كليات الريان

AL-RAYAN COLLEGES

Medical Student Handbook

The Student Handbook describe the curriculum and study plan, internship programs, rules and regulations, policies, ethics, supportive services, students rights, disciplinary and advisory committees.

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Medical Student Handbook

College of Medicine

Al Rayyan Medical College

Prepared by

The Deanship of Medical College

2020

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Preface

Al-Rayyan College of Medicine was established in 2017. The aim of the college is to develop medical student who is scientifically informed, socially responsible, can serve the health needs and who will be prepared to enter the notional informational postgraduate training programs.

The MBBS program Is an outcome-based, student-Centered, integrated with early clinical exposure and with firm application of scientific knowledge for patient center care. This student handbook should be used as a guide and reference for medical students, the students should be familiar with and understand the contents of this handbook.

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Mission

Graduate physicians with essential competencies and life-long learning aptitude by providing quality teaching and research abilities in an innovative academic environment to meet the healthcare needs of Saudi Arabian community with respect and compassion according to Islamic and professional values.

Vision:

To become the leading medical college in the GCC countries.

Values:

1. Creativity and innovation
2. Islamic ethics.
3. Transparency.
4. Scientific exchange.
5. Lucidity, responsibility towards the community.

Strategic Goals:

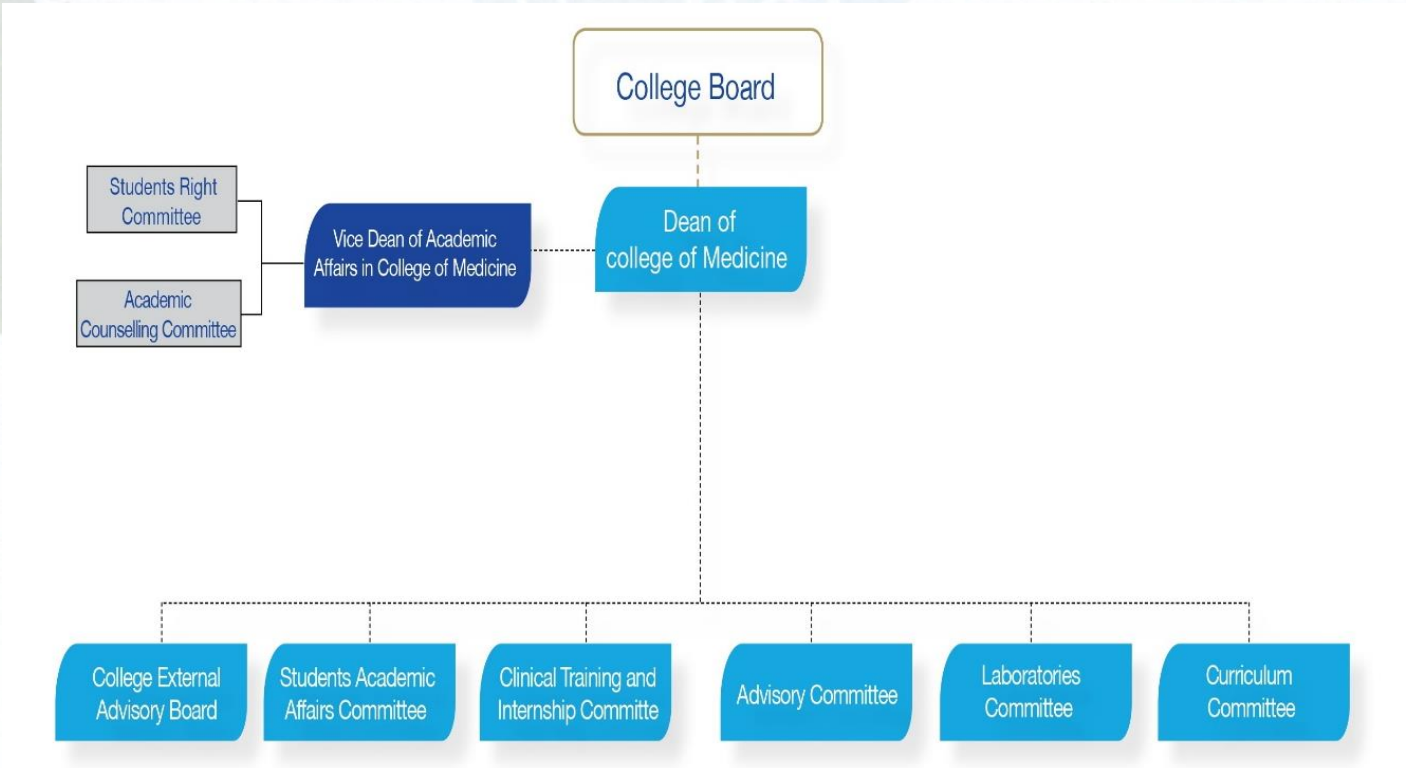
1. To Provide excellent governance and administration with transparency and adherence to ethical principles.
2. To Provide high quality teaching, learning and training opportunities through curriculum review and technology-based education.
3. To Ensure the graduate develop into responsible citizens with values and attributes that positively affect the socio-economic development to support Kingdom's vision 2030.
4. To Provide facilities and learning resources that are effectively utilized and well managed to ensure efficient student and staff services.
5. Faculty development by offering opportunities for professional and personal development, rewarding hard work and innovative thinking. Motivate research, community services and beneficial partnership with public and private sector, professional bodies and local communities that benefit community at large.

