



جامعة المعرفة
ALMAAREFA UNIVERSITY



College of Applied Sciences
Respiratory Care Department
Student Handbook

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Welcome Message

On behalf of myself and my colleagues, I would like to congratulate you on your admission to the Respiratory Care Department at college of applied medical sciences, I wish you an academic life full of pleasure and success.

Al Maarefa University is one of the leading universities in the establishment of the department of respiratory care, which has an important role in the preparation and graduation of respiratory therapists needed by our dear country. Within the framework of the university's vision and mission, the department offers a comprehensive and high-level academic role in which theoretical studies are integrated with practical applications to prepare a distinguished graduate who can compete for jobs nationally, regionally and internationally. Our academic staff consists of a distinguished group of faculty members who work hard to serve our students in all aspects of scientific, practical and social life.

This handbook is prepared to provide you with all the necessary information about the program, including study plan, and other several important details. This will serve as a reference guide as you proceed through your college life as a respiratory care student.

I wish you a fruitful academic performance that
will be successful

Best Regards

Head of Respiratory Care Department

Department Mission, Vision and Goals

Program Mission

The mission of the Respiratory Care Program is to prepare students to meet the modern professional requirements in the Respiratory Care setting that encourages initiative and leadership, provide a professional academic environment for its faculty, and excel in community services.

Program Vision:

Excellence in education for the development of the field of respiratory care.

Program Goals

1. Prepare students to be competent respiratory therapist to meet the expectations of the College and the community and the standards of Saudi Commission of Health Science and the International Recognition of Respiratory care practitioners.
2. Provide the professional development aids as i.e., Communication, conflict, stress and time managements to foster professional growth of respiratory therapy.
3. Create and support research encouraging environment to conduct special research in basic and clinical RC sciences.
4. Provide and maintain a high level of community services and patient education.
5. Provide appropriate learning environment to acquire good experience (i.e. lectures, practical and clinics).
6. Provide students with the necessary clinical and academic training enabling them to achieve the recognize targets of occupational competencies.

Program learning Outcomes

Knowledge and understanding

- K1 Demonstrate knowledge of basic sciences, Islamic, Arabic, English and psychosocial sciences appropriate for respiratory care.
- K2 Discuss the epidemiology, pathogenesis and clinical features of cardiopulmonary abnormalities.
- K3 Comprehend knowledge of the respiratory care diagnostic and therapeutic procedures.
- K4 Describe treatment used in respiratory care settings.
- K5 Recognize the methods used for research and community service.

