



Menoufia Faculty of Medicine
Accredited



Level 4

SEMISTER 4A

Course code	Course title	Credit hours		
		Lect.	Pract.	total
MMIP- OPHT 401	Ophthalmology*	5	3	8
MMIP ENT 402	Otorhinolaryngology*	4	2	6
MMIP- FAML 403	Family medicine 1*	1.5	1.5	3
MMIP- TOX 404	Toxicology	2	1	3
MMIP PATH 405	Pathology 2*	0.5	0.5	1
MMIP- PHAR 406	Pharmacology 2*	0.5	0.5	1
MMIP- E 11/12/13/...	Elective (Group B)	1		1
Total		14.5	8.5	23

*: courses should be selected together in the same semester.

Ophthalmology

University: Menoufia

Faculty: Medicine

A-Administrative information

Course Title: Clinical Ophthalmology.

Code: MMIP-OPHT 401

Department offering the course: Ophthalmology Department

Programme(s) on which the course is given: MMIP program

Academic year/level: Fourth year

Semester: 4A



Menoufia Faculty of Medicine
Accredited



Date of specification revision: February 2019

Date of approval by Faculty Council: 12 February 2019

Credit/taught hours:

Lecture: 5 credit hours/ 75 taught hours **Practical:** 3 credit hours/90 hours **Total:** 8credit hours/165 hours

Course Contents:

1. The eyelids
2. Lacrimal System
3. The Cornea
4. The Conjunctiva
5. Cataract
6. Glaucoma
7. Errors of Refraction
8. Strabismus
9. Retina
10. The uveal tract
11. The Orbit
12. Intraocular tumors
13. Neuro-ophthalmology
14. Ocular trauma
15. Systemic Diseases and the Eye

Topic	Hours for lectures	Hours for tutorial	Hours for practical
Eye lid	6		8
Lacrimal	4		6
Orbit	4		6
Cornea	6		8
Conjunctiva	6		6
Uvea	6		6
Errors or refraction	6		6
Lens	6		6
Glaucoma	6		6
Squint	6		6
Retina	6		6



Menoufia Faculty of Medicine



وحدة
ضمان
الجودة

Trauma	6		6
Neurophthamology	-	4	6
Systemic Diseases & the eye	-	3	6

Otorhinolaryngology

University: Menoufia

Faculty: Medicine

A-Administrative information

Course title: Otorhinolaryngology for 4th year students 2017/2018

Code : MMIP-ENT 402

Department: Otorhinolaryngology

Academic year: 4th year

Semester: 4A :

Date of specification revision: February 2019

Date of approval by Faculty Council: 12 February 2019

Total teaching hours: 6 credit hours/120 taught hours

Lectures: 4 credit hours/ 60 taught hours **Clinical:** 2 credit hours/60 taught hours **Total:** 6 credit hours/120 taught hours

COURSE CONTENTS:

Topic	ILOs to be achieved	Hours for lectures	Hours for practical and tutorials	Total hours per year
Ear				
a) Anatomy and	a1	2	1.5	3.5



physiology of the ear				
b) Diseases of the external ear	a2,a8 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	7.5	9.5
c) Acute and chronic otitis media	a2 a8 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	3	5
d) Complications of otitis media	a2 a8 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	1.5	3.5
e) Congenital and traumatic disorders of middle and inner ear	a2 a8 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	1.5	3.5
f) Otosclerosis and Meniere's disease	a2 a8 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	1.5	3.5
g) Tumors of the ear and acoustic neuroma	a2 a8 b1 b2 b3	2		2
h) Facial nerve anatomy and paralysis	a2 a8 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	1.5	3.5
i) Symptomatology and Ear operations	a2 b1 b2 b3	2		2
j) Basic audiology-	a2 a8 b1 b2 b3	1		1
k) Basic	a2 a8 b1 b2	1		1