Adminstrative Structure of the College

The administrative structure of the College of Medicine and the college committees are illustrated in the charts below.

The organizational structure of the College of Medicine

college committees



Curriculum Map

Weeks				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Vertical Education Modules
Phase	**year**	**Level**	**Semester**																
Phase I	**One**	**One**	**1**	**Preparatory Year**															
		Two	**2**																
Phase II	**Two**	**Three**	**1**	**Introduction to Basic Medical Science** 1. Introduction to Anatomy and Embryology 2. Introduction to Histology 3. Principles of Physiologic Function 4. Introduction to Medical Biochemistry 5. Fundamental of Microbiology and Parasitology 6. Basic Pathology 7. Principles of Pharmacology															
		Four	**2**	Module 1 Respiratory System					Module 2 Cardiovascular System					Module 3 Blood and lymphatic					
				8. Basic Genetics 9. Basic Immunology															
	Three	**Five**	**1**	Module 4 Gastrointestinal System					Module 5 Renal and Urinary System					Module 6 Endocrine System					
				Islamic Culture II															
		Six	**2**	Module 7 Musculoskeletal System					Module 8 Nervous System					Module 9 Reproductive System					
Phase III	**Four**	**Seven**	**1**	**Introduction to Medicine and Surgery** 1. General Medicine 2. General Surgery 3. Laboratory Medicine 4. Diagnostic Imaging					**Integrated Modules for Internal Medicine and General Surgery** Module 1 Gastrointestinal and Hepatobiliary System					Module 2 Endocrine System and Breast					
				Medical Ethics															
		Eight	**2**	**Integrated Modules for Internal Medicine and General Surgery** Module 3 Cardiorespiratory System					Module 4 Nephrology and Urogenital System					Module 5 Neurology System					
				Community Medicine and Public Health															
Phase IV	**Five**	**Nine**	**1**	**Patient Center Care** Women Care and Reproductive Health Care										Mental Health Care and Medical Psychology					
				Forensic Medicine and Toxicology Biostatistics and Epidemiology															
		Ten	**2**	**Patient Center Care** Family Health Care					Chlid Health Care										
				Principle of Infection and Patients Safety Prophetic Medicine and Alternative Medicine Medical Professionalism															
	Six	**Eleven**	**1**	**Patient Center Care** Care for Special Sense I Ophthalmology					Care for Special Sense II Otolaryngology					Care for Special Sense III Dermatology					Care for Cancer and Terminal Patient
				Islamic Culture III Fegh and Sharia for Medical professional															
		Twelve	**2**	**Patient Center Care** Emergency Medicine and Intensive Care					Special surgery I Orthopedic and Traumatology					Special Surgery II Neurosurgery and Urology					
				Anesthesia and Pain Medicine															
Phase V	**Internship For 12 Months** **Major Hospital Rotation 8 Weeks in Each Department**																		
	Internal Medicine			General Surgery			Pediatrics			Obstetrics and Gynecology			Emergency Medicine			Elective			

