

COURSE REPORTS

Faculty of Pharmacy

(Clinical Pharmacy Program)

Fifth level – Semester 9

2018-2019

CONTENTS:

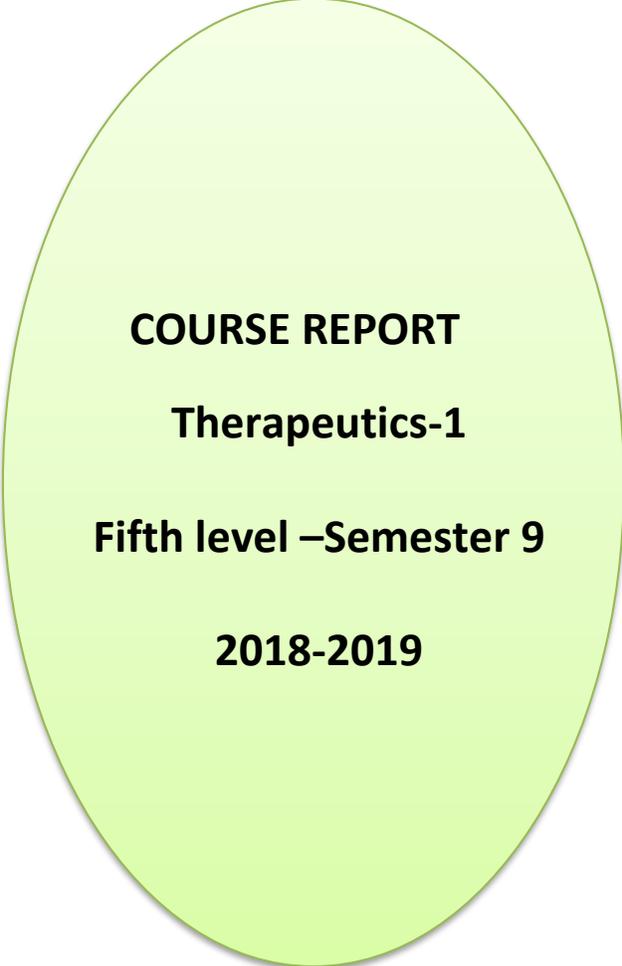
- 1. Toxicology and forensic chemistry.....**
- 2. Therapeutics- 1.....**
- 3. Clinical pharmacokinetics.....**
- 4. Oncology**
- 5. Clinical nutrition.....**
- 6. Clinical pharmacology.....**
- 7. Sociology.....**
- 8. Quality Assurance and GMP.....**

COURSE REPORT

**Toxicology & forensic
chemistry**

Fifth level –Semester 9

2018-2019



COURSE REPORT

Therapeutics-1

Fifth level –Semester 9

2018-2019

Course Report of Therapeutics-1 2018-2019

University: Zagazig

Faculty: Pharmacy

Department: Pharmacology and Toxicology

A- Basic Information:

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

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/ Naglaa Zakria

B- Statistical Information:

No. of students attending the course:	No. <input type="text" value="200"/>	% <input type="text" value="100"/>
No. of students completing the course:	No. <input type="text" value="195"/>	% <input type="text" value="97.5"/>

