

# **COURSE REPORTS**

**Faculty of  
Pharmacy**

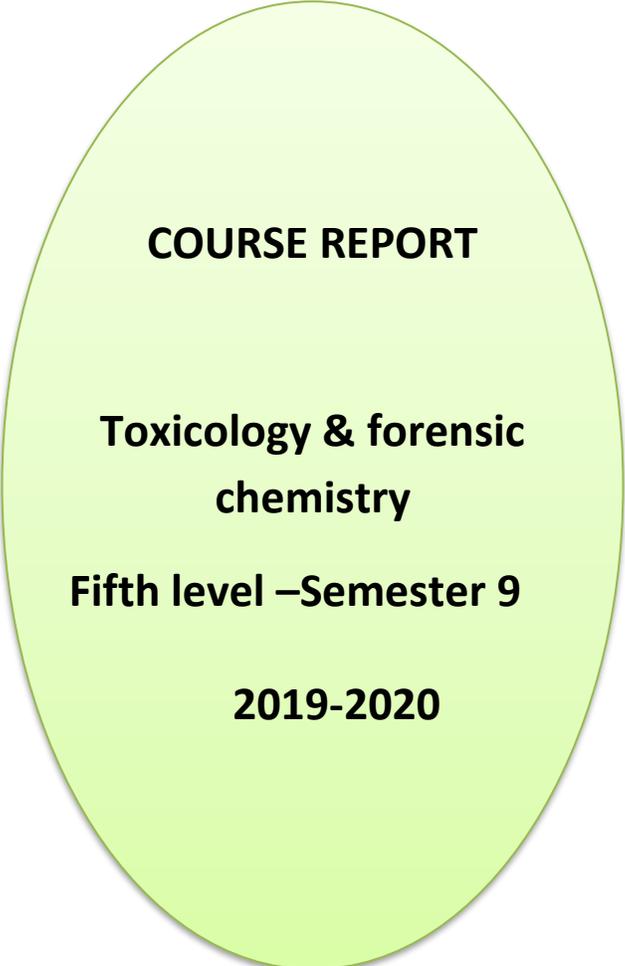
**(Clinical Pharmacy Program)**

**Fifth level – Semester 9**

# 2019-2020

## CONTENTS:

1. Toxicology and forensic chemistry .....
2. Therapeutics- 1.....
3. Clinical pharmacokinetics.....
4. Oncology .....
5. Clinical nutrition.....
6. Clinical pharmacology.....
7. Sociology.....
8. Quality Assurance and GMP.....



**COURSE REPORT**

**Toxicology & forensic  
chemistry**

**Fifth level –Semester 9**

**2019-2020**

## Annual Course Report

University: Zagazig      Faculty: Pharmacy      Department: pharmacology and toxicology

### Course Report

#### A- Basic Information

1. Title and code: Toxicology and forensic chemistry (PO 904)
2. Programme(s) on which this course is given: Bachelor of Pharmacy  
(Clinical Pharmacy)
3. Year/ Level of programme: Fifth level / semester 9
4. Units/Credit hours: .....

Lectures	<input type="text" value="2"/>	Tutorial/Practical	<input type="text" value="1"/>	Total	<input type="text" value="3"/>
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5. Names of lecturers contributing to the delivery of the course:

Ass.Prof.Dr. Waleed Barakat

Ass.Prof. Dr/ Shimaa Elshazly

Dr. Nesreen Mohammed Ibrahim

Course co-ordinator:

Ass.Prof.Dr. Waleed Barakat

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.  %

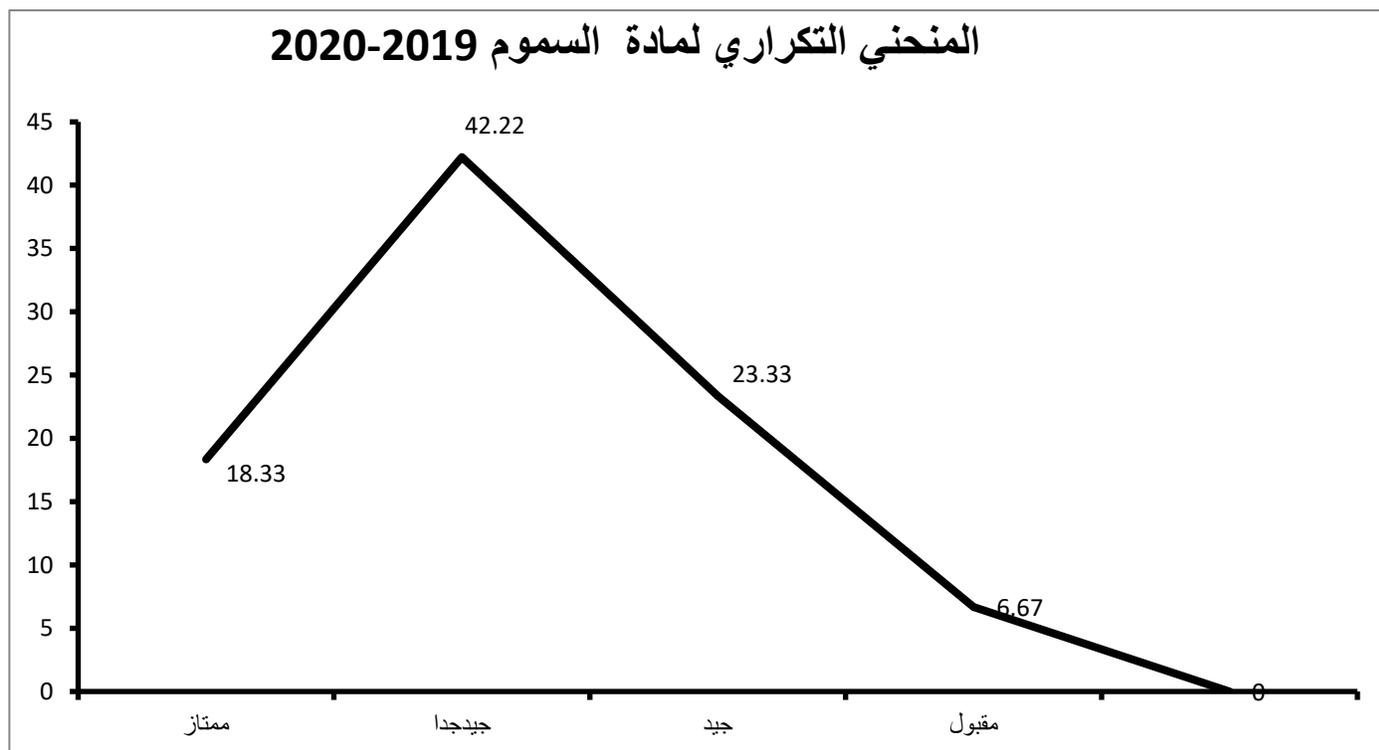
Grading of successful students:

Excellent: No.  %

Very Good: No.  %

Good : No.  %

Pass: No.  %



## C- Professional Information

### 1 - Course teaching

Topics actually taught	No. of hours	Lecturer
Introduction and general principles of toxicology	2	Ass.Prof.Dr. Waleed Barakat
Management of poisoning 1	2	
Management of poisoning 2	2	
Clinical toxicology of drug groups 1	2	Ass.Prof. Dr/ Shimaa Elshazly
Clinical toxicology of drug groups 2	2	
Clinical toxicology of drug groups 3	2	Dr. Nesreen Mohammed Ibrahim
Therapeutic regimens for important prevalent diseases 1 (pediatric and geriatric patients)	2	
Therapeutic regimens for important prevalent diseases 2 (pediatric and geriatric patients)	2	
Therapeutic regimens for important prevalent diseases 3 (pregnant and lactating mothers)	2	
Therapeutic regimens for important prevalent diseases 4 (immuno-compromised and patients with reduced organ function)	2	
Characteristics of certain therapeutic regimens.	2	

Forensic chemistry 1	2	
Forensic chemistry 2	2	
Revision& open discussion	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:

\*\*

Case Study:

\*\*

Other assignments/homework:

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

3- Student assessment:

Method of assessment

Percentage of total

Written examination	50%
Oral examination	15%
Practical/laboratory work	25%
Midterm exam	10%
Total	100%

Members of examination committee

Ass.Prof.Dr. Waleed Barakat

Ass.Prof. Dr/ Shimaa Elshazly

Dr. Nesreen Mohammed Ibrahim

#### 4- Facilities and teaching materials:

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

Lack of internet connections in labs.

#### 5- Administrative constraints

List any difficulties encountered

- No periodical maintenance for data show and computers, therefore they are usually impaired .

6- Student evaluation of the course: List any criticisms for the Lack of electronic sources for the course (53%)	Response of course team Providing the electronic source course
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7- Comments from external evaluator(s):  Course contents and course specification are suitable for pharmacy graduates.	Response of course team  -----
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8- Course enhancement:  
No action plan was written in the previous year.

9- Action plan for academic year 2020-2021

Actions required	Completion date	Person responsible
1- Providing students with electronic sources of the course	2021	Course team
2 -Using simulated video and computer aided learning in practical sessions	2021	Course team
3- Calling the library to save "Textbook of Modern Toxicology" as an important reference book.	2021	Course team
4- Activating the faculty council decision		

by adopting a new mechanism  
for oral exam and using balanced

question cards

2021

course team

Course coordinator: Ass.Prof.Dr. Waleed Barakat

Signature:

Date:            /    /



**COURSE REPORT**

**Therapeutics-1**

**Fifth level –Semester 9**

**2019-2020**

## Course Report of Therapeutics I 2019-2020

**University:** Zagazig    **Faculty:** Pharmacy    **Department:** Pharmacology and toxicology

### A- Basic Information:

- 1. Title and code:** Therapeutics I (PO 905)
- 2. Programme(s) on which this course is given:** Bachelor of pharmacy, Clinical Pharmacy Program
- 3. Year/ Level of programme:** Fifth level (Ninth semester)
- 4. Units/Credit hours:**