Essential Clinical and Laboratory Skills

Medical Research and Evidence Based Medicine

Study Plane

Phase I (Level One) Preparatory Year

Course Code No	Course Title	Credit Hours (Theory + Practical + Clinical)	Contact Hours				Pre-Requisite	Co-Requisite
			L	P	C	Total		
ENGL-101	English Language I	6(4+2+0)	4	4	0	8		
MATH-101	Math for Health sciences	2 (2+0+0)	2	0	0	2		
COMM-101	Communication Skills	2 (2+0+0)	2	0	0	2		
COMP-101	Introduction to Computing	3 (2+1+0)	2	2	0	4		
ARAB-101	Arabic Language I	2(2+0+0)	2	0	0	2		
ISLM-101	Islamic Culture I	2 (2+0+0)	2	0	0	2		
TOTAL		**17 (14+ 3 +0)**	**14**	**6**	**0**	**22**		

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Phase I (Level Two) Preparatory Year

Course Code No	Course Title	Credit Hours (Theory + Practical + Clinical)	Contact Hours				Pre-Requisite	Co-Requisite
			L	P	C	Total		
BIOL-101	Biology	3 (2+1+0)	2	2	0	4		
CHEM-101	Introduction to Chemistry	3 (2+1+0)	2	2	0	4		
MTER-101	Medical Terminology	3 (2+1+0)	2	2	0	4	ENGL 101	
ENGL-102	English Language II	4 (2+2+0)	2	4	0	6	ENGL 101	
ARAB-102	Arabic Language II	2 (2+0+0)	2	0	0	2		
PHYS-101	General Physics	3 (2+1+0)	2	2	0	4		
TOTAL		**18 (12+ 6 +0)**	**12**	**12**	**0**	**24**		

Phase II (Level Three)

Course Code No	Course Title	Credit Hours (Theory + Practical + Clinical)	Contact Hours				Pre-Requisite	Co-Requisite
			L	P	C	Total		
MANT-211	Introduction to Anatomy and Embryology	3(2+1+0)	2	2	0	4	Phase I Courses	
MHIS-211	Introduction to Histology	2(1+1+0)	1	2	0	3	Phase I Courses	
MBIO-211	Introduction to Medical Biochemistry	+0)0(2+2	2	0	0	2	Phase I Courses	
MPHS-211	Physiology Principles of physiologic function	3(2+1+0)	2	2	0	4	Phase I Courses	
MMIC-211	Fundamental of Microbiology and Parasitology	3(2+1+0)	2	2	0	4	Phase I Courses	
MPTH-211	Basic Pathology	2 (1+1+0)	1	2	0	3	Phase I Courses	
MPHR-211	Principles of Pharmacology	1 (1+0+0)	1	0	0	1	Phase I Courses	
TOTAL		**16 (11+ 5 +0)**	**11**	**10**	**0**	**21**		

Phase I (Level Four)

Course Code No	Course Title	Credit Hours (Theory + Practical + Clinical)	Contact Hours				Pre-Requisite	Co-Requisite
			L	P	C	Total		
MGEN-211	Basic Genetics	2 (2+0+0)	2	0	0	2	Phase I Courses	
MIMM-211	Basic Immunology	2 (1+1+0)	1	2	0	3	Phase I Courses	
MRES-221	Respiratory System An integrated module of Basic Medical Sciences	5 (3+2+0)	3	4	0	7	Phase I Courses	
MCAR-231	Cardiovascular System An integrated module of Basic Medical Sciences	5 (3+2+0)	3	4	0	7	Phase I Courses	
MBLD-241	Blood and lymphatic System An integrated module of Basic Medical and Clinical Sciences	4 (3+1+0)	3	2	0	5	Phase I Courses	
MECS-251	Essential Clinical and laboratory Skills I	1 (0+1+0)	0	2	0	2		
TOTAL		**19 (12+7+0)**	**12**	**14**	**0**	**26**		

Phase II (Level Five)

Course Code No	Course Title	Credit Hours (Theory + Practical + Clinical)	Contact Hours				Pre-Requisite	Co-Requisite
			L	P	C	Total		
MGAS-311	Gastrointestinal System An integrated module of Basic Medical Sciences	5(3+2+0)	3	4	0	7	Phase I Courses	
MREN-321	Renal and Urinary System An integrated module of Basic Medical Sciences	5(3+2+0)	3	4	0	7	Phase I Courses	
MEND-331	Endocrine System An integrated module of Basic Medical Sciences	5(3+2+0)	3	4	0	7	Phase I Courses	
MECS-252	Essential Clinical and laboratory Skills II	1(0+1+0)	0	2	0	2	MECS-251	
ISLM-102	Islamic Culture II	1(1+0+0)	1	0	0	1	ISLM-101	
TOTAL		**17(10+7+0)**	**10**	**14**	**0**	**24**		