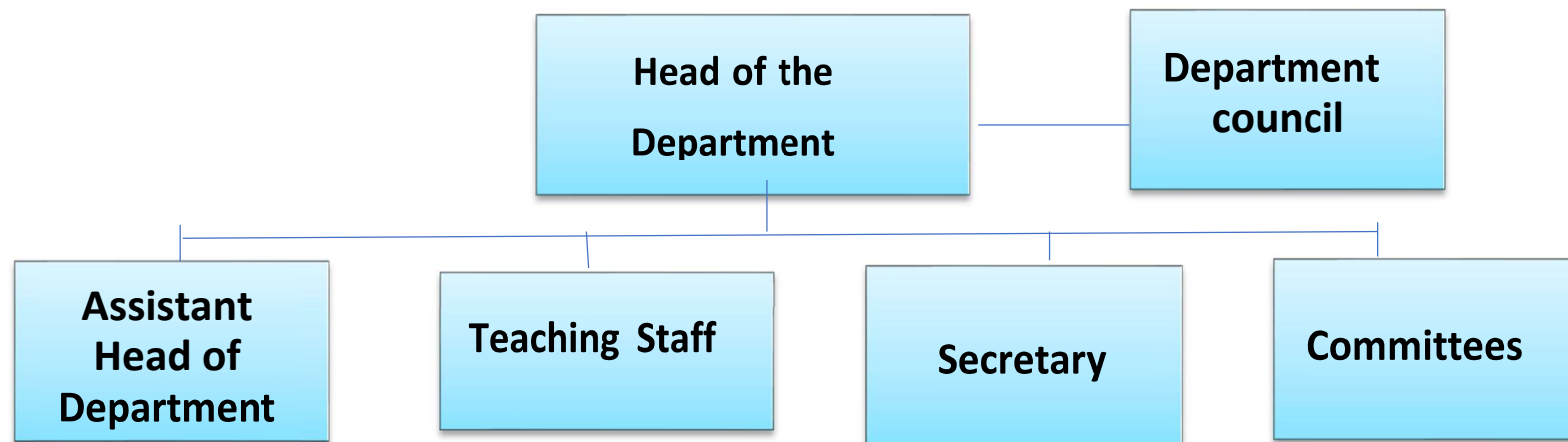
Skills

- S1 Assess patients with cardiopulmonary problems.
- S2 Interpret clinical, laboratory and research data.
- S3 Formulate appropriate evidence-based cardiopulmonary management plans.
- S4 Apply effectively different respiratory care therapeutic and diagnostic procedures.
- S5 Demonstrate effective communication skills verbally and in writing using both traditional and electronic means.

Values

- V1 Apply common leadership, management and teamwork principles relevant to healthcare, patient education and community service.
- V2 Exhibit legal, ethical and professional values to protect patients, self and co-workers.

Organizational Chart of the Department



Role of Respiratory Care practitioner

- Respiratory Care (RC) is an allied health profession that assess, monitor, and treat patients who suffer from pulmonary disorders or post-surgical who has been exposed to full anaesthesia or paralysis. Over subsequent years, the role of respiratory therapists (RTs) has expanded to include more sophisticated critical and sub-acute care modalities, such as mechanical ventilation, emergency care, pulmonary diagnostics, pulmonary rehabilitation, and home care.
- Respiratory Therapists play a vital role in evaluating, assessing and diagnosing patients with respiratory disorders through the following:
 - **Performing various examinations** like: Physical Examination, Pulmonary Function Testing, Arterial Blood Gases, Exercise challenge test and sleep disorders test.
 - **Handling mechanical ventilators** in Intensive Care Units and making appropriate adjustments on them based on the patient's blood gases and disorder.
 - **Patients Education:** Teaching patients with Bronchial Asthma and Chronic Obstructive Pulmonary Disease use of inhalers and how to cope with their condition. Educating patients and families about lung diseases so they can maximize their therapy and recovery.
 - **Providing Bronchial Hygiene and Lung Expansion Therapy** for patients with excessive production of secretions and post-op patients.
 - **Providing home care** through evaluating patients and educating them and their family about the disease condition and how to provide respiratory home care.

Professional Jobs of Respiratory Care practitioner

- Respiratory Therapist.
- Respiratory Care Clinical Educator.
- Respiratory Care Program Instructor.
- Pulmonary Function Technologist.
- Sleep Disorder Specialists.
- Respiratory Care Equipment's Demonstrator

Students Rights and Responsibilities

Respiratory Care Department is a community of scholars in which the ideals of freedom of inquiry, thought, expression, as well as freedom of the individual are sustained. It is committed to preserving the exercise of any right guaranteed to individuals by the laws of the Kingdom of Saudi Arabia. However, the exercise and preservation of these freedoms and rights require a respect for the rights of all in the community to enjoy them to the same extent.

Students Rights

The following are University student rights:

- 1- The student's right to good treatment, and full equality with other students in rights and duties. The student has the right to claim his/her rights on the university campus documenting the texts of the regulations in force at the university.
- 2- The student's right to be provided with the appropriate academic environment to achieve assimilation and study easily by providing all educational capabilities available to serve this goal.
- 3- The student's right to obtain the largest amount of material, and the knowledge associated with the subjects the student studies, whether through systematic lessons, extracurricular activities, or while the student is in college, in accordance with the provisions and regulations governing the academic work in the college.
- 4- The student's right to obtain study plans in the college or department and the

specializations available to him/her, as well as reviewing the schedules before starting the semester, and conducting his/her registration in the courses provided by the system, and the registration rules taking into account the order of priorities in the registration according to fair controls when it is not possible to achieve the wishes of all students in registering a course/subject.

- 5- The student's right to delete a course or add another one, or to not continue or postpone the entire semester, according to the rules of registration in colleges, according to the regulations organizing this.
- 6- The student's right to adhere to the university's faculty members with the dates and times of lectures approved in the academic schedule, and to fulfil scientific and laboratory hours for them.
- 7- The student's right to inquire of his instructor on the university campus, whether during lectures or during the office hours announced to meet the students or through the official e-mail of the university, and discuss the appropriate scientific discussion, and request more clarification and of what the student did not know of science and knowledge, without supervision or punishment if the student did not violate the approved regulations and general morals.
- 8- The student has all the rights stipulated in the list of studies and tests for the undergraduate stage, and the student disciplinary list, including grievance against

disciplinary decisions, re-correction, grievance against a course assessment and other rights.