Lectures       Tutorial/Practical       Total

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

- Prof. Dr. Mona Fouad Mahmoud
- Ass.Prof .Dr/ Waleed Barakat

**6. Course coordinator:** Prof. Dr. Mona Fouad Mahmoud

**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:

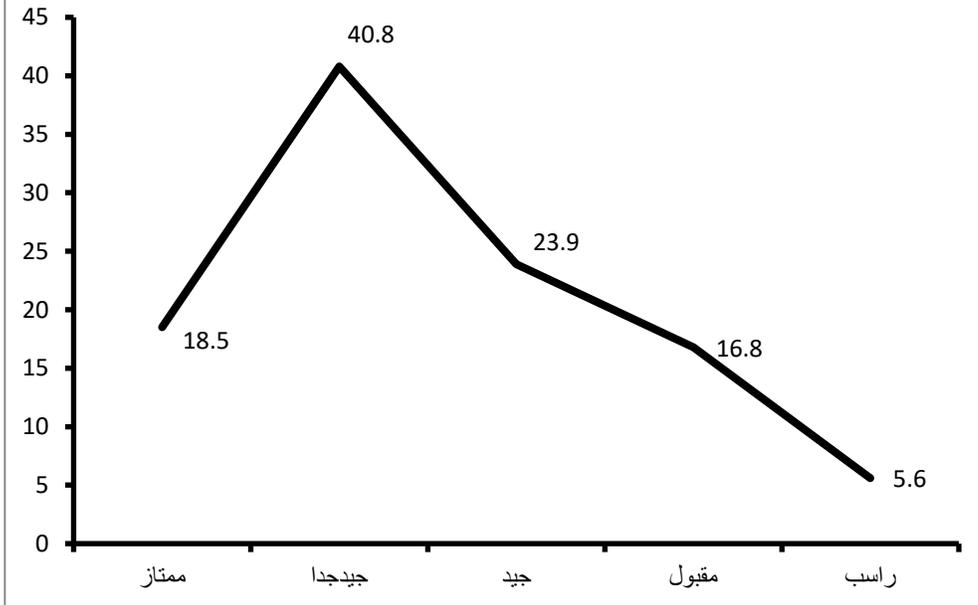
Passed:    No.  %94.4      Failed: No.     %

#### Grading of successful students:

Excellent: No.  %     Very Good:No.  %

Good :    No.  %     Pass: No.  %

المنحني التكراري لمادة علاجيات 1 - المستوى الخامس  
2019-2020



**C- Professional Information:**

**1 - Course teaching:**

Topics actually taught	No. of hours	Lecturer
Oncology supportive care	10	Prof. Dr. Mona Fouad Mahmoud
Rheumatoid arthritis	2	
Liver disorders	6	Assist. Prof. Dr. Waleed Barakat
Gout	2	
Osteoporosis	2	
Osteoarthritis	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:

Case Study:

Other assignments/homework:

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 self learning, reports, group discussion, 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- Course learning outcome assessment:

Assessment method	Marks	Percentage
Periodical exam	10	10%
Practical exam and lab activity	25	25%
Final written exam	50	50%
Oral exam	15	15%
<b>TOTAL</b>	100	100%

### Members of examination committee:

- Prof. Dr. Mona Fouad Mahmoud
- Assist. Prof. Dr. Waleed Barakat

### 4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies:

- Lack of internet connections in labs.

√

### 5- Administrative constraints:

List any difficulties encountered:

- Crowded laboratories
- Lack of specialized software
- Shortage of laboratory equipment
- No periodical maintenance for data show and computers.

### 6- Student evaluation of the course:

List any criticism	Response of course team
Deficiency of sources of the course (53%)	Addition of other sources in the course specification next year .
Lack of electronic sources for the course (50%)	Providing the electronic source for the course
Low correlation between course and market requirements (50%)	Addition of certain topics closely related to the pharmacy career.
Achievement of course ILOS (knowledge, intellectual skills) (50%)	Measuring achievement of course ILOS via blue print model

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

Comments	Response of course team
To be completed	-----

### 8- Course enhancement:

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
Providing students with additional sources of the course	Done	Improved student performance	Accepted action
Using additional learning and teaching methods such as discussion to encourage students	Done	Improved student performance	Accepted action

to interact effectively with lecturers.			
Activating the faculty council decision by adopting a new mechanism for oral exam and using balanced question cards	Partially done	Partial improvement	Needs follow-up
External examiner for evaluation of student during oral exam	Not done	No change	Needs follow-up with the administrative authorities
Measurement of ILOS of course	Partially done	Partial improvement	Needs follow-up

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

Action Plan for Next Semester/Year				
Actions Recommended for Further Improvement	Intended Action Points (should be measurable)	Start Date	Completion Date	Person Responsible
Using online teaching platforms	Number of sessions uploaded	2020	2021	Course team
Using balanced question cards for oral exam	Copy of cards	2020	2021	Course team
Inviting external examiner for evaluation of student during oral exam	Names of external evaluators	2020	2021	Course team
Measurement of ILOS of course	Analysis of ILOs	2020	2021	Course team

Course coordinator: Prof. Dr. Mona Fouad

Signature:

Date:            /    /



**COURSE REPORT**  
**Clinical Pharmacokinetics**  
**Fifth level –Semester 9**  
**2019-2020**

## Course Report of Clinical Pharmacokinetics

**University:** Zagazig      **Faculty:** Pharmacy      **Department:** Pharmacy practice

### A- Basic Information

1. Title and code: Clinical Pharmacokinetics (PP 907)
2. Programme(s) on which this course is given: Clinical pharmacy
3. Year/ Level of programme: 5<sup>th</sup> level (9<sup>th</sup> semester)
4. Units/Credit hours:

Lectures	<input type="text" value="2"/>	Tutorial/Practical	<input type="text" value="1"/>	Total	<input type="text" value="3"/>
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### 5. Names of lecturers contributing to the delivery of the course

Prof. Fakhar ElDin Ghazi

Assis Prof. Gehan Fathy Attia

Dr. Eman Gomaa

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.	<input type="text" value="180"/>	%	<input type="text" value="100"/>
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No. of students completing the course:	No.	<input type="text" value="179"/>	%	<input type="text" value="99.4"/>
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Results:

Clinical pharmacokinetics	
180	عدد الطلاب
0	الغائبون
1	الغائبون بعذر
0	المحرومون
1	لم يؤدوا الامتحان
179	أدوا الامتحان
179	نجاح التحريري
178	نجاح تحريري واعمال سنة
99%	نسبة النجاح بعد الجبر
<b>حالة الطالب</b>	
20	جيد جدا مرتفع
48	ممتاز منخفض
29	ممتاز
5	مقبول مرتفع
20	جيد جدا منخفض
5	جيد
42	جيد جدا
4	جيد مرتفع
3	مقبول
2	جيد منخفض
1	ضعيف
<b>النسبة المئوية</b>	
43%	ممتاز
45.8%	جيد جدا
6.14%	جيد
4.46%	مقبول
0.55%	ضعيف

## **C-Professional Information**

1 - Course teaching

Topics taught as a percentage of the content specified:

Lecture contents (2 hrs/lec.)	No of hours	Lecturer			
Basic concepts: ➤ Linear & nonlinear pharmacokinetics ➤ Clearance ➤ Volume of distribution ➤ Bioavailability	9 hours	Gehan Balata			
Drug dosing in special populations: renal and hepatic disease ➤ Dialysis ➤ heart failure ➤ obesity ➤ drug interactions					
TDM of Aminoglycosides clinical pharmacokinetics	9 hours	Eman Gomaa			
Digoxin clinical pharmacokinetics					
Phenytoin clinical pharmacokinetics					
Lithium clinical pharmacokinetics					
Phenobarbital clinical pharmacokinetics					
Clinical pharmacokinetics and concentration monitoring	9 hours	Prof. Fakhar Ghazi			
Application of pharmacokinetics in clinical situation					
Discussion of Research papers about pharmacokinetics of different drugs					
>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:	**
Case Study:	**

Other assignments/homework:

Students are asked to prepare a complete report about the pharmacokinetics and dose adjustment of a selected drug

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

- Problem solving
- Think-pair-share

## 3- Student assessment:

Assessment method	Marks	Percentage
Written exam	50	50%

<b>Practical exam &amp; activity report</b>	25	25%
<b>Oral exam</b>	15	15%
<b>Midterm exam</b>	10	10%
<b>TOTAL</b>	100	100%

Members of examination committee:

- Written exams preparation: Prof. Fakhar ghazi, Assis. Prof. Gehan Balata, Dr. Eman Gomaa

- Oral exam: Professors Fakhar Ghazi, Mahmoud Abd ElGhani, Hanan ElNahas, Nagia ElMegrab, Hanaa ElGhamri

Assis. Prof Gehan Balata, Azza Hassan, shereen sabri

Dr. noura gamal, Eman Gomaa, margrit

#### 4- Facilities and teaching materials:

Totally adequate

-

Adequate to some extent

\*\*

Inadequate

-

List any inadequacies

Improper sound system and internet connection in teaching classes

#### 5- Administrative constraints

No administrative constraints

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

Response of course team

List any criticisms

Students were satisfied about the course  
and exam questions  
No complaints received

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

- The course was well designed
- ILOs were properly written

**8- Course enhancement:**

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

Revise Students Notes	completed
Increase interactive learning	completed

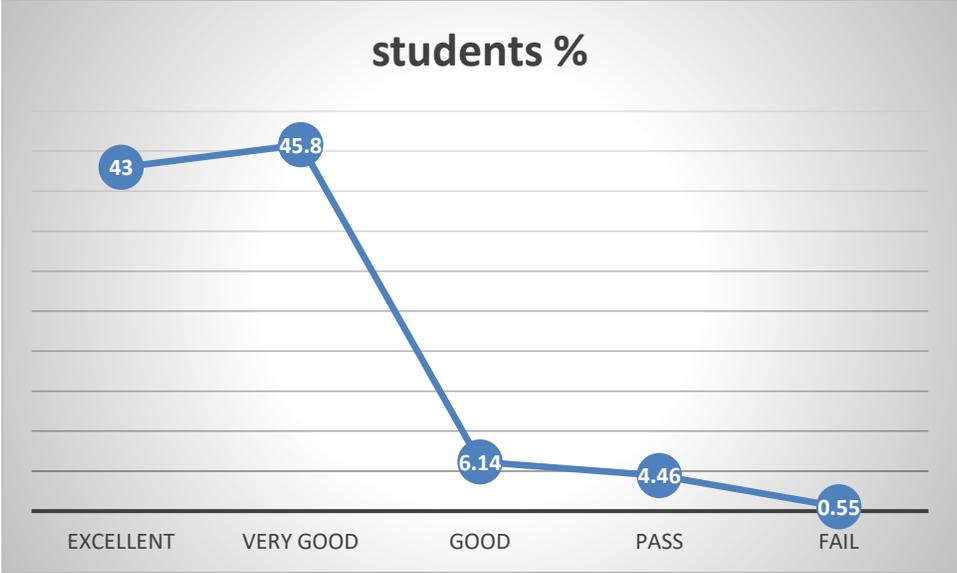
**9- Action plan for academic year 2020 – 2021:**

Actions required	Completion date	Person responsible
1- Revise Students Notes	Sep 2020	Course coordinator
2- Apply electronic practical exams	Sep 2020	Course team

Course coordinator:

Signature: Dr. Gehan Fathy

Date:                    /     /





**COURSE REPORT**

**Oncology**

**Fifth level –Semester 9**

**2019-2020**

## Annual Course Report of Oncology

University: Zagazig      Faculty: Pharmacy      Department: Clinical Oncology  
department Faculty of Medicine

### Course Report

#### A- Basic Information

1. Title and code: Oncology      PP 908
2. Programme(s) on which this course is given: Bachelor of Pharmacy  
(Clinical pharmacy )
3. Year/ Level of programme: Fifth year/Ninth semester
4. Units/Credit hours: .....