Phase II (Level Six)

Course Code No	Course Title	Credit Hours (Theory + Practical + Clinical)	Contact Hours				Pre-Requisite	Co-Requisite
			L	P	C	Total		
MMUS-341	Musculoskeletal System An integrated module of Basic Medical and Sciences	5(3+2+0)	3	4	0	7	Phase I Courses	
MNER-351	Nervous System An integrated module of Basic Medical Sciences	5(3+2+0)	3	4	0	7	Phase I Courses	
MREP-361	Reproductive System An integrated module of Basic Medical Sciences	5(3+2+0)	3	4	0	7	Phase I Courses	
MECS-253	Essential Clinical and laboratory Skills III	1(0+1+0)	0	2	0	2	MECS-251 MECS-252	
TOTAL		16 (9+7+0)	9	14	0	23		

Phase III (Level Seven)

Course Code No	Course Title	Credit Hours (Theory + Practical + Clinical)	Contact Hours				Pre-Requisite	Co- Requisite
			L	P	C	Total		
MMED-411	Internal Medicine An introduction to Medicine	1(1+0+0)	1	0	0	1	Phase I and II Courses	
MSUR-411	General Surgery An introduction to Surgery and Applied Surgical Anatomy	2(1+1+0)	1	2	0	3	Phase I and II Courses	
MLAB-421	Laboratory Medicine Principles to Laboratory Diagnosis	1(0+1+0)	0	2	0	2	Phase I and II Courses	
MIMG-421	Diagnosis imaging Principles of Diagnosis Imaging	1(1+0+0)	1	0	0	1	Phase I and II Courses	
MGAS-431	Gastrointestinal and Hepatobiliary System An Integrated Clinical Module of Medicine and Surgery	6(4+0+2)	4	0	6	10	Phase I and II Courses	
MEND-441	Endocrine System and Breast An Integrated Clinical Module of Medicine and Surgery	6(4+0+2)	4	0	6	10	Phase I and II Courses	
METH-491	Medical Ethics	1(1+0+0)	1	0	0	1		
MECS-254	Essential Clinical and Laboratory Skills IV	1(0+1+0)	0	2	0	2	MECS-251 MECS-252 MECS-253	
TOTAL		**19(12+3+4)**	**12**	**6**	**12**	**30**		

Phase III (Level Eight)

Course Code No	Course Title	Credit Hours (Theory + Practical + Clinical)	Contact Hours				Pre-Requisite	Co-Requisite
			L	P	C	Total		
COM-451	Community Medicine and Public Health	2(1+0+0)	2	0	0	2	Phase I and II Courses	
MCAR-461	Cardiorespiratory An Integrated Clinical Module of Medicine and Surgery	6(4+0+2)	4	0	6	10	Phase I and II Courses	
MNPH-471	Nephrology and Urogenital System An Integrated Clinical Module of Medicine and Surgery	6(4+0+2)	4	0	6	10	Phase I and II Courses	
MNER-481	Neurology An Integrated Module of Medicine and Surgery	5(3+0+2)	3	0	6	9	Phase I and II Courses	
MECS-255	Essential Clinical and Laboratory Skills V	1(0+1+0)	0	2	0	2	MECS-251 MECS-252 MECS-253 MECS-254	
TOTAL		**20 (12+1+6)**	**13**	**2**	**18**	**33**		

Phase IV (Level Nine)

Course Code No	Course Title	Credit Hours (Theory + Practical + Clinical)	Contact Hours				Pre-Requisite	Co-Requisite
			L	P	C	Total		
MPSC-511	Medical Psychology	1(1+0+0)	1	0	0	1	Phase I, II and III Courses	
MMHC-511	Mental Health Care	3(2+0+1)	2	0	3	5	Phase I, II and III Courses	
MWHC-521	Women Care and Reproductive Health Care	9 (6+0+3)	6	0	9	51	Phase I, II and III Courses	
MFMT-531	Forensic Medicine and Toxicology	2(1+1+0)	1	2	0	3	Phase I, II and III Courses	
MREB-541	Medical Research and Evidence Based Medicine I	2(0+2+0)	0	4	0	4		
MECS-554	Biostatistics and Epidemiology	2(2+0+0)	2	0	0	2		
TOTAL		**19(12+3+4)**	**12**	**6**	**12**	**30**		