phoniatics	b3			
Pharynx				
a) Anatomy and physiology of the pharynx	a1	2	1.5	3.5
b) Nasopharyngeal diseases	A4 a8 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	1.5	3.5
c) Inflammations of the pharynx and tonsil	A4 a8 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	3.5	5.5
d) Pharyngeal suppurations	A4 a8 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	1.	3
e) Tumors of the pharynx	A4 a8 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	1.5	3.5
f) Symptomatology and operations of the pharynx	A4 a8 b1 b2 b3	2		2
Nose				
a) Anatomy and physiology of the nose	a1	2	1.5	3.5
b) Congenital and traumatic disorders of the nose and epistaxis	a2 a3 a4 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	4.5	6.5
c) Inflammations of the nose and septal	a2 a3 a4 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	3	5



diseases				
d) Acute sinusitis	a2 a3 a4 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	1.5	3.5
e) Chronic sinusitis and complications of sinusitis	a2 a3 a4 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	1.5	3.5
f) Nasal allergy and nasal masses	a2 a3 a4 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	3	5
g) Symptomatology and operations of the nose	a2 a3 a4 b1 b2 b3	2		2
Larynx				
a) Anatomy and physiology of the larynx		2	1	3
b) Congenital and traumatic disorders of the larynx	a2 a3 a4 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	1	3
c) Inflammatory disorders of the larynx	a2 a3 a4 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	2.5	4.5
d) Vocal cord paralysis and tracheostomy	a2 a3 a4 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	1.5	3.5
e) Tumors of the larynx	a2 a3 a4 b1 b2 b3 c1 c2 c3 d1 d2 d3 d4 d5	2	1.5	3.5
f) Symptomatology	a2 a3 a4 b1 b2	2		2



ogy and laryngeal operations	b3			
Neck				
a) Esophagus and trachea	a2 a3 a4 b1 b2 b3	1	1.5	2.5
b) Neck swellings	a2 a3 a4 b1 b2	1	3	4
End round exam			3	
Total hours		60	60	120

Subjects	Lecture	Practice & Tutorial	Total Hours
Ear	20	18	38
Pharynx	12	18	30
Nose	14	9	23
Larynx	12	7.5	19.5
Oesophagus, Trachea & Neck	2	4.5	6.5
End round exam		3	3
Total	<u>60</u>	<u>60</u>	<u>120</u>

Detailed topics of course topics

A. Theoretical Course: 30 lectures

1. EAR:

- a) Anatomy and physiology of the ear
- b) Diseases of the external ear
- c) Acute and chronic otitis media
- d) Complications of otitis media
- e) Congenital and traumatic disorders of middle and inner ear
- f) Otosclerosis and Meniere's disease



Menoufia Faculty of Medicine
Accredited



- g) Tumors of the ear and acoustic neuroma
- h) Facial nerve anatomy and paralysis
- i) Symptomatology and Ear operations
- j) Basic audiology and phoniatics

2. Pharynx:

- a) Anatomy and physiology of the pharynx
- b) Nasopharyngeal diseases
- c) Inflammations of the pharynx and tonsil
- d) Pharyngeal suppurations
- e) Tumors of the pharynx
- f) Symptomatology and operations of the pharynx

3. Nose:

- a) Anatomy and physiology of the nose
- b) Congenital and traumatic disorders of the nose and epistaxis
- c) Inflammations of the nose and septal diseases
- d) Acute sinusitis
- e) Chronic sinusitis and complications of sinusitis
- f) Nasal allergy and nasal masses
- g) Symptomatology and operations of the nose

4. Larynx:

- a) Anatomy and physiology of the larynx
- b) Congenital and traumatic disorders of the larynx
- c) Inflammatory disorders of the larynx
- d) Vocal cord paralysis and tracheostomy
- e) Tumors of the larynx
- f) Symptomatology and laryngeal operations

5. Neck

- a) Esophagus and trachea and Neck swellings



Menoufia Faculty of Medicine
Accredited



FAMILY MEDICINE I

University: Menoufia

Faculty: Medicine

A-Administrative information

Course title: Family medicine I

Code: MMIP-FAML403

Program on which the course is given: MMIP

Department offering the course: Family medicine department.