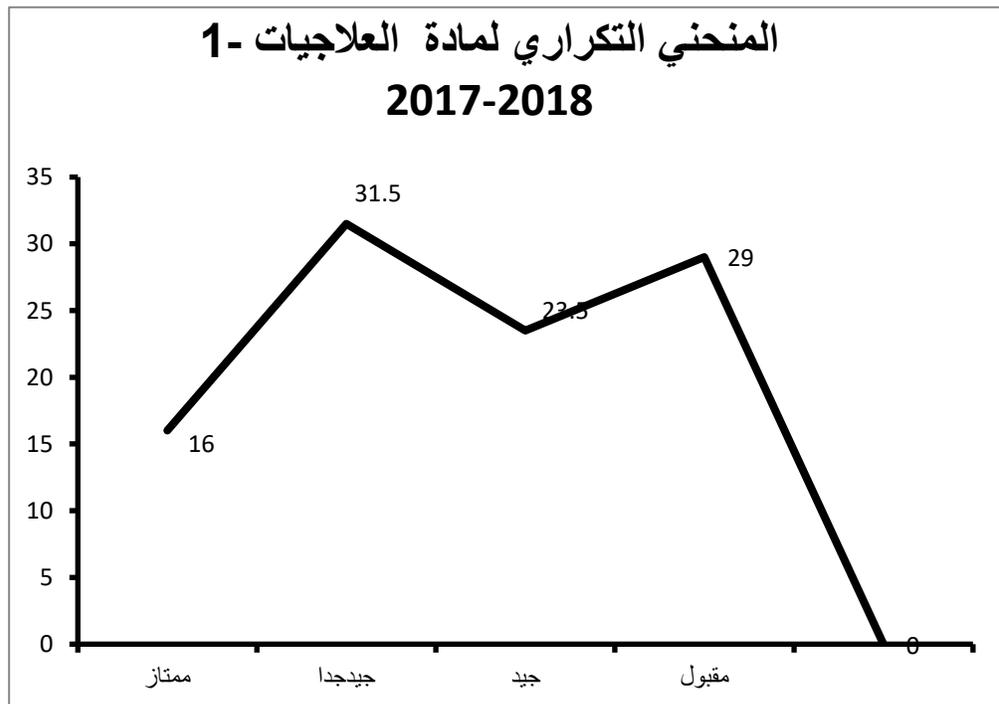
Results:

Passed: No. 164 % 82 Failed: No. 36 % 18

Grading of successful students:

Excellent: No. 32 % 16 Very Good: 63 % 31.5
No.

Good : No. 47 % 23.5 Pass: 58 % 29
No.



C- Professional Information:

1 - Course teaching:

Topics actually taught	No. of hours	Lecturer
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Liver disorders	2	Prof. Dr. Mona Fouad
Liver disorders	2	
Liver disorders	2	
Menstrual disorders	2	
Menstrual disorders	2	
Menstrual disorders	2	
Pediatrics (sepsis and meningitis, RSV, AOM)	2	Dr. Islam Ahmed El-Azizy
Pediatrics (Vaccinations and ADHD)	2	
GIT disorders (GERD)	2	
GIT disorders (Peptic Ulcer)	2	
GIT disorders (Upper GI bleeding)	2	
GIT disorders (IBD)	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="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: 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- Student assessment:

Assessment method	Percentage
Final written exam	50%
Midterm exam	10%
Oral exam	15%
Practical exam and lab activity	25%
TOTAL	100%

Members of examination committee:

- Prof. Dr. Mona Fouad.
- Dr. Islam Ahmed Elazizy.

4- Facilities and teaching materials:

Totally adequate	<input type="checkbox"/>
Adequate to some extent	<input type="checkbox" value="√"/>

Inadequate

List any inadequacies:

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 criticism	Response of course team
Students were satisfied about the course	-----

7- Comments from external evaluator(s):

Comments	Response of course team
Course aims are very clear and strongly linked to program ILOS Course topics. Teaching methods are new	-----

8- Course enhancement:

No action plan of previous year.

2. Action Plan for Next Semester/Year

Actions Recommended for Further Improvement	Intended Action Points (should be measurable)	Start Date	Completion Date	Person Responsible
Revision of course content for any required updates		2018-2019	2019-2020	Course team

Signature:

Date: / /



COURSE REPORT
Clinical Pharmacokinetics
Fifth level –Semester 9
2018-2019

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: 5th level (9th 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

i Assis Prof. Gehan Fathy Attia

ii Dr. Mohamed Wali

ii 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. %

No. of students completing the course: No. %

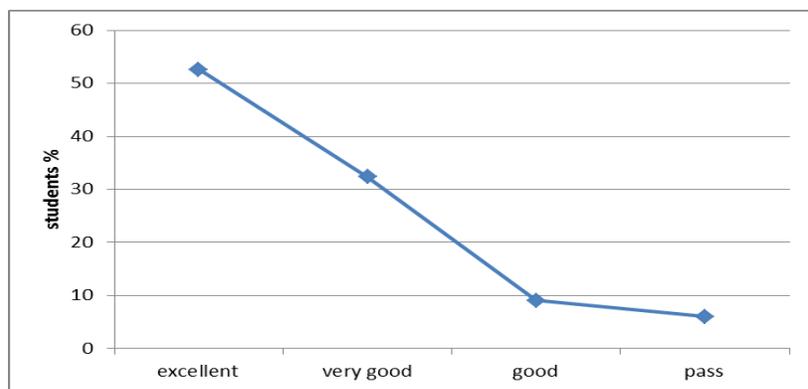
Results:

Passed: No. % Failed: No. %

Grading of successful students:

Excellent: No. % Very Good: %
No.