Lectures	2	Tutorial/Practical	1	Total	3
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5. Names of lecturers contributing to the delivery of the course:

**Prof. Dr. Maher Edarous**

**Prof. Dr. Seham Mohamed**

Course co-ordinator: **Prof. Dr. Maher Edarous**

External evaluator:

#### B- Statistical Information

No. of students attending the course:

No.  %

No. of students completing the course:

No.  %

Results:

Passed: No.  92.5%

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
- Introduction: definition and common terminology of oncology - Etiology and risk factors of cancer	2	<b>Prof. Dr. Maher Edarous</b>
- Oncogenesis: pathogenesis of cancer, cardinal features of cancer cell, metastatic cascade - Molecular biology of cancer	2	
- Clinical signs and symptoms of different types of cancer - Basics of cancer diagnosis and staging	2	
- Treatment of various tumor types: surgery, radiotherapy and chemotherapy - Supportive care therapies	2	<b>Prof. Dr. Maher Edarous</b>
- Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of breast cancer	2	
- Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of hematopoietic malignancies (leukemia and lymphoma)	2	<b>Prof. Dr. Seham Mohamed</b>
- Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of lung cancer	2	
- Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of GIT cancer	2	
- Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of gynecologic cancer	2	

- Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of urinary tract cancer	2	<b>Prof. Dr. Seham Mohamed</b>
- Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of neurological tumors	2	
- Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of pediatric tumors	2	
- Complications of cancer - Oncological emergencies	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:

Case Study:

Other assignments/homework:

If teaching and learning methods were used other than those specified,

list and give reasons: --

3- Student assessment:

Method of assessment	Percentage of total
Written examination	50%
Oral examination	15%
Practical/laboratory work	25%
Periodical	10%
Total	100%

Members of examination committee

**Prof. Dr. Maher Edarous**

**Prof. Dr. Seham Mohamed**

4- Facilities and teaching materials:

Totally adequate	<input type="text" value="√"/>
Adequate to some extent	<input type="text"/>
Inadequate	<input type="text" value="-"/>
List any inadequacies	<input type="text" value="-"/>

5- Administrative constraints

List any difficulties encountered

6- Student evaluation of the course: Response of course team  
List any criticisms  
Students were unsatisfied about the exam questions will be considered

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

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
Update of course content and references	completed

9- Action plan for academic year 2020 - 2021

Actions required	Completion date	Person responsible
Revision of course notes for any updates	Sep 2020	Course team
Addition of more case study for practice	Sep 2020	course team

Course coordinator: **Prof. Dr. Maher Edarous**

**Prof. Dr. Seham Mohamed**

Signature:

Date: / /





**COURSE REPORT**  
**Clinical nutrition**  
**Fifth level –Semester 9**  
**2019-2020**

## Annual Course Report

**University:** Zagazig

**Faculty:** Pharmacy

**Department:** Biochemistry

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### A – Basic Information:

- 1. Title and Code:** Clinical nutrition      **Code:** PP909
- 2. Program(s) on which this course is given:** bachelor of pharmacy, clinical pharmacy program.
- 3. Year / Level of programs:** fifth year / semester 9
- 4. Units / Credit hours:**-----

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

- Prof. Dr. Mohamed El Sweidy
- Prof. Dr. Hoda Elsayed
- Ass. prof. Nahla Nabil Younis