Phase IV (Level Ten)

Course Code No	Course Title	Credit Hours (Theory + Practical + Clinical)	Contact Hours				Pre-Requisite	Co-Requisite
			L	P	C	Total		
MFHC-561	Family Health Care	4(2+0+2)	2	0	6	8	Phase I, II and III Courses	
MCHC-571	Child Health Care	9(6+0+3)	6	0	9	15	Phase I, II and III Courses	
MIPC-581	Principle of Infection and Patients Safety	2(1+0+1)	1	0	3	4	Phase I, II and III Courses	
MPRO-591	Prophetic Medicine and Alternative Medicine	1(1+0+0)	1	0	0	1		
MREB-542	Medical Research and Evidence Based Medicine II	2(0+2+0)	0	4	0	4	MREB-541	
MPRF-552	Medical Professionalism	1(0+1+0)	0	2	0	2		
TOTAL		**19 (10+3+6)**	**10**	**6**	**18**	**34**		

Phase IV (Level Eleven)

Course Code No	Course Title	Credit Hours (Theory + Practical + Clinical)	Contact Hours				Pre-Requisite	Co-Requisite
			L	P	C	Total		
MOPH-611	Care for Special Sense I Ophthalmology	4(2+0+2)	2	0	6	8	Phase I, II, III and IIII Courses	
MOTO-621	Care for Special Sense II Otolaryngology	4(2+0+2)	2	0	6	8	Phase I, II, III and IIII Courses	
MDER-631	Care for Special Sense III Dermatology	4(2+0+2)	2	0	6	8	Phase I, II, III and IIII Courses	
MCTP-641	Care for Cancer and Terminal Patient	4(2+0+2)	2	0	6	8	Phase I, II, III and IIII Courses	
MREB-543	Medical Research and Evidence Based Medicine III	1(0+1+0)	0	2	0	2	MREB-541 MREB-542	
ISLM-103	Islamic Culture III and Fegh and Sharia for Medical professional	1(0+1+0)	0	2	0	2		
TOTAL		**18(8+2+8)**	**8**	**4**	**24**	**36**		

Phase IV (Level Twelve)

Course Code No	Course Title	Credit Hours (Theory + Practical + Clinical)	Contact Hours				Pre-Requisite	Co-Requisite
			L	P	C	Total		
MANS-661	Anesthesia and Pain Medicine	4(2+0+2)	2	0	6	8	Phase I, II, III and IIII Courses	
MINT-671	Emergency Medicine and Intensive Care	4(2+0+2)	2	0	6	8	Phase I, II, III and IIII Courses	
MSOT-681	Special surgery I Orthopedic and Traumatology	4(2+0+2)	2	0	6	8	Phase I, II, III and IIII Courses	
MSNE-681	Special Surgery II Neurosurgery and Urology	4(2+0+2)	2	0	6	8	Phase I, II, III and IIII Courses	
MREB-544	Medical Research and Evidence Based Medicine III	1(0+1+0)	0	2	0	2	MREB-541 MREB-542 MREB-543	
TOTAL		**17(8+1+8)**	**8**	**2**	**24**	**34**		

Internship Year

The Internship Training Program prepares the interns to perform their professional duties and responsibilities with confidence prior to their becoming registered doctors, and, enables them to develop proper medical attitudes and ethics in accordance with the tenets of Islam. This rotational year is spent as follows:

Weeks	**Internship for 12 Months Major Hospital Rotation 8 Weeks in each Department**					
Phase V	Internal Medicine	General Surgery	Pediatrics	Obstetrics and Gynecology	Emergency Medicine	Elective

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Academic Transcript and Grade Codes

Academic Transcript

The academic transcript is a statement that explains the student's academic progress. It includes the courses studied in each semester or year, course numbers and codes, number of credit hours, the grades earned, and the codes and points assigned to these grades. The record also shows the semester and cumulative GPAs and the student's general academic status, in addition to the courses from which a transferred student is exempt.

