks

#### 7- Comments from external evaluator(s):

Comments	Response of course team
Course specification and course contents are very useful to	

pharmacy graduates and enable them to practice the profession after graduation.	-----
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### 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. Surprise quiz to encourage students to attend lectures regularly		completed	
b. Supply lab by data show and chairs.		completed	

2. Action Plan for Next Semester/Year				
Actions Recommended for Further Improvement	Intended Action Points (should be measurable)	Start Date	Completion Date	Person Responsible
Practical exam is divided into two practical exams for effective evaluation of students.		2020	2021	Course coordinator
Supplying the electronic sources of the course to students.		2020	2021	Course team
Activating the faculty council decision by adopting a new mechanism for oral exam and using balanced question cards		2020	2021	-Course team
External examiner for evaluation of student during oral exam		2020	2021	- Faculty vice dean for education and student affairs
Measurement of ILOS of course		2020	2021	- Course team.

Signature: **Dr. Islam Ahmed El-Azizy**  
Date: /



**COURSE REPORT**

**Hospital pharmacy**

**Fourth level –Semester 7**

**2019-2020**

**University:** Zagazig  
Pharmacy practice

**Faculty:** Pharmacy

**Department:**

**A- Basic Information:**

1. Title and code: HOSPITAL PHARMACY (PP703)
2. Programme(s) on which this course is given: Bachelor of Pharmacy

(Clinical Pharmacy)

3. Year/ Level of programme: Fourth level / semester7

4. Units/Credit hours:

Lectures  Tutorial/Practical  Total

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

i Assis Prof. Gehan Fathy Attia

ii Dr. Shereen Sabri

Course co-ordinator: Assis Prof. Gehan Fathy Attia

External evaluator: Prof. Mahrous Othman – Pharmaceutics – Assuit  
University

**B- Statistical Information:**

No. of students attending the course: No.  %

No. of students completing the course: No.  %

Results:

Passed: No.  %  Failed: No.  %

Grading of successful students:

Excellent: No.  %  Very Good: No.  %

Good : No.  %  Pass: No.  %

**C- Professional Information:**

**1 - Course teaching**

<b>Topics actually taught</b>	<b>No. of hours</b>	<b>Lecturer</b>
Orientation to hospital pharmacy	2	Dr. Shereen Sabry
Introduction to hospital pharmacy -Responsibilities of hospital pharmacist	2	
- Pharmacy and therapeutic committee - Hospital formulary	2	
Hospital drug distribution systems	2	Dr. Gehan Fathy
Dispensing process - Dispensing of biotechnology products	2	
Dispensing of radiopharmaceuticals	2	
Dispensing of vaccines dispensing of cytotoxics	2	
Medication errors	4	
Dispensing of controlled drugs	2	
Pharmacovigilance & adverse drug reactions	2	
Rational drug use	2	Dr. Shereen Sabry
IV admixture and TPN	2	

Topics taught as a percentage of the content specified:

>90%  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: hospital visit	**
Case Study:	**

Other assignments/homework:

The students were asked to interview Patients to gather information for patient file and prepare a video for this interview

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

Think/pair/share

### 3- Student assessment:

Assessment method	Marks	Percentage
Midterm exam	10	10%
Final written exam	50	50%
Practical practice & exam & video	25	25%
Oral exam	15	15%
<b>TOTAL</b>	100	100%

Members of examination committee:

- Written exams preparation: Assis. Prof. Gehan Balata, Dr.