Academic year: 4th year

Semester: 4A

Date of specification revision: February 2019

Date of approval by Faculty council: 12 February 2019

Credit hours:

Lectures: 1.5 credit hours (22.5 taught hours) **Practical:** 1.5 credit hours (36 hours practical rounds & 9 hours field training) **Total:** 3 credit hours (67.5 taught hours)

Course Contents:

	Topic	No. of hours			Total
		Theoretical	Practical		
			Round	Field visit	
1	Introduction to family medicine curriculum	1	3	-----	4
2	Principles of family medicine	1	2	-----	3
3	Family & family types in family practice Family dynamics	1	3	-----	4
4	Family genogram	1	3	-----	4
5	Health services and family health model	1	3	3	7
6	Family physician	1	-----	-----	1
7	Family health record	1	3	3	7
8	Basic benefit package (BBP)	1	3	3	7
9	Vaccination along human life cycle (obligatory&non-obligatory)	1	-----	----	1



Menoufia Faculty of Medicine



وحدة
ضمان
الجودة

10	Drug prescription in family practice	1	3	----	4
11	Travel medicine	1	3	-----	4
12	Patient compliance	1	-----	-----	1
13	Referral in family practice	1	3	-----	4
14	Counseling in family practice	1	1	-----	2
15	Screening in family practice	1	3	-----	4
16	Infection control in family practice	1	-----	-----	1
17	Quality dimension & accreditation in family health care facilities	1	-----	-----	1
18	Audit & Clinical guidelines	1	3	-----	4
19	Principles of home visits	1	----	-----	1
20	Integrated seminar (ophthalmology related problems)	1	-----	-----	1
21	Integrated seminar (otolaryngology related problems)	1	-----	-----	1
22	Integrated seminar (toxicology related problems)	1	-----	-----	1
Total		22	36	9	67

Clinical Toxicology

University: Menoufia

Faculty: Medicine

A-Administrative information

Course Title: Clinical Toxicology

Code: MMIP-TOX 404

Department offering the course: Forensic Medicine and Clinical Toxicology

Programme(s) on which the course is given: MMIP Program

Academic year/level: 4th Year

Semester: 4A

Date of specification revision: February 2019

Date of approval by Faculty Council: 12 February 2019

Credit/taught hours :



Menoufia Faculty of Medicine
Accredited



Lectures: 2 Credit hours/ 30 taught hours **Practical:** 1 Credit hour/ 30 taught hours

Total: 3 Credit hours/ **60 taught hours**

Course Contents

1-General Toxicology

2-Special toxicology

Lecture course (30 HRS)

Topic	Hours
1-General Toxicology	5
2-Special toxicology	
Addiction(General- Addicting Toxic plants)	6
Corrosives	3
Heavy metals	3
Volatiles (Alcohols and hydrocarbons)	2
Noxious gases	1
Toxic plants(Addicting)	2
C.N.S acting substances	1
Analgesics	1
Insecticides &Rodenticides	4
Animal bites	1
Food poisoning	1

Practical & tutorial course (30 HrS)

Practical Session:

Practical Session	hours
Toxic seeds	1



Menoufia Faculty of Medicine
Assiut



Reinsch Test	1
Spectroscope	1
Color tests	1
TLC chromatography	1

Clinical Rounds (30 hrs):

Clinical Round& tutorial	Hours
Toxicological sheet & diagnosis	3
First aid	2
Decontamination	2
Common Poisons	2
Addiction	3
Corrosives	2
Heavy metals	2
Volatiles	2
Noxious gases	2
Toxic plants(Non Addicting)	2
C.N.S acting substance	2
Analgesics	2
Insecticides &Rodenticides	2
Food poisoning &Animal bites	2

Pathology II

University: Menoufia

Faculty: Medicine

A-Administrative information

Course title : Pathology II

Code No: MMIP- PATH 405

Department offering the course: Pathology



Menoufia Faculty of Medicine
Accredited



Programme(s) on which the course is given: MMIP

Academic year: Third year

Semester: 4A

Date of specification revision : February 2019

Date of approval by Faculty Council: 12 February 2019

Credit hours:

Lecture: 0.5 credit hours/ 7.5 taught hours

Practical: 0.5 credit

hour/ 15 taught hours

Total: 1 credit hours

Course contents:

	Topic	Hours for lectures	Hours for practical	Total no. of hours per semester / year
	Semester 4A [Special pathology]	7.5 h	15 h	22.5 hours
1st week	Inflammation of cornea	0.5H	1H	1.5 H
2nd week	Inflammation of conjunctiva and cell injury	0.5H	1H	1.5 H
3rd week	Intraocular tumors	0.5H	1H	1.5 H
4th week	Otitis externa,	0.5H	1H	1.5 H
5th week	Acute otitis media	0.5H	1H	1.5 H
6th week	Chronic nonsuppurative otitis media	0.5H	1H	1.5 H
7th week	Chronic suppurative otitis media	0.5H	1H	1.5 H
8th	Labrynthitis	0.5H	1H	1.5 H



week				
9th week	Pharyngitis	0.5H	1H	1.5 H
10th week	Tonsillitis	0.5H	1H	1.5 H
11th week	Laryngitis	0.5H	1H	1.5 H
12th week	Neoplastic lesions in the larynx	0.5H	1H	1.5 H
13th week	Non neoplastic diseases of the nose	0.5H	1H	1.5 H
14 week	Tumors of the nose	0.5H	1H	1.5 H
15 week	Diseases of Para nasal sinuses	0.5H	1H	1.5 H

Pharmacology II

University: Menoufia

Faculty: Medicine

A-Administrative information

Course title : Pharmacology II

Code No: MMIP-PHAR 406

Department offering the course: Clinical Pharmacology Department

Programme(s) on which the course is given: MMIP

Academic year: Forth year

Semester: 4A

Date of specification revision : February 2019



Date of approval by Faculty Council: 12 February 2019

Credit hours:

Lecture: 0.5 credit hours/ 7.5 taught hours **Practical:** 0.5 credit hour/ 15 taught hours. **Total: 1 credit hour**

Course Contents:

A) Lectures

Teaching hours

Semester	Code & Content	Lecture	Practical
4A	-Autonomic Nervous System	4	10
	-Ocular	1.5	5
	-Autacoids	2	
Total		7.5	15

1-Autonomic Nervous System:

Sympathomimetics , sympathetic depressants, parasympathomimetics , drugs acting on the neuromuscular junction , drugs acting on autonomic ganglia.

2-Ocular pharmacology:

Drugs acting on the eye and treatment of glaucoma.

3-Autacoids:

Histamine and antihistaminics , serotonin and its antagonists , eicosanoids , angiotensin and kallikerin-kinin system.



Menoufia Faculty of Medicine
Accredited



SEMISTER 4B

Course code	Course title	Credit hours		
		Lect.	Pract.	total
MMIP- FORE 407	Forensic	2	1	3
MMIP COM 408	Community 3	3	1	4
MMIP- INTM 409	Medicine I*	2.5	1.5	4
MMIP- SURG 410	Surgery I*	2	2	4
MMIP PATH 411	Pathology 3*	0.5	0.5	1
MMIP- PHAR 412	Pharmacology 3*	0.5	0.5	1
MMIP- FAML 413	Family medicine 2*	0.5	0.5	1
Total		11	7	18

*: courses should be selected together in the same semester.

Forensic Medicine

University: Menoufia

Faculty/Institution: Medicine

A-Administrative information

Course Title: Forensic Medicine

Code: MMIP-FORE 407

Department offering the course: Forensic Medicine and Clinical Toxicology

Programme(s) on which the course is given: MMIP Program

Department(s) offering the programme: Forensic Medicine and Clinical Toxicology

Academic year/level: 4th Year

Semester: 4B

Date of specification revision: February 2019

Date of approval by Faculty Council: 12 February 2019



Menoufia Faculty of Medicine
Accredited



Credit/taught hours:

Lectures: 2 credit hours/ 30 taught **Practical& tutorial:** 1 credit hour/ 30 taught hours. **Total:** 3 credit hours/ 60 taught hours

Course Content

- 1-Identification
- 2-Death and Post mortem changes
- 3-Sexual offences and child abuse
- 4-Asphyxia
- 5-Pregnancy& delivery, abortion & Infanticide
- 6- Traumatology
- 7-Ethics & Malpractice