**6. Course coordinator:**

- Ass. prof. Nahla Nabil Younis

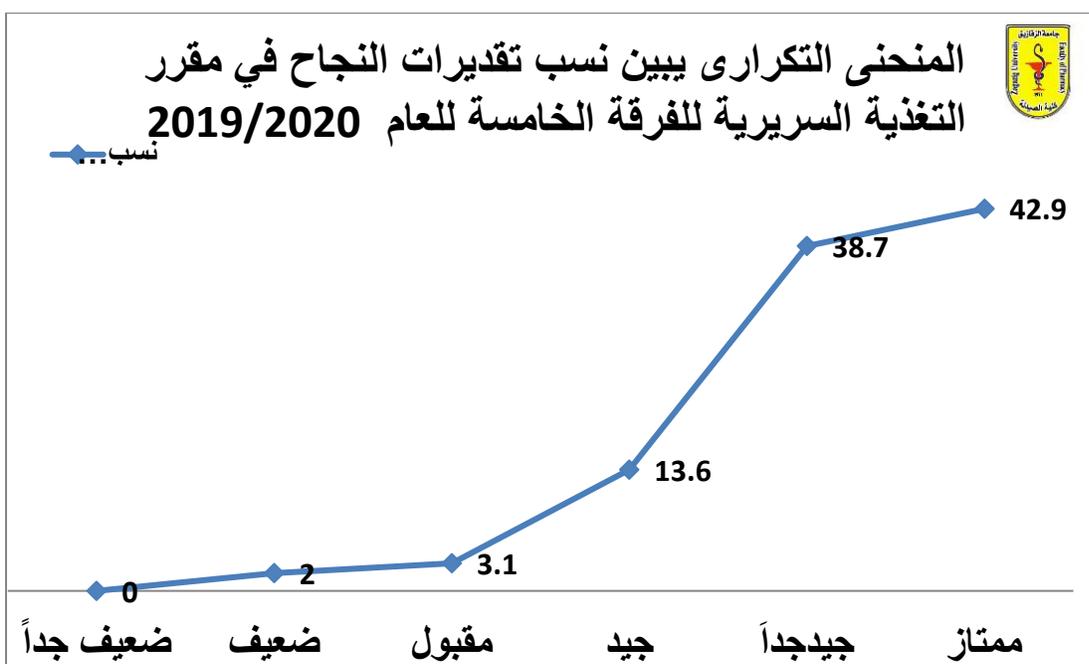
**7. External evaluators:**

- Prof. Dr. Mamdouh El-Sheshtawy

### B- Statistical Information:

<b>No. of students attending the course</b>	192	100%
<b>No. of students completing the course</b>	191	99.5%

Results:					
Passed	188	98.4%	Failed	4	2%
Excellent	82	42.9%	Very good	74	38.7%
Good	26	13.6%	pass	6	3.1%



### C- Professional Information:

#### 1- Course teaching:

Topic	No of hours	Lecturers
<p>Types of nutrients of balanced diet (macronutrients, micronutrients)</p> <p>-Energy requirement and energy expenditure</p> <p>- Diet and therapy</p> <p>- Nutritional assessment and food pyramids</p>	2	Ass. Prof. Nahla Nabil Younis
<p>- Obesity (Definition, assessment, factors affecting obesity)Management of obesity</p> <p>- Drugs of choice for treatment of obesity</p>	2	
<p>- Diabetes mellitus (DM), Nutrition therapy and recommendation for DM</p>	2	Prof. Dr. Hoda Elsayed
<p>Definition and types of cardiovascular diseases (CVD)</p> <p>- Risk factors for CVD</p> <p>- Drug of choice for treatment of CVD</p>	2	
Electrolytes and acid base balance	5	Prof. Dr. Mohamed El Swedy

Revision & open discussion	1	
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**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: ----  
-----**

**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:** 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 exam	10%
Total	100%

**Members of examination committee:**

- Prof. Dr. Mohamed El Sweidy
- Prof. Dr. Hoda Elsayed
- Ass. prof. Nahla Nabil Younis

**4- Facilities and Teaching Materials:**

Totally adequate	
Adequate to some extent	√
Inadequate	

**List any inadequacies:**

### 5- Administrative Constraints:

No administrative constraints

### 6- Students evaluation of the course:

Students evaluation of the course	Response of course team
The course content does not cover important nutritional topics.	New topics will be added.
The student book is not available at the beginning of the term.	The student book will be available from the beginning.
The topics in the book are not exactly matched with lectures	Topics will be matched as possible.
The course content should encourage thinking skills instead of dependent memorizing.	Holding open discussions between students to increase interaction.
Effective technological methods of learning should be used.	Technology already used in student's activity.
The course content should encourage self-learning skills of students.	Student activity already encourages self-learning skills.
The course content should be presented simply and clearly.	The course content will be presented simply.

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

Comments from external evaluator:	Response of course team
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<ul style="list-style-type: none"> <li>• Course contents are related to each other and cover important and basic subjects</li> <li>• The exam covers the course content and its important points.</li> </ul>	-----
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**8- Course Enhancement:**

Action	State whether or not completed and give reasons for any non completion
Improvement of the student book to be more attractive	Completed

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

Action required	Completion date	Person responsible
Focusing on active rather than passive teaching through case discussion	2020-2021	Course team
Measurement of ILOs of course.	2020-2021	Course team
Revision of the course and make any required updates in the content and references.	2020-2021	Course team

- **Course Co-ordinator:** Ass. prof. Nahla Nabil Younis

**Signature:**

**Date:** Course report is approved in department council on 24-2-2020

**COURSE REPORT**

**Clinical Pharmacology  
Fifth level –Semester 9**

**2019-2020**

## **Annual Course Report**

**University:** Zagazig

**Faculty:** Pharmacy

**Department:** Pharmacology and toxicology

### **A – Basic Information:**

**1- Title and Code:** Clinical Pharmacology

**PO 906**

**2- Program on which this course is given:** Bachelor of pharmacy, **Clinical Pharmacy Program**

**3- Year / Level of programs:** Fifth level (Ninth semester)

**4- Credit hours: 3 hrs.**

Lectures

Tutorial/Practical

Total

**5- Names of lecturers contributing to the delivery of the course:**

**Prof. Dr Mona Fouad Mahmoud**

**Dr. Islam Ahmed El-Azizy**

**6- Course coordinator:** Prof. Dr Mona Fouad Mahmoud.

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

## **B- Statistical Information:**

No. of students attending the course:	No. 191	100%
No. of students completing the course:	No. 189	98.95 %

<b>Results:</b>					
Passed	No.166	87.8 %	Failed	23	12.16 %

<b>Grading of successful students:</b>					
Excellent	No.16	9.64%	Very Good	No.77	46.39%
Good	No.47	28.31%	Pass	No.26	15.7%