Shereen Sabry

- Oral exam: Professors Fakhar Ghazi, Mahmoud Abd

ElGhani, Hanan ElNahas, Nagia ElMegrab, Hanaa ElGhamri

Assis. Prof Gehan Balata, Azza Hassan, shereen sabri

Dr. Margrit , Noura gamal, Eman Gomaa

### 4- Facilities and teaching materials:

- Totally adequate -
- Adequate to some extent \*\*
- Inadequate -
- List any inadequacies

**5- Administrative constraints**

- List any difficulties encountered
- No administrative constraints

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

**Response**

- Students were satisfied about the course
- Students were satisfied about the exam questions

**7- Comments from external evaluator(s):  
team**

**Response of course**

- The course was well designed .....
- ILOs were properly written

**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
Add handling and dispensing of Biotechnology products and cytotoxic drugs	Completed
Add simulation lab for developing practice skills	Completed
Cancel hospital visit and change the activity into run an interview with a patient to collect required information for patient profile and then prepare a video for this interview	Completed
30% of the final exam questions will be short essay for proper estimation of	Completed

students achievement of ILOs and to reach normal distribution of grades

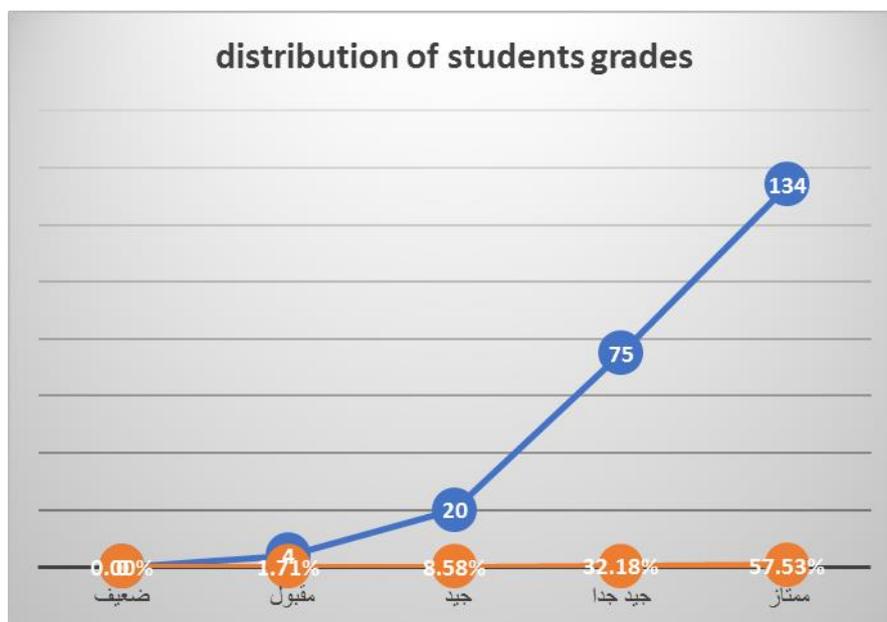
### 9- Action plan for academic year 2020 - 2021

Actions required	Completion date	Person responsible
1- Apply blended learning	Sep 2020	Course coordinator
2- Apply electronic practical exam	Sep 2020	Course coordinator

Course coordinator:

Signature: Dr. Gehan Fathy

Date:                    /        /





## Course Report of “Controlled drug delivery systems”

**University:** Zagazig  
Pharmaceutics

**Faculty:** Pharmacy

**Department:**

### A- Basic Information:

- 1. Title and code:** Controlled drug delivery systems (PT-710)
- 2. Programme(s) on which this course is given:** Bachelor of pharmacy, Clinical pharmacy
- 3. Year/ Level of programme:** Fourth Level (seventh semester)
- 4. Units/Credit hours:**