Lecture course

Forensic Medicine

Topics	Hours
1-Identification	4
2-Death & Post mortem changes	3
3-Sexual offences ,Pregnancy ,delivery, abortion , Infanticide and child abuse	4
4-Asphyxia	3
5-General Wounds	3
6-Regional injuries(head, neck, chest & abdomen)	4
7-Firearm injury	3
8-Road traffic accident	1
9-Physical injury	3
10-Ethics & Malpractice	2



Menoufia Faculty of Medicine
Assiut



--	--

Practical & tutorial course

Practical Session (6h)

Practical Session	Hours
Blood	3
Projectiles	1
Hair & fibers	1
Semen	1

Clinical Rounds & Tutorial(24 h)

Clinical Round& Tutorial	Hours
Identification	4
General wounds& primary ML report	2
Firearm injuries wound	2
Firearm injuries projectiles	2
Sexual offences ,Pregnancy ,delivery, abortion , Infanticide and child abuse	4
Head injuries	2
Asphyxia	2
Death &post mortem changes	2
Physical injuries	4
Regional injury	2



Menoufia Faculty of Medicine
Assiut



RTA	2
Ethics	2

Community III

University: Menoufia

Faculty: Medicine

A - Administrative Information

Course title : Community III

Code No: MMIP-COM 408

Department offering the course: Public health and community Department

Programme(s) on which the course is given: MMIP

Academic year: Fourth year

Semester: 4B

Date of specification revision : February 2019

Date of approval by Faculty Council: 12 February 2019

Credit hours:

Lecture: 3 credit hours/ 60 taught hours
hour/ 15 taught hours

Practical: 1 credit

Total: 4 credit hours

Contents

week	Title	Teaching methods	Actual hours
1st	Reproductive health	Lecture	1.5
		Lecture	1.5
		Practical	1
2 nd	maternal and child health and family planning	Lecture	1.5
		Lecture	1.5
		Practical	1
3 rd	Adolescent and Faculty Health	Lecture and practical	1.5
		PBL	1.0



		Practical	1.5
4 th	Health of the elderly	lecture	1.5
		lecture	1.5
		PBL	1.0
5 th	Health of people with special needs, including handicapped persons	lecture	1.5
		lecture	1.5
		PBL	1.0
6 th	Air sanitation	lecture	1.5
		lecture	1.5
		PBL	1.0
7 th	Water sanitation	lecture	1.5
		lecture	1.5
8 th	Waste disposal	PBL	1.0
		Lecture	1.5
		Tutorial	1.5
9 th	Toxic gases	Field visit	1.0
		lecture	1.5
		lecture	1.5
10 th	Pneumoconiosis	Field study	1.0
		Quizzes	1.5
11 th	Nutrition	PBL	1.5
		Quizzes	1.5
12 th	Revision	Seminar	1.5
	Revision	Seminar	1.0

Internal Medicine I

University: Menoufia

Faculty: Medicine

A - Administrative Information

Course Title : Internal Medicine I

Code: MMIP-INTM 409

Department offering the course : Internal Medicine Department

Program on which the course is given : MMIP

Academic year/level : Fourth year



Menoufia Faculty of Medicine
Accredited



Semester: Semester 4B

Date of specification revision: February 2019

Date of approval by Faculty Council: 12 February 2019

Credit hours: Lectures: 2.5 credit hrs (37.5 taught hours) **Practical:** 1.5 credit h (45 taught hours) **Total:** 4 credit hour (83h)

Content

Theoretical part: (1 hr for each topic / 2hrs lecture per day + 2 hours tutorial per week + 2 hrs revision)