Good : No. % Pass: %
No.



C- Professional Information

1 - Course teaching

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		
Aminoglycosides clinical pharmacokinetics	9 hours	Eman Gomaa
Digoxin clinical pharmacokinetics		
Theophylline clinical pharmacokinetics		
Phenytoin clinical pharmacokinetics	9 hours	Mohamed Wali
Lithium clinical pharmacokinetics		
Phenobarbital clinical pharmacokinetics		

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:

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%
Practical exam & activity report	25	25%
Oral exam	15	15%
Midterm exam	10	10%
TOTAL	100	100%

Members of examination committee:

- Written exams preparation: Assis. Prof. Gehan Balata, Dr. Mohamad Wali, Eman Gomaa

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

Assis. Prof Gehan Balata, Azza Hassan

Dr. Mohamad Wali, Eman Gomaa

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
- Signatures were absent
- Balanced exam questions

The report will be signed by the
course coordinator

8- Course enhancement:

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

The course was previously taught by pharmacology department

9- Action plan for academic year 2019 – 2020:

Actions required	Completion date	Person responsible
1- Revise Students Notes	Sep 2019	Course coordinator
2- Depend more on interactive Learning rather than passive teaching	Sep 2019	Course team

Course coordinator:

Signature: Dr. Gehan Fathy

Date: / /

COURSE REPORT

Oncology

Fifth level –Semester 9

2018-2019

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 level /Ninth 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. 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. %

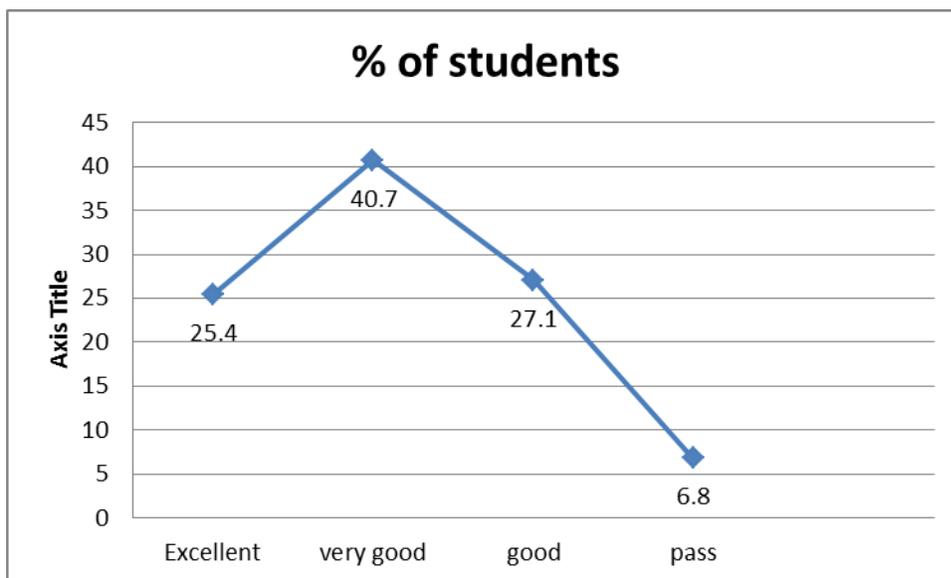
Results:

Passed: No. 95% 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
<ul style="list-style-type: none"> - Introduction: definition and common terminology of oncology - Etiology and risk factors of cancer 		Prof. Dr. Maher Edarous
<ul style="list-style-type: none"> - Oncogenesis: pathogenesis of cancer, cardinal features of cancer cell, metastatic cascade - Molecular biology of cancer 		
<ul style="list-style-type: none"> - Clinical signs and symptoms of different types of cancer - Basics of cancer diagnosis and staging 		
<ul style="list-style-type: none"> - Treatment of various tumor types: surgery, radiotherapy and chemotherapy - Supportive care therapies 		Prof. Dr. Maher Edarous
<ul style="list-style-type: none"> - Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of breast cancer 		
<ul style="list-style-type: none"> - Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of hematopoietic malignancies (leukemia and lymphoma) 		Prof. Dr. Seham Mohamed
<ul style="list-style-type: none"> - Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of lung cancer 		
<ul style="list-style-type: none"> - Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of GIT cancer 		
<ul style="list-style-type: none"> - Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of gynecologic cancer 		
<ul style="list-style-type: none"> - Epidemiology, risk factors, pathology, clinical presentation, 		
		Prof. Dr. Seham

prognostic factors, diagnosis, staging and treatment of urinary tract cancer		Mohamed
- Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of neurological tumors		
- Epidemiology, risk factors, pathology, clinical presentation, prognostic factors, diagnosis, staging and treatment of pediatric tumors		
- Complications of cancer - Oncological emergencies		

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

No administrative constraints

6- Student evaluation of the course:

Response of course team

List any criticisms

Students were satisfied about the course

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
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Revision of course content	completed
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9- Action plan for academic year 2019 - 2020

Actions required	Completion date	Person responsible
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Revision of course content	2019-2020	course team
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For any updates

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

Prof. Dr. Seham Mohamed

Signature:

Date: / /



COURSE REPORT

Clinical nutrition

Fifth level –Semester 9

2018-2019

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Biochemistry

A – Basic Information:

1. **Title and Code:** Clinical nutrition **Code:** PP909

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

(Clinical Pharmacy Program)

2. **Year / Level of programs:** fifth level / semester 9

3. **Units / Credit hours:**-----

Lectures	1 hrs.	Practical sessions	1 hrs.	Total	2 hrs.
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4. **Names of lecturers contributing to the delivery of the course:**

- Prof. Dr. Mohamed El Swedy
- Prof. Dr. Mervat Askar
- Prof. Dr. Sousou Ibrahim

5. **Course coordinator:**

Prof. Dr. Sousou Ibrahim

6. **External evaluators:**

- Prof. Dr. Nahla Elashmawy (Tanta University)

B- Statistical Information:

No. of students attending the course	191	100%
No. of students completing the course	189	98.9%

Results:					
Passed	182	96%	Failed	7	4%
Excellent	85	46.7%	Very good	59	32.4%
Good	30	50%	pass	8	4.4%

C- Professional Information:

1- Course teaching:

Topic	No of hours	Lecturers
Types of nutrients of balanced diet (macronutrients, micronutrients) -Energy requirement and energy expenditure - Diet and therapy - Nutritional assessment and food pyramids	2	<ul style="list-style-type: none"> • Prof. Dr. Sousou Ibrahim
- Obesity (Definition, assessment, factors affecting obesity)Management of obesity - Drugs of choice for treatment of	2	

obesity		
- Diabetes mellitus (DM), Nutrition therapy and recommendation for DM	2	• Prof. Dr. Mervat Askar
Definition and types of cardiovascular diseases (CVD) - Risk factors for CVD - Drug of choice for treatment of CVD	2	
Electrolytes and acid base balance	5	• Prof. Dr. Mohamed El Swedy

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	√
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 Swedy
- Prof. Dr. Mervat Askar
- Prof. Dr. Sousou Ibrahim

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: under processing

Students evaluation of the course	Response of course team

7- Comments from external evaluator(s):

Comments from external evaluator:	Response of course team
-Course specification of clinical nutrition was presented in a clear & simplified form. Its matrix joins the overall aim of the course with that of the program &NARS.	-----

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 2019– 2020:

Action required	Completion date	Person responsible
External examiner for evaluation of student during oral exam.	2019-2020	Vice dean and the department
Measurement of ILOs of course.	2019-2020	Course team
Revising the course and making any required updates in content and references.	2019-2020	Course team

Course Coordinator: Prof. Dr. Sousou Ibrahim

Signature:

Date: Course report is approved in department council on 23-9-2019



COURSE REPORT

**Clinical Pharmacology
Fifth level –Semester 9**

2018-2019

Course Report of Clinical Pharmacology

University: Zagazig

Faculty: Pharmacy

Department: Pharmacology and Toxicology.