- 9- The student's right to know the dates of the tests at least one week before they are held (with the exception of pop-quizzes and worksheets)
- 10- The student's right to have exam questions in the course and its content, and issues raised or referred to during the lectures, and to take into account the balanced and logical distribution of grades in order to achieve a fair assessment of the student's capabilities.
- 11- The student's right to perform all the tests that are held for the course unless there is a systematic barrier preventing the student from taking them according to the instructions and regulations for that, providing that the student is informed of his/her deprivation through the official channels of the university (the student's account on the academic portal) with sufficient time.
- 12- The student's right to obtain feedback on his/her performance in the quarterly tests.
- 13- The student's right to know the results obtained in the monthly, quarterly and final exams that were performed after completing their correction and approval.
- 14- The student has the right to review the correction of his/her answer sheet in the final exam as determined by the regulations, decisions and controls issued by the college in organizing that.

- 15- The student has the right to his file contents inside the college campus orderly in a safe place, and not to hand over any of the contents of the file except to the student himself or to entrust him officially, or who authorizes him to do so by the investigating authorities or the judiciary, or another government agency, as well as not to publish any of these contents unless this publication is the result of the decision of a disciplinary punishment against the student.
- 16- The student has the right to participate in scientific organizations, contribute to its formation and work within its activities in accordance with the regulations organizing this.
- 17- The student's right to benefit from the educational services, facilities and means available at the university like laboratories, the library, as well as various educational activities and programs. The student may participate in extracurricular activities carried out at the university that aims to increase the student's experience and develop his/her creativity and expand the scientific and professional awareness, in accordance with the university's applicable laws and regulations.
- 18- The student has the right to participate in sports, cultural or social activities that the university establishes or participates in.
- 19- The student's right to benefit from the psychological and social assistance and care

provided by the university to help the student solve his/her problems that hinder him/her from educational achievement through student, academic and social counseling, and to participate in the activities established there according to the university's regulations and instructions.

- 20- The student has the right to participate in programs, internal and external trips, cultural activities, as well as participate in community service activities and volunteer work that the university establishes or participates in.
- 21- The right of a student with special needs to obtain a service appropriate to his/her needs in accordance with the applicable regulations and rules.
- 22- The student has the right to demand good treatment, be given the opportunity to express his/her opinion, present any project or issue for discussion, and respond to his/her inquiries at an appropriate time for that.
- 23- The student's right to provide the necessary conditions –within the capabilities of the university- to highlight the talents of the students in all scientific, cultural and technical fields.
- 24- The student's right to freedom of expression and discussion of scientific and educational issues within the framework of the university's regulations, rules and established norms in society.

- 25- The student's right to be able to defend him/herself in front of the investigation authority – at the university – in any disciplinary case brought against the student, and not to issue a sentence against the student only after hearing his/her statement, unless his/her presence was not proven after he/she was summoned for the second time according to what is stipulated in the student disciplinary regulations.
- 26- The student's right to complain about any matter that harms him/her in his/her relationship with the members of the teaching staff, or department or any of the university units, and to submit the complaint or grievance in accordance with the rules and instructions regulating this matter, and to enable the student to know the outcome of the complaint by the authority responsible for it.
- 27- The student has the right to file a grievance against the disciplinary decision issued against him/her in accordance with the regulations governing this matter.
- 28- The student's right to obtain the documents granted by the university, including granting him/her a degree when deserved and after completing the requirements for graduation from the university, in accordance with the regulations governing that situation.
- 29- The student's right to obtain an official receipt voucher for all that he/she pays for

the university treasury, and the student has the right to recover what he/she pays as a refundable insurance, in accordance with the regulations and rules.

Student Responsibilities:

- 1- Student's adherence to the rules and ethics of Islam, adherence to general rules and morals, customs, traditions and values of society that are observed and derived from the Islamic religion.
- 2- The student's commitment not to say or do anything that contradicts the Islamic religion, honor, dignity or medical biography and good behavior, or violates the reputation of the university whether inside or outside it. Respect for all university employees, including faculty members, students, employees, workers, and other employees of companies contracting with the university, as well as visiting guests, and not to offend them with words, actions, or any other form.
- 3- The student's commitment to the university's systems, regulations and controls. Also, commitment to all the rules, guidelines, advertisements, and academic and scientific norms, and not to circumvent or violate them, or to provide any false documents to obtain any right or advantage contrary to the provisions of the relevant regulations.
- 4- The student's commitment to pursue and work according to what is stated in the university's regulations such as the list of studies and tests for the university stage,

the disciplinary regulations for students, and the document on the rights and obligations of the university student.