Lectures  Tutorial/Practical  Total

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

- Prof. Dr/ Hanan El-Nahas
- Dr/ Noura Gamal Eissa

### 6. Course coordinator:

- Prof. Dr/ Hanan El-Nahas

### 7. External evaluator:

### B- Statistical Information:

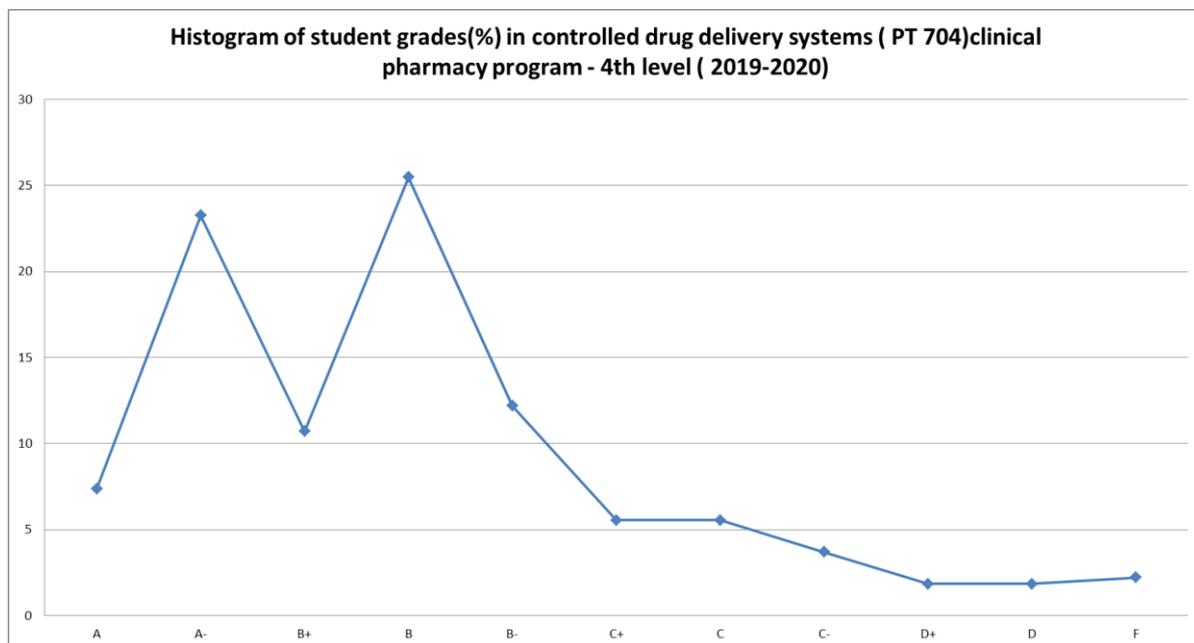
No. of students attending the course: No.  %

No. of students completing the course: No.  %

### Results:

<b>Passed</b>	265	97.78%	<b>Failed</b>	6	2.21%
<b>Grading of successful students:</b>					
<b>Grade</b>	<b>No.</b>	<b>%</b>	<b>Grade</b>	<b>No.</b>	<b>%</b>
<b>A</b>	20	7.38	<b>A-</b>	63	23.24
<b>B+</b>	29	10.7	<b>B</b>	69	25.46
<b>B-</b>	33	12.17	<b>C+</b>	15	5.5
<b>C</b>	15	5.5	<b>C-</b>	10	3.69

<b>D+</b>	5	1.84	<b>D</b>	5	1.84
<b>F</b>	6	2.21			



### C- Professional Information:

#### 1 - Course teaching:

Topics actually taught	No. of hours	Lecturer
Different controlled release drug delivery systems.	2	Prof. Dr/ Hanan El-Nahas
Nanoparticles as controlled drug delivery systems.	2	
Microemulsions.	4	
Controlled drug delivery systems " coated beads, microencapsulation, complex formation, resinated drugs,.....etc"	2	
Microspheres and microcapsules.	2	
Different types of microspheres.	2	
Controlled and modulated release drug delivery systems (definition, advantages, disadvantages, theory, methods )	2	Dr/ Noura Eissa
Colloidal drug delivery systems ( Liposomes )	4	
Therapeutic applications of liposomes.	2	
Advantages of proliposomes as a controlled release drug delivery systems.	2	

Colloidal drug delivery systems ( Niosomes )	4	
Therapeutic applications of niosomes. Advantages of proniosomes as controlled drug delivery systems.	2	

**Topics taught as a percentage of the content specified:**

>90%  70-90%  <70%

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

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

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**2- Teaching and learning methods:**

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:**

Internet based researches to develop self-learning skills as well as computer and internet skills.