A- Basic Information:

1. Title and code: Clinical Pharmacology (PO 906)
2. Programme(s) on which this course is given: Bachelor of Pharmacy (Clinical pharmacy)
3. Year/ Level of programme: Fifth level (Ninth semester)
4. Units/Credit hours: 3 hrs

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. 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.	<input type="text" value="205"/>	%	<input type="text" value="100"/>
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No. of students completing the course:	No.	<input type="text" value="199"/>	%	<input type="text" value="97.07"/>
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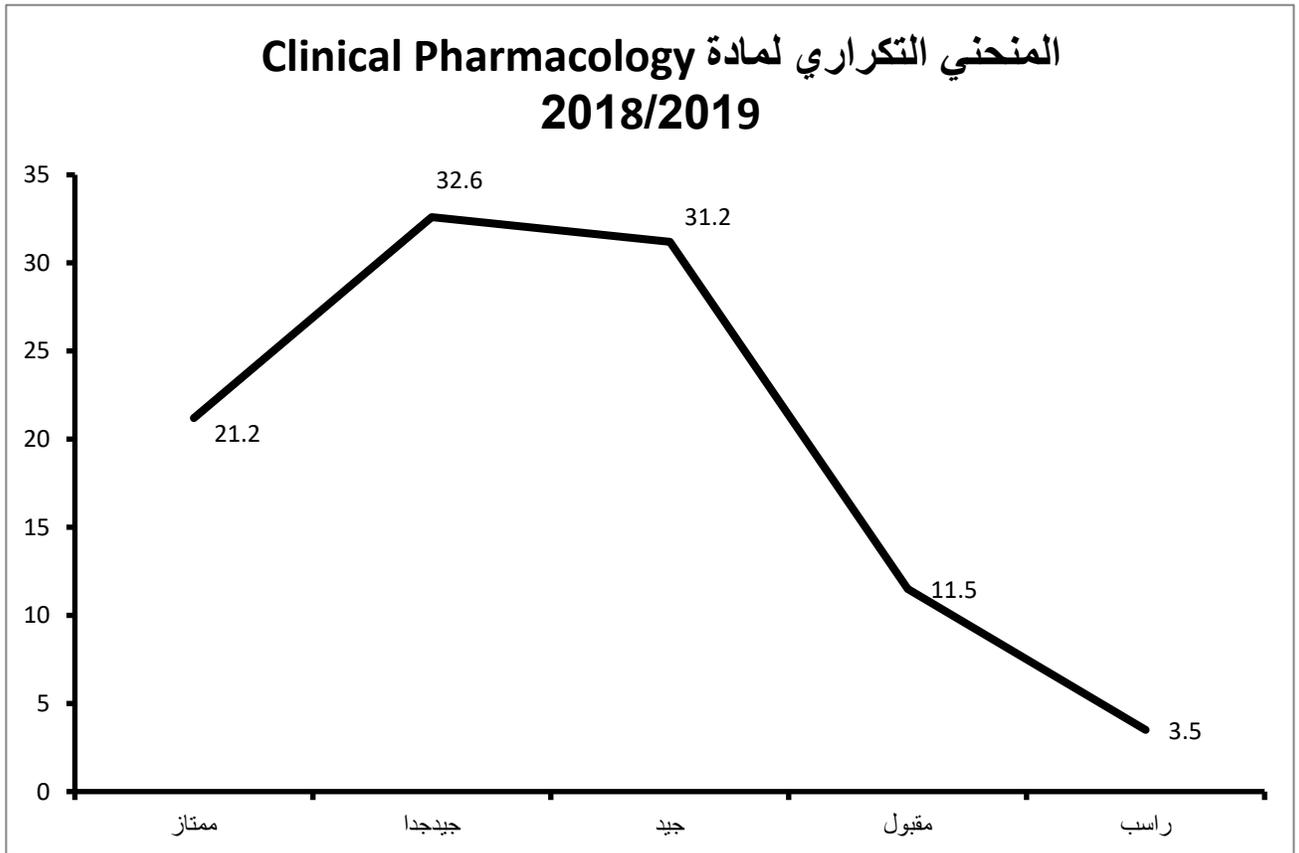
Results:

Passed:192	No.	<input type="text" value="96.48"/>	%	Failed:	<input type="text" value="7"/>	%	<input type="text" value="3.52"/>
				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
Critical care (Shock, acid base disturbances)	2	Dr. Islam Ahmed El-Azizy
Critical care (Cardiac arrest, pain, sedation)	2	
Critical care (stress ulcer, VTE, Nutrition, ICH)	2	
Geriatrics (introduction and dementia)	2	
Geriatrics (Urinary incontinence, BPH)	2	
Geriatrics (Osteoarthritis and RA)	2	
Nephrology (acute kidney injury),	2	Prof. Dr. Mona Fouad
Nephrology (acute kidney injury)	2	
Nephrology (chronic kidney diseases)	2	
Nephrology (chronic kidney diseases)	2	
Nephrology (drug induced kidney injury)	2	
Nephrology (complications of CKD)	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="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: 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- Student assessment:

Assessment method	Percentage
Final written exam	50%
Midterm exam	10%
Oral exam	15%
Practical exam and lab activity	25%
TOTAL	100%

Members of examination committee:

- Prof. Dr. Mona Fouad.
- Dr. Islam Ahmed Elazizy.

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies:

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 criticism	Response of course team
Students were satisfied about the course	-----

7- Comments from external evaluator(s):

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

8- Course enhancement:

1. Progress on actions proposed for improving the course in previous reports (if any)			
Actions Recommended from the most recent course report	Actions Taken	Action results	Action Analysis

Activating the faculty council decision by adopting a new mechanism for oral exam and using balanced question cards	Partially completed		
External examiner for evaluation of student during oral exam	Not 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
Revision of course content for any required updates		2019	2020	Course team
External examiner for evaluation of student during oral exam		2019	2020	Faculty vice dean for education and student affairs - Course team

Signature:

Date: / /

COURSE REPORT

Sociology

Fifth level –Semester 9

2018-2019

Annual Course Report of Sociology

University: Zagazig Faculty: Pharmacy Department: Sociology dept. Faculty of Art

Course Report

A- Basic Information

1. Title and code: Sociology HU903
2. Programme(s) on which this course is given: Bachelor of Pharmacy (Clinical pharmacy)
3. Year/ Level of programme: Fifth level/ninth semester
4. Units/Credit hours:

Lectures	<input type="text" value="1"/>	Tutorial/Practical	<input type="text" value="0"/>	Total	<input type="text" value="1"/>
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5. Names of lecturers contributing to the delivery of the course:

Prof. Dr. Hamid Abdou Alhady (Faculty of Art)

Prof. Dr. Atef Mohamed Shehata (Faculty of Art)

Course co-ordinator: Prof. Dr. Hamid Abdou Alhady (Faculty of Art)

External evaluator:

B- Statistical Information

No. of students attending the course: No. %

No. of students completing the course: No. %

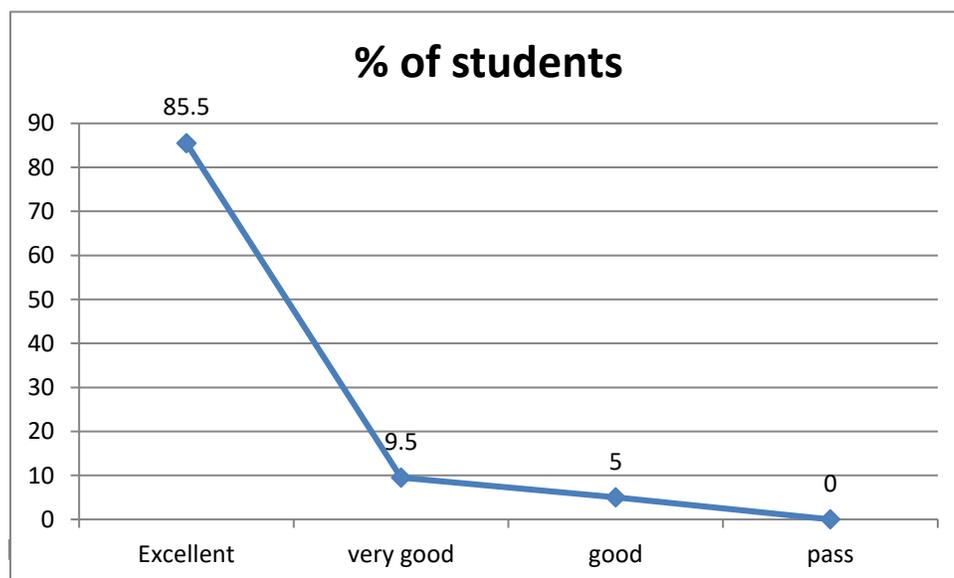
Results:

Passed: No. 98.9% 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
- What is sociology?		Prof. Dr. Hamid Abdou Alhady
- Basic concepts of sociology		
- Social system and culture		
- Social interaction and status		Prof. Dr. Hamid Abdou Alhady
- Social Processes		
- Socialization, conflict, competition and cooperation		Prof. Dr. Atef Mohamed Shehata
- Culture		
- Personality		
- Social groups and classes		
- Social changes		Prof. Dr. Atef Mohamed Shehata
- Social stability		
- Communication		

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 checked="" type="checkbox"/>
Practical training/ laboratory:	<input type="checkbox"/>
Seminar/Workshop:	<input type="checkbox"/>
Class activity:	<input type="checkbox"/>
Case Study:	<input type="checkbox"/>

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	90%
Oral examination	
Practical/laboratory work	
Other assignments/periodical	10%
Total	100%

Members of examination committee

Prof. Dr. Hamid Abdou Alhady

Prof. Dr. Atef Mohamed Shehata

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

5- Administrative constraints

No administrative constraints

6- Student evaluation of the course:

Response of course team

Students were satisfied about the course

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

Revision of course content

completed

9- Action plan for academic year 2019 - 2020

Actions required	Completion date	Person responsible
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Revision of course content	2019-2020	course team
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For any updates

Course coordinator: Prof. Dr. Hamid Abdou Alhady

Signature:

Date: /9 /2019

COURSE REPORT

**Quality Assurance and
GMP**

Fifth level –Semester 10

2018-2019

Annual Course Report

University:Zagazig

Faculty: Pharmacy

Department: Pharmaceutics

A – Basic Information:

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

Lectures	2 hrs.	Practical sessions	1 hr.	Total	3 hrs.
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- **Names of lecturers contributing to the delivery of the course:**

- Prof. Dr. Mahmoud Abd El-Ghany
- Prof. Dr. Hana Elgamrey

- **Course coordinator:**

- Prof. Dr. Mahmoud Abd El-Ghany

- **External evaluators:**

- Prof. Dr. Mahrous Osman (Assuit University)

B- Statistical Information:

No. of students attending the course	108	100 %
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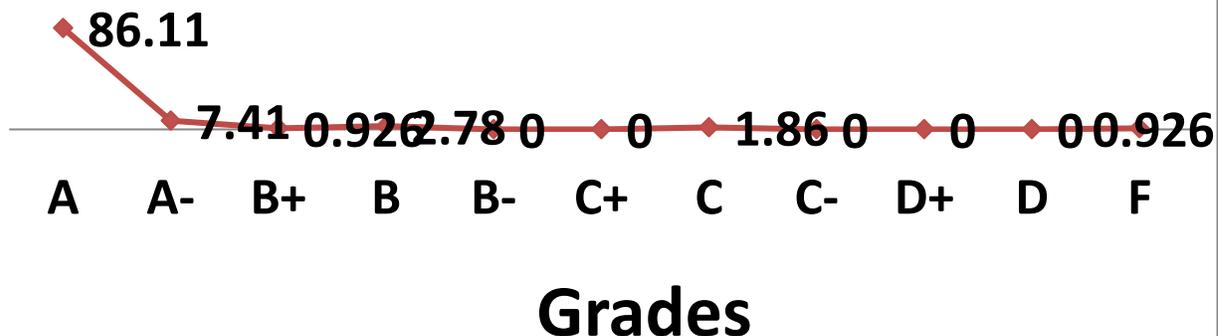
No. of students completing the course	108	100 %
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Results:					
Passed	107	99.07%	Failed	1	0.93%