- H1: Hematopoiesis
- H2: Microcytic Anemia
- H3: Macrocytic Anemia
- H4: Autoimmune hemolytic anemia
- H5: Hemoglobinopathies (Tutorial – 1 hr)
- H6: Enzymopathies (Tutorial – 1 hr)
- H7: Red cell membrane disorder
- H8: Microangiopathic hemolytic anemia
- H9: Anemia with chronic disorder
- H10: Hemostasis (Tutorial – 1 hr)
- H11: Platelet physiology (Tutorial – 1 hr)
- H12: Immune thrombocytopenic purpura
- H13: Inherited Platelet disorders
- H14: Hemophilia and other coagulation factor defects
- H15: Disseminated intravascular coagulation
- H16: Anticoagulants (Tutorial – 1 hr)
- H17: Thrombophilia (Tutorial – 1 hr)
- H18: Von-willebrand disease
- H19: Spleen
- H20: Aplastic anemia
- H21: Neutropenia
- H22: Conventional cytogenetics and molecular genetics in hematological malignancies
- H23: Acute myeloid leukemia
- H24: Acute lymphoblastic leukemia
- H25: Myelodysplastic syndrome



- H26: Chronic Lymphocytic Leukemia
- H27: Hairy cell leukemia
- H28: Hodgkin & non-hodgkin lymphoma
- H29: Diffuse large cell lymphoma
- H30: T cell lymphoma
- H31: Multiple myeloma
- H32: Amyloidosis
- H 33: Waldenstrom's Macroglobulinemia
- H34: Myeloproliferative neoplasm
- H35: Hyperesinophilic neoplasm
- H36: Blood transfusion
- H37: Hematological emergencies
- H38: Bone marrow transplantation

Clinical training Course

1.5 credit hour (45 practical hours) (15 clinical rounds)

(3 weeks) in internal medicine

Clinical training course:

- History taking
- General Examination

Hematology case taking & Examination:

- History taking and examination of hematological cases
- Approach to anemia
- Bleeding disorders
- Thrombotic disorders
- Spleen and lymph node
- Pancytopenia Bone marrow examination

Clinical course activities

- **Presentation:** of 5 cases
- **Writing an essay:** About 10 pages on one common medical subject e.g
- **Attendance and making a short report about:**



Menoufia Faculty of Medicine
Accredited



- a. 5 different cases from Outpatient Clinic
- b. 5 different cases from the Emergency Room (ER)
- c. 5 different cases from the Intensive Care Unit (ICU)

- **Writing an essay**

About 10 pages on one common medical subject e.g., bleeding tendency, hemolytic anemia, purpura, lymphomas etc.....

- **Attendance and making a short report about:**

- a. 5 different cases from Outpatient Clinic
- b. 5 different cases from the Emergency Room (ER)
- c. 5 different cases from the Intensive Care Unit (ICU)

SURGERY I

University: Menoufia

Faculty: Medicine

A-Administrative information

Course Title: Surgery 1.

Code: MMIP –SURG 410

Semester: 4B

Department offering the course: General Surgery Department.

Program(s) on which the course is given: MMIP.

Date of specification revision: February 2019

Date of approval by Faculty Council: 12 February 2019

Credit hours: 4 / Taught hrs: 90

Lecture: 2 credit hrs/ 30 Taught hrs.

Practical: 2 credit hrs/ 60 Taught hrs.

Total: Credit hours:4 / Taught hrs: 90.



Menoufia Faculty of Medicine
Assiut



Contents

30 Theoretical hours (24 hrs: lectures, 6 hrs: tutorial)

- Wounds, wound healing and wound management.
- Surgical infections and nosocomial infection and their management.
- Management of the severely injured and critically ill patient including metabolic response to trauma.
- Preoperative assessment and postoperative complications of the surgical patients.
- Hemorrhage, hemorrhagic disorders and blood transfusion.
- Fluids, electrolytes and acid-base balance.
- Shock.
- Burns.
- Nutrition in surgery.
- Tumor biology and management.
- Organ transplantation.
- Medical problems in the surgical patient including metabolic disorders.
- Lymph node diseases.

CLINICAL ROUNDS (60 hours):

- History taking and clinical examination.
- Clinical diagnosis of swelling and tumors.
- Common conditions like: cellulitis, abscess, lipomas etc.
- Ulcers, sinuses, fistulae.
- Lesions of the head, scalp, skull, face, lips, tongue, palate, cheek, jaw, and floor of the mouth.
- Parotid swellings.
- Swellings at the side, in the midline, and in the submandibular regions of the neck.
- Axillary swellings.