**3- Course learning outcome assessment:**

Assessment method	Marks	Percentage
Written exam	75	75%
Oral exam	15	15%
Periodical exam & activity	10	10%
<b>TOTAL</b>	<b>100</b>	<b>100%</b>

**Members of examination committee:**

- Prof. Dr. Hanan El-Nahas
- Dr. Noura Gamal Eissa

**Role of external evaluator:**

**Evaluation of course content and final exam**

**4- Facilities and teaching materials:**

Totally adequate

√
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Adequate to some extent

--

Inadequate

--

List any inadequacies:

--

**5- Administrative constraints:**

List any difficulties encountered:

No administrative constraints

**6- Student evaluation of the course:**

List any criticism	Response of course team
Students were satisfied about the course content and staff performance	-----

**7- Comments from external evaluator(s):**

Comments	Response of course team
Well designed course with clear objectives	-----

## 8- Course enhancement:

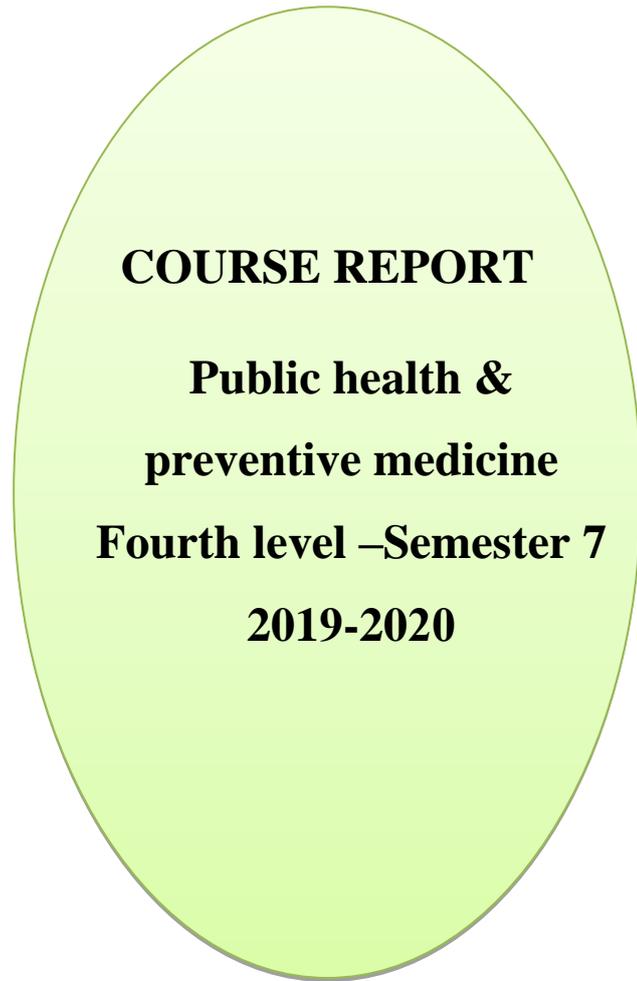
<b>1. Progress on actions proposed for improving the course in previous course reports (if any).</b>			
<b>Actions recommended from the most recent course report(s)</b>	<b>Actions Taken</b>	<b>Action Results</b>	<b>Action Analysis</b>
External examiner for evaluation of student during oral exam		<b>Not completed</b>	

<b>2. Action Plan for Next Semester/Year (2020/2021)</b>				
<b>Actions Recommended for Further Improvement</b>	<b>Intended Action Points (should be measurable)</b>	<b>Start Date</b>	<b>Completion Date</b>	<b>Person Responsible</b>
Revision of course notes for any required updates		1 <sup>st</sup> semester (2020/2021)	2020/2021	Course team