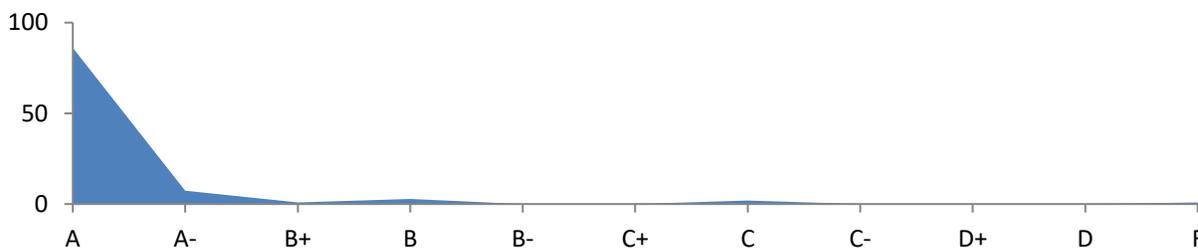
Grading of successful students:

Grade	Student Number	Percent
A	93	86.11
A ⁻	8	7.41
B ⁺	1	0.926
B	3	2.78
B ⁻	0	0
C ⁺	0	0
C	2	1.86
C ⁻	0	0
D ⁺	0	0
D	0	0
F	1	0.926

Histogram of student grades (%) in GMP and Quality control (PT E10) Clinical Pharmacy program (2018-2019)



Histogram of student grades (%) in GMP and Quality control (PT E10) Clinical Pharmacy program (2018/2019)



C- Professional Information:

1-Course teaching:

Topic	No of hours	Lecturers
Introduction of pharmaceutical industry and GMP	2	Prof. Dr. Hana Elgamrey
History of GMP development within years	2	

Therapeutic good regulators	2	
Safety and quality regulations of therapeutic good regulators	2	
Guidelines of GMP towards premises and production areas	2	
Airlocks and air cleanliness levels	2	
Steps of production process	2	Prof. Dr. Mahmoud Abd El-Ghany
Types, causes and prevention of products contamination	2	
Documentation	2	
Processing operations during production process	2	
Proper control of packaging	2	
Qualification and validation of production process	2	
Personal training and hygiene	2	
Complaints, Recalls and Product quality review	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: ----
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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
Assessment (1): Written exam	Week 15	50%
Assessment (2): Practical exam	Week 12	25%
Assessment (3): Periodical exam	Week 7	10%
Assessment (4): Oral exam	Week 15	15%
Total		100%

Members of examination committee:

- Prof. Dr. Mahmoud Abd El-Ghany
- Prof. Dr. Hana Elgamrey

4-Facilities and Teaching Materials:

Totally adequate	
Adequate to some extent	√
Inadequate	

List any inadequacies:

Difficulty in arranging a field visit to a pharmaceutical factory

5- Administrative Constraints:

- Crowded schedule .

6- Comments from external evaluator(s):

Comments	Response of course team
<ul style="list-style-type: none">- Taking care about repeating the contents of the course.- Credit hours were not mentioned in the course specification and report.- Date of midterm was not mentioned.	<ul style="list-style-type: none">- The specification and course report will be revised and written carefully.

7- Course Enhancement:

Action required	State whether or not complete and give reasons for any non completion
a. Use balanced questions cards for oral exam	Completed
b. External examiner for evaluation of the student during oral exam	Not completed
c. Organizing visits of the students to industrial companies	Not completed

9- Action plan for academic year 2019– 2020:

Action required	Completion date	Person responsible
External examiner for evaluation of student during oral exam	2019/2020	- Faculty vice dean for education and student affairs
Organizing visits of the students to industrial companies	2019/2020	- Faculty vice dean for education and student affairs

Course Co-ordinators:

- Prof. Dr. Mahmoud Abd El-Ghany

Signature:

Date: Course report is approved on 28-10-2019