--LIST (1): LIST OF JARS:

1- Hepatobiliary:

- Traumatic liver injury

2- Spleen:



Menoufia Faculty of Medicine
Accredited



- splenic injury.

3- Head & Neck:

- Lymph node excisional biopsy.

--LIST (2): LIST OF SURGICAL ANATOMY TOPICS:

- The scalp.
- Abdominal wall.
- The inguinal canal.
- The liver.
- The spleen.
- Cervical lymph nodes.

--LIST (3): LIST OF OPERATIVE PROCEDURES:

- Management of cold abscess in the neck.
- Hand infections.
- Management of a stab wound.
- Management of rupture spleen.
- Management of shock in bleeding esophageal varices.

--LIST (4): BEDSIDE SKILLS:

- IV, IM and SC injection.
- Insertion of IV canula.
- Insertion of urinary catheter.
- Insertion of nasogastric tube.
- Simple skin suturing.

Pathology III

University: Menoufia

Faculty: Medicine

A-Administrative information

Course title : Pathology III

Code No: MMIP- PATH 411

Department offering the course: Pathology

Programme(s) on which the course is given: MMIP

Academic year: Fourth year



Menoufia Faculty of Medicine



Semester: 4B

Date of specification revision : February 2019

Date of approval by Faculty Council: 12 February 2019

Credit hours:

Lecture: 0.5 credit hours/ 7.5 taught hours **Practical: 0.5 credit hour/ 15 taught hours** **Total: 1 credit hours**

Course contents:

	Topic	Hours for lectures	Hours for practical	Total no. of hours per semester / year
	Semester 4B [Special pathology]	7.5 h	15 h	22.5 hours
2nd week	Lymphadenitis	2.5 hrs	5 H	7.5H
4th week	Non Hodgkin Lymphoma	2.5 hrs	5 H	7.5H
6th week	Hodgkin Lymphoma	2.5 H	5 H	7.5H

Pharmacology III

University: Menoufia

Faculty: Medicine

A-Administrative information

Course title : Pharmacology III

Code No: MMIP-CBL 412

Department offering the course: Clinical Pharmacology Department

Programme(s) on which the course is given: MMIP

Academic year: Forth year



Menoufia Faculty of Medicine
Assiut



Semester: 4B

Date of specification revision : February 2019

Date of approval by Faculty Council: 12 February 2019

Credit hours:

Lecture:0.5 credit hours/ 7.5 taught hours **Practical:** 0.5 credit hour/ 15 taught hours. **Total: 1 credit hour**

Course Contents:

Semester	Code &Content	Lecture	Practical
4B	- Pharmacology of blood	5	10
	-Cancer chemotherapy	2.5	5
Total		7.5	15

A) Lectures

1-Pharmacology of blood:

Treatment of anaemias , coagulants and anticoagulants ,drugs affecting the fibrinolytic system , drugs affecting platelet activity , lipid lowering drugs , intravenous fluids , total parenteral nutrition.

2-Cancer chemotherapy.

FAMILY MEDICINE II

University: Menoufia

Faculty: Medicine

A-Administrative information

Course title: Family medicine II



Menoufia Faculty of Medicine
Accredited



Code: MMIP-FAML 413

Program on which the course is given: MMIP

Department offering the course: Family medicine department.

Academic year: 4th year

Semester: 4B

Date of specification revision: February 2019

Date of approval by Faculty council: 12 February 2019

Credit hours:

Lectures:0.5 credit hour (7.5 taught hours) **Practical:**0.5 credit hours (12 hours practical rounds & 3 hours field training) **Total:** 1 credit hour (22.5 taught hours)

Course Contents:

	Topic	No. of hours			Total
		Theoretical	Practical		
			Round	Field visit	
1	Ethics in family practice	2	3	-----	5
3	Communication in family practice	2	6	3	10
5	Anticipatory care (health promotion)	1	-----	-----	1
6	Health team & management in family practice	1	3	-----	4
7	Patient education	1		-----	1
8	Integrated seminar (community health problems)	1	-----	-----	1
	Total	8	12	3	23