**Signature:**

- Prof. Dr. Hanan El-Nahas

**Date:**



## Course report of Public health

**University:** Zagazig  
Microbiology &  
Immunology

**Faculty:** Pharmacy

**Department:**

### A- Basic Information:

1. Title and code: Public health & preventive medicine (**MD-710**)
2. Programme(s) on which this course is given: Bachelor of Pharmacy (clinical pharmacy)
3. Year/ Level of program: 2019-2020 (4th level/7th semester)

4. Units/Credit hours: ---

Lectures  Tutorial/Practical  Total

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

i Ass. Prof. Hisham Abdelmonem Abbas

ii Dr. Momen Mohamoud

- External evaluator: Prof. Dr/Abdel Gawad Hashem

### B- Statistical Information:

No. of students **attending** the course: No.  %

No. of students **completing** the course: No.  %

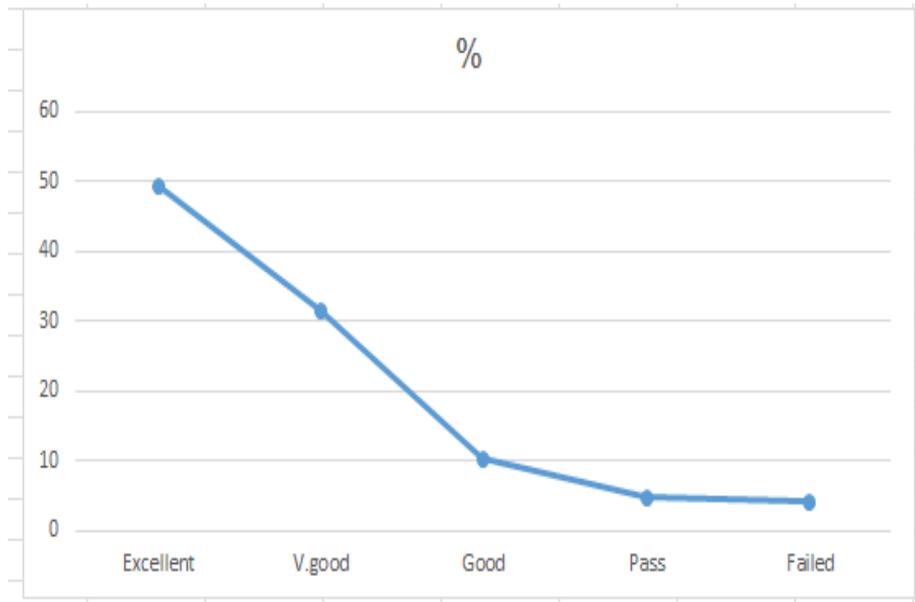
#### Results:

Passed: No. **204** %  Failed: **9** %   
No.

#### Grading of successful students:

Excellent: No.  %  Very Good:  %   
No.

Good : No.  %  Pass:  %   
No.



**C- Professional Information:**

**1 - Course teaching**

Topics actually taught	No. of hours	Lecturer
<b>Environmental health</b> (Air pollution, water sanitation, food poisoning, waste management, occupational diseases) <b>Nutrition &amp; malnutrition</b> <b>Immunization and vaccination programs</b>	14	Ass. Prof. Hisham Abdelmonem Abbas
<b>Epidemiology &amp; study design</b> Nosocomial <b>infections</b> <b>Bioterrorism</b> <b>family planning</b>	14	Dr. Momen Mohamoud

Topics taught as a percentage of the content specified:

>90%

\*\*\*\*

70-90%

<70%

Reasons in detail for not teaching any topic

child and mother health care programs  
 due to time constraints

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 assignment / homework	**

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

## 3- Student assessment:

Assessment method	Marks	Percentage
Final written exam (including questions on activity)	75	75%
Mid-term exam	10	10%
Oral exam	15	15%
<b>TOTAL</b>	100	100%

Members of examination committee:

### - Written exams preparation:

1. Ass. Prof. Hisham Abbas
2. Dr. momen mahmoud

### - Oral exam:

1. Prof. Mona Abdelmoneam
2. Prof. Dr/ Fathy Serry
3. Prof. Dr/ Hemmat Kamal
4. Prof. Ashraf Kadry
5. Prof Dr/ Ghada Hamed Shaker
6. Prof. Dr/Nehal Elsayed Youssef

- 7. Ass. Prof. Amira El-Ganiny
- 8. Ass. Prof. Hisham Abbas
- 9. 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

**6- Student evaluation of the course:**

<b>Student evaluation</b> (List any criticisms)	<b>Response of course team</b>
Students are generally satisfied about the course	

**7- Comments from external evaluator(s):**

- The course was well designed the
- ILOs were properly written
- Signatures were absent

**Response of course team**

The report will be signed by course coordinator

**8- Course enhancement:**

Progress on actions identified in the previous year's action plan: not applicable

**9- Action plan for academic year 2020- 2021**

<b>Actions required</b>	<b>Completion date</b>	<b>Person responsible</b>
Add some videos to help in understanding the information during lectures	2020-2021	Course team
Self learning through activities (internet research, writing	2020-2021	Course team

reports)		
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**Course coordinator:** Ass. Prof. Hisham Abbas

**Signature:**

**Date:** 25/2/2019

## **COURSE REPORT**

**Pharmaceutical**

**Biotechnology**

**Fourth level –Semester 7**

**2019-2020**

# Annual Course Report

**University:** Zagazig

**Faculty:** Pharmacy

**Department:** Microbiology and Immunology

## A – Basic Information:

**1. Title and Code:** Pharmaceutical Microbiology **code: PM 703**

**2. Program(s) on which this course is given:** bachelor of pharmacy, clinical pharmacy program.

**3. Year / Level of programs:** Fourth level (seventh semester)

**4. Units / Credit hours:**

<b>Lectures</b>	2 hrs.	<b>Practical sessions</b>	1 hrs.	<b>Total</b>	3 hrs.
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**5. Names of lecturers contributing to the delivery of the course:**

Prof. Dr. Ashraf Ahmed Kadry Yousef  
Ass. Prof. Amira Mohamed Ali Al-Ganiny

**6. Course coordinator:**

Prof. Dr. Ashraf Ahmed Kadry Yousef.

**7. External evaluator:**

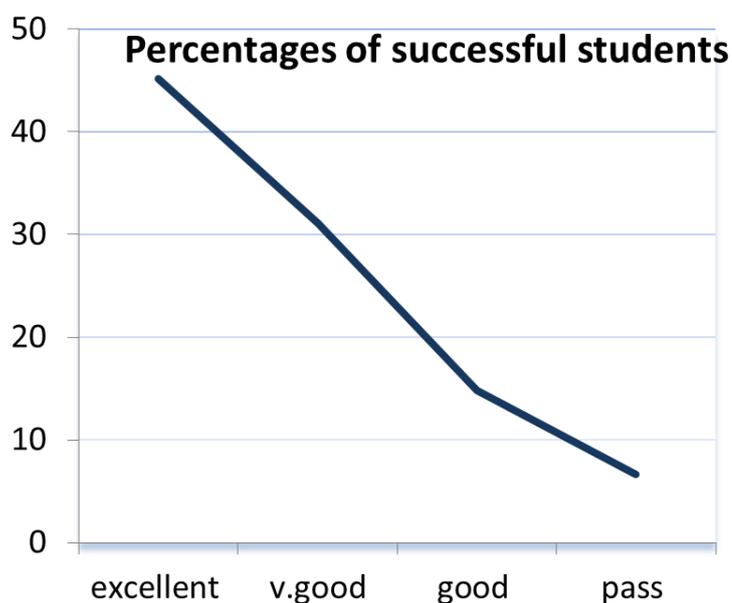
- Prof. Dr/Abdel Gawad Hashem

## B- Statistical Information:

<b>No. of students attending the course</b>	286	100 %
<b>No. of students completing the course</b>	286	100 %