- 5- The commitment of the student to attend to study, work hard, attend all theoretical, practical lectures. The student must not be absent except with an acceptable excuse in accordance with the regulations, and to carry out all academic requirements in light of the rules and dates approved in the academic calendar of the university.
- 6- The commitment of the student to pay the financial sums due to him/her, whether they are tuition fees, student services, fines, etc.

This is before the start of the semester, so that it does not prevent the student from enrolling and starting studying from the beginning of the semester.

- 7- The commitment of the student to review the academic schedule for each semester through the academic portal, and to ensure that there are no mistakes in registering for the academic courses, and in the event of errors in the schedule, the student should quickly contact the registration coordinator in the department.
- 8- The commitment of the student not to cheat or participate in it when preparing and presenting home-works, researches and academic requirements of the subjects. The student also must not attribute any other's work to him/herself, or resort to any unlawful

means in preparing such researches, home-works and other curricular requirements.

- 9- The commitment of the student not to cheat, initiate or participate in it, or help in committing cheating in any way during or outside the performance of the test.
- 10- The commitment of the student not to impersonate any person, or to bring any study materials or devices that are prohibited to the test room or the laboratory, in accordance with the university's regulations and instructions.
- 11- Be calm and abide by the instructions given by the responsible person inside the test room, and not to violate that.
- 12- The student's commitment not to provide any forged documents and knowing that this will expose him/her to punishment according to the grievance and disciplinary regulations.
- 13- The student's commitment to preserve college's facilities and properties, university equipment, materials, and books. Also, to ensure their proper use and return what was borrowed at the specified time without any damage.
- 14- The student's commitment to carry the university card throughout his/her presence at the university, and to present it to the teaching staff or employees when requested by them. Also, upon completion of any transaction for the student inside the university, and the student is prevented from taking the test if he/she does not submit the card to

the person in charge inside the test room.

- 15-The student's commitment not to disrupt or incite the study during lectures, or not to attend these lectures or activities that regulations require the students to attend.
- 16- The commitment of the student to the official/formal uniform to ensure proper respect throughout his/her stay at the university.
- 17-The commitment of the student not to organize any societies or groups within the university, or to participate in them without prior formal permission from the competent authorities of the university.
- 18- The student's commitment not to distribute flyers, to issue wall papers, or to publish and announce any of them on the university's campus. Also, the student must not collect money or signatures without prior official permission from the university's competent authorities.
- 19- The student's commitment not to try to incite, or to participate in demonstrations that violate the general system in the country.
- 20-The student's commitment to represent the university in the assignments assigned to him/her with a good representation that is appropriate for the university's academic standing.

- 21- The commitment of the student to view and read the announcements posted on the notice board inside the university building, or on the official university website, or through the official email for the student, and it needs to be followed/checked on a daily basis. The student is committed not to invoke his/her ignorance of what is published through it.
- 22- The student's commitment during the field training to follow the regulations of the headquarters in which he/she trains in. Also, the student's commitment to the university's systems and to be the best representative of it.

Study and Exams Regulations

Academic Calendar

The Registrar publishes and distributes the annual academic calendar which includes dates for registrations, adding and dropping courses, payment of fees, holidays, final exams, commencement and other important dates. The calendar consists of two 15-

week semesters. It is the responsibility of each student to consult this calendar and follow all deadlines. For more information go to <https://www.um.edu.sa/ar/academic-calendar>.

Orientation Meeting for fresh students:

This meeting is aimed to introduce new students to university, program regulations and facilities as well as provide them with essential guidelines to help them succeed in their studying.

Attendance Regulations

Students are required to attend lectures, laboratory sessions and other teaching activities. They should have at least 75% attendance per semester.

If student attendance is less than 75 %, he/she will be denied entrance to the respective final examination. A student who is denied entrance to the examination due to absences is considered to have failed that course and is given the grade DN in the course.

In case of students Absent due to any cause he/she should submit an Excuse Form, attached with the documents that support his/her absence, through Students Affairs

Department.