المنحني التكراري لمادة الكلينيكال فارماكولوجي 2019-2020



## **C- Professional Information:**

### **1- Course Teaching:**

<b>Topics actually taught</b>	<b>No. of hours</b>	<b>Lecturer</b>
Introduction	2	<b>Prof. Dr. Mona Fouad Mahmoud</b>
Acute renal failure	2	
Drug induced renal damage	2	
Chronic kidney disease	2	
Renal replacement therapy	2	
Complications of kidney diseases	2	
Critical care	6	<b>Dr. Islam Ahmed ElAzizy</b>
Geriatrics and Pediatrics	6	

### **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: -----**

### **2- Teaching and learning Methods:**

<b>Lectures:</b>	√
<b>Practical training/laboratory:</b>	√
<b>Case study:</b>	√
<b>Class activity:</b>	√

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

Assessment method	Marks	Percentage
Mid-term exam	10	10%
Practical exams	25	25%
Oral exam	15	15%
Written exam	50	50%
<b>TOTAL</b>	100	100%

### Members of examination committee:

**Prof. Dr Mona Fouad Mahmoud**

**Dr. Islam Ahmed El-Azizy**

### 4- Facilities and Teaching Materials:

Totally adequate	
Adequate to some extent	√
Inadequate	

### 5- Administrative Constraints:

#### List any difficulties encountered:

- No periodical maintenance for data show and computers, therefore they are usually impaired.

#### List any inadequacies:

- Lack of internet connections in labs.

## 6- Students Evaluation of the Course:

Students evaluation of the course	Response of course team
<ul style="list-style-type: none"><li>- Course content is too much and not suitable for number of lectures.</li><li>- Questions of the exam are too difficult.</li><li>- The scientific content of the course is excellent and updated</li></ul>	<ul style="list-style-type: none"><li>- We will take this in consideration</li><li>- We do not think so, Results show normal distribution</li><li>- -----</li></ul>

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

Comments from external evaluator	Response of course team
Course aims are very clear and strongly linked to program ILOS. Course topics, teaching methods are new	-----

## 8- Course Enhancement:

Action required	State whether or not complete and give reasons for any non-completion
Activating the new evaluation methods by including oral exam & activities in the student assessment methods.	completed
Measurement of the course ILOS	completed
Continuous development of course content to cope with program ILOS and labour market needs.	continuous

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

Action required	Completion date	Person responsible
Continuous course revision and development	2020-2021	Course instructors

- **Course Coordinator: Prof. Dr/ Mona Fouad Mahmoud**
- **Head of department: Prof. Dr/ Mona Fouad Mahmoud**

**Signature:**

**Date:** --/--/2020



**COURSE REPORT**

**Sociology**

**Fifth level –Semester 9**

**2019-2020**

**COURSE REPORT**

**Quality Assurance and  
GMP**

**Fifth level –Semester 10**

**2019-2020**

## Annual Course Report

**University:**Zagazig

**Faculty:** Pharmacy

**Department:** Pharmaceutics

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### A – Basic Information:

- **Title and Code:** Quality Assurances and GMP (PT E10)
- **Program(s) on which this course is given:** Bachelor of pharmacy , clinical pharmacy
- **Year / Level of programs:** Fifth year (Ninth semester)
- **Units / Credit hours:** 3 hrs/week

<b>Lectures</b>	2 hrs.	<b>Practical sessions</b>	1 hr.	<b>Total</b>	3 hrs.
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- **Names of lecturers contributing to the delivery of the course:**
  - Prof. Dr. Mahmoud Abd El-Ghany
  - Dr. Noura Gamal Eissa
  - Dr. Margrit Mikhaeil
- **Course coordinator:**
  - Prof. Dr. Mahmoud Abd El-Ghany
- **External evaluators:**
  - Prof. Dr. Mahrous Osman (Assuit University)

### B- Statistical Information:

<b>No. of students attending the course</b>	151	100%
<b>No. of students completing the course</b>	150	99.33%

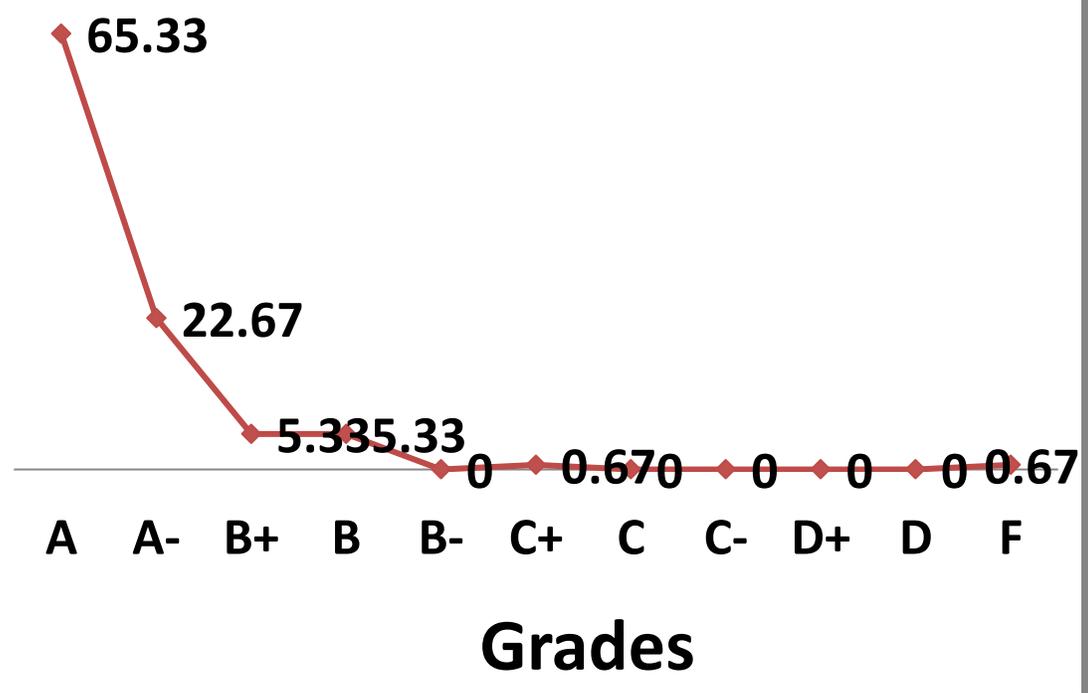
<b>Results:</b>					
<b>Passed</b>	150	99.30%	<b>Failed</b>	1	0.66%