<b>Results:</b>					
Passed	270	94.1 %	Failed	16	5.9 %
<b>Grading of successful students:</b>					
A	122	45.18 %			

B	84	31.11 %
C	40	14.8%
D	18	6.66%



### **C- Professional Information:**

#### **1- course teaching:**

<b>2- Topics actually taught</b>	<b>No. of hours</b>	<b>Lecturer</b>
Traditional biotechnology and its applications	12	<b>Prof. Dr/ Ashraf Kadry.</b>  <b>Ass. Prof. Amira El-Ganiny</b>
Gene cloning and recombinant DNA technology	8	
Production of human proteins Applications of recombinant DNA technology	4	
Important Molecular biology techniques PCR DNA sequencing DNA Microarray	4	

**Topics taught as a percentage of the content specified:**

>90 %      √                      70 – 90 %                      <70%

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

**3- Teaching and learning methods:**

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

- **If teaching and learning methods were used other than those specified, list and give reasons:**  
Discussion sessions are involved to develop the interaction between students and lecturer and illustrate the unclear issues.

**4- Student Assessment :**

Method of Assessment	Percentage of total %
Written examination	<b>50%</b>
Oral examination	<b>15%</b>
Practical / Laboratory work	<b>25%</b>
Midterm Exam	<b>10%</b>
Total	<b>100%</b>

**Members of examination committee:**

- **Prof. Dr/ Ashraf Ahmed Kadry Yousef.**
- **Ass. Prof. Amira Mohamed Ali Al-Ganiny**

**Oral exam**

- Prof.dr. Nehal elsaid
- Prof .dr. Ashraf kadry
- Prof .dr. Fathy serry
- Prof .dr. Mona abdelmonem
- Prof .dr .Amira El-Ganiny

#### 5- Facilities and Teaching Materials:

<b>Totally adequate</b>	
<b>Adequate to some extent</b>	√
<b>Inadequate</b>	

#### List any inadequacies:

- Insufficient Lab tools (Chemicals and kits)

#### 6- Administrative Constraints:

- No periodical maintenance for laboratory equipment

#### 6- Students evaluation of the course:

<b>Students evaluation of the course</b>	<b>Response of course team</b>
The students are satisfied about the course	

#### 7- Comments from external evaluator(s):

<b>Comments from external evaluator:</b>	<b>Response of course team</b>
The course content is suitable for the overall aims of the course	-

## 8- Course Enhancement:

Actions recommended from the most recent course report(s)	Actions Taken	Action Results	Action Analysis
Surprise quiz to encourage students to attend lectures regularly	Completed		
Self-learning through activities (group discussion, net research)	Completed		
Supply the lectures with computers and data show as interactive learning tool	Completed		

## 9- Action plan for academic year: 2020– 2021

Action required	Completion date	Person responsible
Self-learning through activities (group discussion, net research)	2020/2021	Course team
Surprise quiz to encourage students to attend lectures regularly	2020/2021	Course team
Addition of activities (5% from practical exam)	2020/2021	Course team