Suspension of study

The student will be allowed to apply for suspending the study prior the end of the first week of the semester due an acceptable reason to the head of the department as the postponement period should not exceed two consecutive semesters or three non-consecutive semesters throughout study period at the program, unless student's registration will be closed after that.

Re- Enrolment

The student whose record has been closed may apply for the restoration of his record under the same number before the suspension.

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.

Academic Load per semester

Total number of credit hours that you can study per semester is depend on student's grade point average (GPA).

Student's GPA	Maximum number of credit hours per semester
Less than 2 out of 4	12 hours
2 – less than 2.5	15 hours
2.5 – less than 4	19 hours
4	22 hours

Grade Codes:

Grade Code	Mark Range	Points	Grad
A+	95 - 100	4.00	Exceptional
A	90 - Less than 95	3.75	Excellent
B+	85 – Less than 90	3.50	Superior
B	80 – Less than 85	3.00	Very Good
C+	75 – Less than 80	2.50	Above Good

C	70 – Less than 75	2.00	Good
D+	65 – Less than 70	1.50	High Pass
D	60 – Less than 65	1.00	Pass
F	Less than 60	0	Fail
IP	-	-	In Progress
IC	-	-	In complete
DN	-	0	Denial
NP	60 or above	-	No Grade – Pass
NF	Less than 60	-	No Grade – Fail
W	-	-	Withdrawn

Degree Award

The first-class honors degree will be award to the student who scores GPA of 3.75 to 4.00 upon graduation. The second-class honors degree willbe award to the student scoring GPA of 3.25 to less than 2.75 upon graduation.

Exams Regulations

- 1- Students should be at the exam room at least 15 min before the exam starts, and sign the exam's attendance sheet. The exam buildingwill be closed after the exam starts.
- 2- Students are not allowed to enter the exam room without the college ID.
- 3- Students are not allowed to enter the exam room after half an hour of the exam or when

any student left the exams room under any circumstances.

- 4- Students are not allowed to carry into the exam room any electronic devices such as mobile phones or smart watches or airpods. The college is not responsible in case of loss of such device.
 - 5- Students are not allowed to carry into the exam room any papers, handouts, references, or any materials related to the course.
 - 6- Students should focus on their exam, and should not talk to colleagues, keep turning their faces, or perform any type of gestures during exam.
 - 7- Students are not allowed to leave the exam room while they are conducting the exam under any circumstances
-
- 8- Students must maintain the college property, and should avoid any writing on the room boards, seats, or table. Also, should avoid any writing on hands. Such case is considered as type of cheating.
 - 9- There should be complete silence during the exam to provide a proper examination environment by avoid chatting or using the mobile phones by the invigilators.
 - 10- Students can submit their answer after half an hour of the start of exam.

- 11- The exam will be submitted automatically by Moodle at the end of exam time.
- 12- Students should use pen with blue or black color when writing on the answer sheets, pencils can be used at the Mathematics and Statistics course only to review the answer.
- 13- Calculators are not allowed during exam except for the courses that required such and determined by a decision by the department chair, and such device are not allowed to be passed between students.
- 14- Students must adhere to the college dress code all the time and during final exams.

Student Services

Scholarships

Some scholarships for college are merit-based. You earn them by meeting or exceeding certain standards set by the scholarship-giver. Merit scholarships might be awarded based on academic achievement or on a combination of academics and a special talent, trait, or interest.

Learning Management System (LMS)

The college decided to use Moodle as its learning management system, and since then students have accessed most of their class resources and activities using this platform. Faculty members were trained to design courses and upload material in Moodle with the support of the Moodle administrator.

Academic Portal

Student portals used to provide information about the study plan, special events, course details, grades and contact information.

Library

Library has an appropriate and various resources such as references, books, scientific journals, atlases, dictionaries and electronic services. It contains digital databases of global libraries and an electronic learning system.

As student you will provide with access to **Saudi Digital Library** which one of the largest sources of academic information.

Guidance and Counselling Services

Student orientation and guidance is an essential element of the educational process. Therefore, RCD will assign to each student an academic advisor who will act as a mentor, providing academic and career advice as well as general counselling.

Counselling Services

The College provides care, promotes each student's ability to seek appropriate mental care

and treatment, respond to emergencies, and educates students toward balanced physical and mental health and wellness. These are Guidance areas:

1. Academic advising:

It is the main pillar of guidance, and it aims to provide the necessary support to the students during their studies so that they can complete the study plan within the time period in the easiest and most efficient way. Academic advisors will provide help in selecting students course of study and in planning their schedule. Advisors also approve students' schedules each semester. However, students are responsible for selecting their courses, meeting course prerequisites, and adhering to college policies and procedures.