Grade Codes

Grade Code	Mark Range	Points		Grade
A +	95 - 100	4.00	5.00	Exceptional
A	90 - Less than 95	3.75	4.75	Excellent
B +	85 - Less than 90	3.50	4.50	Superior
B	80 - Less than 85	3.00	4.00	Very Good
C+	75 - Less than 80	2.50	3.50	Above Good
C	70 - Less than 75	2.00	3.00	Good
D+	65 - Less than 70	1.50	2.50	High Pass
D	60 - Less than 65	1.00	2.00	Pass
F	Less than 60	0	1.00	Fail
IP	-	-	-	In Progress
IC	-	-	-	In Complete
DN	-	0	1.00	Denial
NP	60 or above	-	-	No Grade – Pass
NF	Less than 60	-	-	No Grade – Fail
W	-	-	-	Withdrawn

College Administration

Position	Name	Email	Ext
Dean	Dr. Zakaria Mohammed Al Hawsawi	zm.alhawsawi@amc.edu.sa	1777
Vice Dean for Academic Affairs in College of Medicine	Dr. Saad Ali Al-Erwi	sa.alerwi@amc.edu.sa	1619
Head of the Clinical Sciences Department	Prof. Tymor Yasin Khattab	ty.khattab@amc.edu.sa	1233
Head of Basic Medical Sciences Department	Prof. Azza Abdulazim Jumaa	aa.jumaa@amc.edu.sa	1681

Committees of Interest to Students

Students' Rights Committee

Responsibility:

To support and uphold the students' rights on the principles that are consistent with the university's applicable regulations and rules for promotion of fairness and equity culture among the students, offering of the necessary consultations, informing the students and educating them on their rights and how to secure them through the statutory channels

Functions and Duties:

1. Investigate and decide on students' complaints and grievances
2. Support students' rights that conform with the rules and regulations in the college
3. Provide any necessary consultations to students with respect to the academic problems
4. Raising student's awareness of the college regulations in the concerning of students affairs

Advisory Committee

Responsibility:

Review and evaluate the effectiveness of the academic program and advice on improvement strategies.

Functions and Duties:

1. To participate in reviewing Academic plans and give suggestions and recommendation for improvement.
2. To oversee the Quality of teaching and learning process in the Program.
3. To guide in establishing effective system for monitoring the quality and supporting improvements in its Program.
4. To verify standards of students' assessment and achievement in the program.
5. To study program reports to identify the strengths and weaknesses and give suggestions for improvement.
6. To monitor the program compliance with the professional field requirements
7. To guide in establishing collaborative ventures particularly in research and community service fields
8. To propose opportunities for improvement considering the job requirement the professional field

Student Academic Affairs Committee

Responsibility:

To support the students and monitor the implementation of academic regulations.

Functions and Duties:

1. To representing students' interests in all policy decisions made by the board.
2. To aligning board policies and priorities with students' changing needs.
3. To ensure that the campus as a safe, caring, just, and ethical community.
4. To discusses and gives recommendation on students' academic matters like decision on admission of special cases, postponement of semester, withdrawal from courses or program, absenteeism from courses or exams, plagiarism, code of conduct, orientation programs and students' grievances and complaints.
5. To reviews the requests for internal transfers from program to another program and from external institutions.
6. To conducting an annual self-evaluation of the performance of the Committee, and effectiveness and compliance with this charter.

Academic Counselling Committee

Responsibility:

Ensure that the students receive all required assistances to accomplish their academic goals.

Functions and Duties:

1. To ensures all students are receiving academic advising according to Colleges regulations.
2. To oversee the academic advising program and work to promote an effective advising system
3. To ensures students have access to psychological counseling if needed.
4. To develop programs and workshops for the ongoing development of advisers
5. To ensure that students are educated on appropriate advising expectations and their role and responsibility in the adviser-advisee relationship
6. To revise and circulate annually the Advising Handbooks for Faculty and Students
7. To develop and recommend guidelines for academic advisers

Clinical Training and Internship Committee

Responsibility:

Monitor the programs compliance on established policies and procedures governing Clinical and Internship training.

Functions and Duties:

1. To develop plans for Clinical and Internship training.
2. To verify the clinical and internship training facility for adequacy of resources to support effective training.
3. To communicate with the clinical training facility and arrange in advance for the smooth running of the training.
4. To develop the plan for internship training for college programs.
5. To provide proper training and maintain continuous communication with the training facility staff to ensure students achieve required learning outcomes.
6. To evaluate the effectiveness of clinical training continuously.

Healthcare

Primary Care Center

A primary Care Center is a clinic situated in the college's campus to serve both students and faculty. The physicians in the Primary Care Center have the authority to refer the more serious cases to Al-Dar Hospital.

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