**Course Coordinator:** Prof. Dr. Ashraf Ahmed Kadry Yousef.

**Head of Department:** Prof. Dr. / Nehal Elsayed Youssef.

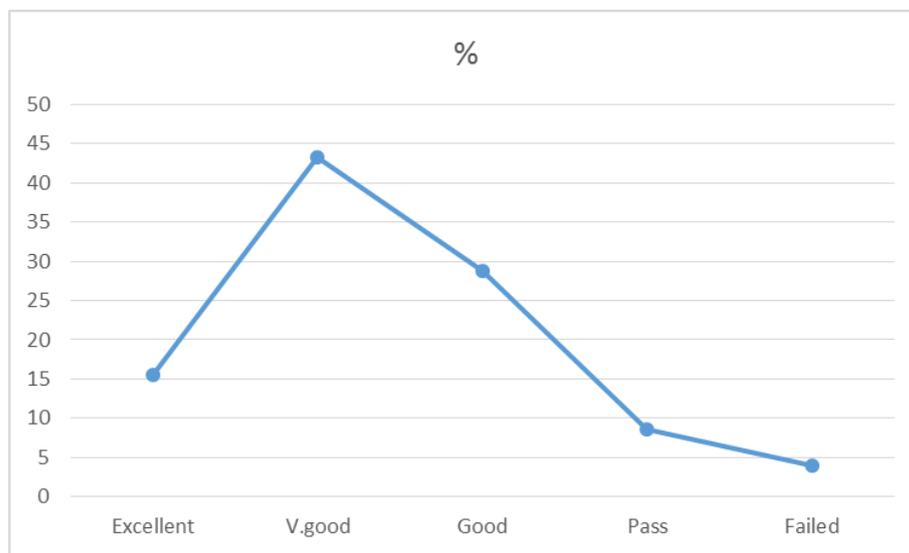
**Date:** / / تم مناقشة و اعتماد توصيف المقرر من مجلس القسم بتاريخ



**COURSE REPORT**  
**Pharmaceutical**  
**Microbiology**  
**Fourth level –Semester 7**  
**2018-2019**



B	120	43.2 %
C	80	28.8%
D	24	8.6 %
F	11	4 %



**C- Professional Information:**

**7- course teaching:**

Topics actually taught	No. of hours	Lecturer
Sterilization	9	Prof. Dr/ <b>Fathy Serry</b>
Disinfectants and antiseptics	8	Dr/ <b>Moemen Mahmoud</b>
Antimicrobial agents	9	Prof. Dr/ <b>Ghada Hamed Shaker</b>

**Topics taught as a percentage of the content specified:**

>90 %      ✓      70 – 90 %      <70%

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

## 8- Teaching and learning methods:

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

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

Discussion sessions to develop the interaction between students and lecturer and illustrate the unclear issues.

## 9- Student Assessment :

Method of Assessment	Percentage of total %
Written examination	<b>50%</b>
Oral examination	<b>15%</b>
Practical / Laboratory work	<b>25%</b>
Midterm Exam	<b>10%</b>
Total	<b>100%</b>

### Members of examination committee:

- Prof. Dr/ Fathy Serry.
- Prof.Dr/ Ghada Hamed Shaker .
- Dr/Moemen Mahmoud.

## 10- Facilities and Teaching Materials:

<b>Totally adequate</b>	
<b>Adequate to some extent</b>	√
<b>Inadequate</b>	

**List any inadequacies:**

- Inadequate ventilation and lightening system in lecture halls
- Insufficient Lab tools(Chemicals and microscopes)

#### 11- Administrative Constraints:

- Crowded schedule.
- No periodical maintenance for laboratory equipment

#### 6- Students evaluation of the course:

Students evaluation of the course	Response of course team
Inconvenient study hours. (63%)	Addressing faculty dean for students' affairs to extend library hours.

#### 7- Comments from external evaluator(s):

Comments from external evaluator:	Response of course team
The course content is suitable for the overall aims of the course	-

#### 8- Course Enhancement:

Action	State whether or not completed and give reasons for any non-completion
Surprise quiz to encourage students to attend lectures regularly	Completed
Self learning through activities (group discussion, net research)	Completed
Supply the laboratories with data show as interactive learning tool	Completed

#### 9- Action plan for academic year: 2020– 2021

<b>Action required</b>	<b>Completion date</b>	<b>Person responsible</b>
Self-learning through activities (group discussion, net research)	2020/2021	Course team
Surprise quiz to encourage students to attend lectures regularly	2020/2021	Course team
Addition of activities (5% from practical exam)	2020/2021	Course team

**Course Coordinator: Prof. Dr. / Fathy Serry**

**Head of Department: Prof. Dr. / Nehal Elsayed Youssef.**

**Date:** / / تم مناقشة و اعتماد توصيف المقرر من مجلس القسم بتاريخ