The advisor's role is to assist the student in obtaining a well-balanced education and in interpreting college policies and procedures. Students may also consult faculty, department or program chairs, program coordinators, and dean.

2. Psychological Counselling:

It aims to guide the students' personality in a proper direction, change their view of themselves for the better, and realize the relationship between them and others and improving

it and enhancing their academic level, and being able to solve their problems by themselves, make their decisions efficiently, and overcome the psychological impediments that may impose them between success and distinction.

3. Social Counselling:

It aims to prepare the students for positive interaction with their community, with its values, behaviors and diversity, and to adapt to that. Also, enhancing the students' role in contributing to community service, development, and interaction with them in a way that benefits themselves and their community.

4. Educational and Preventive Counselling:

Awareness and preventive counselling pursue a policy of "prevention is better than cure", and in this way we prevent problems before they occur, by raising awareness of virtuous values and good principles, and strengthening them, and giving students a faithful dose in appropriate and modern methods, which helps them avoid problems they might go through at this age and current circumstances.

5. Career Advice:

Career counselling aims to prepare the students to enter the field of work and professional career competently by developing and refining their personal and behavioral characteristics, and training them on the necessary skills for success and excellence in their professional job. In addition to helping them in job search skills such as writing CV's, personal interviewing skills, respecting work, working in a team, teamwork ethics and the like.

Student Code of Ethics and Charter

Students must commit to University regulations regarding ethics and charter that include the following:

1. Show full respect towards their teachers.
2. Cooperate amongst themselves and duly appreciate and respect each other.

3. Maintain absolute quietness within and outside classrooms.
4. Safeguard departments and college's properties and not cause any damage to them.
5. Adhere to the academic and administrative rules and regulations of the college and university.
6. Abide by classes, laboratory, and practical schedules.
7. Be familiar with university's regulations and rules, in particular those related to their study plans.
8. Attend all classes and laboratory session unless excused as per university's rules and regulations.
9. Abide by university's rules and regulations related to exams and not cheat or attempt to do so when sitting for their exams.
10. Maintain professional and academic honesty and integrity whilst conducting research and other study duties.
11. Refrain from smoking at all university's premises.
12. Take active part in the college's scientific and social programs.

13. Maintain and safeguard reputation of their college and university being ambassadors of their academic institutions.

Complaints and Grievances

Respiratory care program expects all students to maintain complete academic honesty and integrity in their academic experiences both in and out of the classroom. The College may initiate disciplinary proceedings against a student accused of any form of academic dishonesty, including but not limited to cheating on an examination or other academic work,

plagiarism, collusion, and/or the abuse of resource materials.

for more information scan the barcode



Respiratory Care Program Study Plan

Degree requirement

To earn a Bachelor of Science in Respiratory Care, Students must successfully complete total of (140) credit hours. The required period for the completion of the Bachelor of Sciences Degree in RC is no less than three and half academic years (seven semesters), in addition to the completion of one calendar year of Respiratory care internship (2 credits hours).

Course Code	Course Title	Credit Hours	Cours eCode	Course Title	Credit Hours
1 st Year Semester 1			1 st Year Semester 2		
BIOS 101	Biostatistics	3	BIOL 101	General Biology	4
COMP 100	Computer Essentials	3	ARAB 103	Arabic Language II (elective)	2
ISLM 101	Islamic Culture (elective)	2	CHEM 101	General Chemistry	4
ARAB 101	Arabic Language I (elective)	2	ENGL 102	General English II	5
PHYS 101	General Physics	3	ENGL 103	English for Health Sciences	3
ENGL 101	General English I	5	ENTR 101	Entrepreneurship (elective)	2
Total	18 hours		Total	18 hours	
2 nd Year Semester 3			2 nd Year Semester 4		
Course Code	Course Title	Credit Hours	Cours eCode	Course Title	Credit Hours
RSTH 226	Patient Care Methods	2	PAAS 230	Patient Assessment	3
ANAT 201	Anatomy	3	RSTH 225	Cardiopulmonary Anatomy and Physiology	3
PHSL 201	Human Physiology	3	RSTH 231	Respiratory Care Pharmacology	3
BIOC 200	Biochemistry	3	RSTH 241	Respiratory Care Science I	4
MICR 201	Microbiology	3	ISLM 103	Economic System in Islam (elective)	2
COMM201	Communication Skills	2	PSYC 201	Introduction to Psychology	3