**Grading of successful students:**

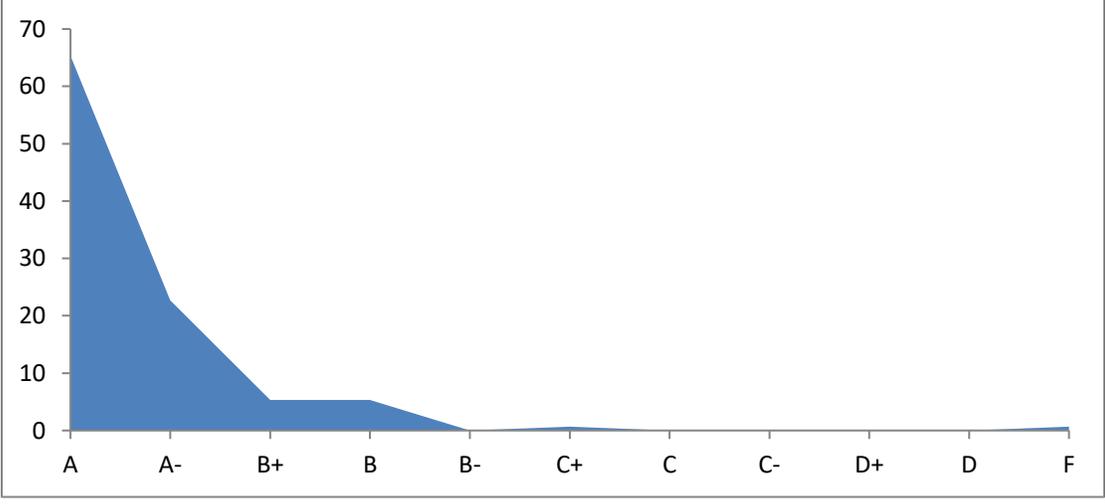
<b>Grade</b>	<b>Student Number</b>	<b>Percent</b>
A	98	65.33
A <sup>-</sup>	34	22.67
B <sup>+</sup>	8	5.33
B	8	5.33
B <sup>-</sup>	0	0
C <sup>+</sup>	1	0.67
C	0	0
C <sup>-</sup>	0	0
D <sup>+</sup>	0	0
D	0	0
F	1	0.67



**Histogram of student grades (%) in GMP and Quality control (PT E10) Clinical Pharmacy program (2019-2020)**



**Histogram of student grades (%) in GMP and Quality control (PT E10) Clinical Pharmacy program (2019/2020)**



### C- Professional Information:

#### 1-Course teaching:

Topic	No of hours	Lecturers
Pharmaceutical History	2	Prof. Dr. Mahmoud Abd El- Ghany
Good Manufacturing Practice	2	
History of GMP	2	
production	2	
Quality Control	2	
Warehouse	2	Dr. Noura Gamal Eissa
Ware house	2	
Quality assurance	2	
Key personnel	2	
Documentation	2	
Personnel hygiene	2	

Personnel training	2	Dr. Margrit Mikhaeil
Self inspection, qualification and validation	2	
Complaints, Recalls and Product quality review	2	
Therapeutic Goods Regulators	2	

**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: ----  
-----**

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

### 3-Student Assessment:

Assessment task	Week due	Proportion of total assessment
<b>Assessment (1):</b> Written exam	Week 15	50%
<b>Assessment (2):</b> Practical exam	Week 12, 13	25%
<b>Assessment (3):</b> periodical exam	Week 8	10%
<b>Assessment (4):</b> Oral exam	Week 15	15%
<b>Total</b>		100%

### Members of examination committee:

- Prof. Dr. Mahmoud Abd El-Ghany
- Dr. Noura Gamal Eissa
- Dr. Margrit Mikhaeil

### 4-Facilities and Teaching Materials:

Totally adequate	
Adequate to some extent	√
Inadequate	

**List any inadequacies:**

.....

**5- Administrative Constraints:**

- Crowded schedule .

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

<b>Comments</b>	<b>Response of course team</b>
- The reports needs some revisions and careful writing.	- The reports will be revised and written carefully.

**7- Course Enhancement:**

<b>Action required</b>	<b>State whether or not complete and give reasons for any non completion</b>
a. External examiner for evaluation of the student during oral exam	Not completed

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

<b>Action required</b>	<b>Completion date</b>	<b>Person responsible</b>
External examiner for evaluation of student during oral exam	2020/2021	- Faculty vice dean for education and student affairs

**Course Co-ordinators:**

- Prof. Dr. Mahmoud Abd El-Ghany

**Signature:**

**Date:** Course report is approved on