Total	16 hours		Total	18 hours	
	3rd Year Semester 5			3rd Year Semester 6	
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
RSTH 323	Pulmonary Function Methodology	3	NURS 353	Teaching-Learning Strategies	3
RSTH 325	Diagnostic Techniques	2	RSTH 330	Cardiology and ECG	4
RSTH 342	Respiratory Care Science II	4	RSTH 343	Respiratory Care Science III	4
RSTH 351	Respiratory Care Practicum I	3	RSTH 352	Respiratory Care Practicum II	3
RSTH 371	Cardiopulmonary Diseases I	2	RSTH 372	Cardiopulmonary Diseases II	2
ISLM 301	Contemporary Islamic Issues	2	COMP 201	Computer for Health Sciences	2
PATH 201	Pathophysiology	3			
Total	19 hours		Total	18 hours	
	4th Year Semester 7			4th Year Semester 8	
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
RSTH 421	Perinatal & Paediatric Respiratory Care	4	RSCH 460	Research Methods for Health Sciences	3
RSTH 441	Mechanical Ventilation	4	RSTH 424	Exercise Physiology and Pulmonary Rehabilitation	3
RSTH 452	Respiratory Care Practicum III	3	RSTH 453	Respiratory Care Practicum IV	3
RSTH 466	Advanced Diagnostic Techniques	2	RSTH 464	Case Management in Respiratory Care	2
RSTH 482	Management and Leadership in Health Care	2	RSTH 480	Critical Care	3
COMH 300	Community Health	2	ETHC 411	Ethics and Law for Health Professions	2
Total	17 hours		Total	16 hours	

5 th Year Semester 9			5 th Year Semester 10		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
RSTH 501	Internship - 1		RSTH 502	Internship - 2	

First Year: Semester 1

Course Description:

This course is designed to provide students with a basic understanding of biostatistics. It covers descriptive statistics and Simple inferential. Graphical and tabular displays as well as Simple linear regression and correlations are also covered.

Course Name: Biostatistics	اسم المقرر : الإحصاء الحيوي
Course Code: BIOS 101	رمز المقرر احص 101
Credits: 3 (3 + 0 + 0)	عدد الساعات المعتمدة: 3 (0 + 0 + 3)
Pre-requisite: None	المتطلبات: لا يوجد

Course Description:

This course is designed to provide students with a basic understanding of biostatistics. It covers descriptive statistics and Simple inferential. Graphical and tabular displays as well as Simple linear regression and correlations are also covered.

Course Code: COMP 100	رقم المقرر ورمزه : حاسب 100
Course Name: Computer Essentials	اسم المقرر : أساسيات الحاسب
Credits: 3 (2 + 1 + 0)	المعتمدة الساعات عدد: 3 (0+1+2)
3 (2 + 1 + 0) عدد الساعات المعتمدة:	(2 + 1 + 0) عدد الساعات المعتمدة: 3
Pre -requisite: None	المتطلب السابق : لا يوجد

Course Description:

The goal of computer essentials is to provide students with the basis for understanding the concepts necessary for success in the information age.

Course Code: ISLM 101	رقم المقرر ورمزه :سلم 101
Course Name: Culture Islamic	اسم المقرر : الثقافة الاسلامية
Credits: 2 (2 + 0 + 0)	عدد الساعات المعتمدة: 2 (0+0 +2)
Pre -requisite: None	المتطلب السابق : لا يوجد

وصف المقرر:

يتضمن المقرر تحديد مفهوم الخالق ومكانتها في الدين الإسلامي وأهميتها للحياة الإنسانية وخصائص الخالق في السالم والسلوك الإرادي للنفس البشرية، وأنواعه، وأهدافه.

Course Code: ARAB 101	رقم المقرر ورمزه :عرب 101
Course Name : Arabic Language-I	اسم المقرر : لغة عربية 1
Credits: 2 (2 + 0 + 0)	المعتمدة الساعات عدد: 2 (0+0 +2)
Pre -requisite: None	المتطلب السابق : لا يوجد

وصف المقرر:

يعطي المقرر الطالب القدرة على القراءة والكتابة السليمة من خلال بعض الدروس النحوية التي تكثر فيها أخطاء الطالب، كما يتعرف الطالب على بعض المصطلحات النحوية واللغوية لتنمية مهاراته الكتابية والشفوية من خلال مناقشة بعض النصوص القصيرة، وتحليلها لغوياً.

Course Code: PHYS 101	رقم المقرر ورمزه :فيز 101
Course Name : Physics General	اسم المقرر :الفيزياء العامة
Credits: 3 (2 + 1 + 0)	المعتمدة الساعات عدد: 3 (0+1 +2)
Pre -requisite: None	المتطلب السابق : لا يوجد

Course Description:

This Course is designed to give students the basic knowledge necessary to understand the basic concepts of mechanics, basic electricity, magnetism, optics and modern physics, which are relevant to their future study in the health colleges.

Course Code: ENGL 101	رقم المقرر ورمزه : نجم 101
Course Name : General English-1	اسم المقرر : اللغة الانجليزية 1
Credits: 5 (4 + 1 + 0)	المعتمدة الساعات عدد: 5 (0+1+4)
Pre -requisite: None	المتطلب السابق : لا يوجد

Course Description:

This course perspective is a self-integrated, intensive English language program for high school graduates who contemplate college.

First year Semester 2

Course Code: Biol 101	رقم المقرر ورمزه : حين 101
Course Name : Biology General	اسم المقرر : الأحياء العامة
Credits: 4 (3 + 1 + 0)	المعتمدة الساعات عدد: 4 (0+1+3)
Pre -requisite: None	المتطلب السابق : لا يوجد

Course Description

This course serves as an introduction to the basic principles of biology with emphasis on structure and function at the molecular and cellular levels

Course Code: ARAB 103	رقم المقرر ورمزه :عرب 103
Course Name : Arabic Language-II	اسم المقرر : لغة عربية 2
Credits: 2 (2 + 0 + 0)	المعتمدة الساعات عدد: 2 (0+0 +2)
Pre -requisite: None	المتطلب السابق : لا يوجد

وصف المقرر:

يُعطي المقرر فكرة عم اللغة ونشأتها ، وطريقة تركيب الكلمات، ثم تركيب الجملة، الأمر الذي يساعد على كتابة الفنون النثرية من مقال ورسائل وتقارير، إضافة إلى تدعيم ذلك بأهم القواعد الاملائية والكتابية التي تُمكن من الكتابة السليمة والواضحة الخالية من اللبس والغموض، وذلك من خلال النصوص العربية قديمها وحديثها .

Course Code: Chem 101	رقم المقرر ورمزه : كيم 101
Course Name : Chemistry General	اسم المقرر :الكيمياء العامة
Credits: 4 (3 + 1 + 0)	المعتمدة الساعات عدد: 4 (0+1+3)
Pre -requisite: None	المتطلب السابق : لا يوجد

Course Description

This course cover comprehensive concept in all aspects of general and organic chemistry.

Course Code: ENGL 102	رقم المقرر ورمزه :نجم 102
Course Name : General English I I	اسم المقرر :اللغة الانجليزية 2
Credits: 5 (4 + 1 + 0)	المعتمدة الساعات عدد: 5 (0+1+4)
Pre -requisite: ENGL 101	المتطلب السابق : نجم 101

Course Description:

This course perspective is a self-integrated, intensive English language program for intending students of health and scientific colleges. This course is a continuation to the previous course (ENGL 101) to improve the students' proficiency in English

Course Code: ENGL 103	رقم المقرر ورمزه :نجم 103
Course Name : Sciences Health for English	اسم المقرر :اللغة الانجليزية للعلوم الصحية
Credits: 3 (2 + 1 + 0)	المعتمدة الساعات عدد:3 (0+1+2)
Pre -requisite: ENGL 101	المتطلب السابق : نجم 101

Course Description:

The course aims at enabling the students to read and write English texts fast and in the most efficient way possible. This is carried out through focusing on special reading skills such as scanning and interpreting charts, tables, etc. The curriculum contains ESP texts with the intention to expose the student to a maximum amount of ESP terminology

Second Year Semester 3

Course Code: RSTH 226	رقم المقرر ورمزه :تنفسي 226
Course Name : Methods Care Patient	اسم المقرر :طرق العناية بالمرضى
Credits: 3 (2 + 1)	عدد الساعات المعتمدة: 3 (1+2)
Pre -requisite :None	المتطلب السابق : لا يوجد

Course Description:

This course will provide a foundation of basic patient care information and skills for respiratory care professionals entering the clinical environment.

Course Code: ANAT 201	رقم المقرر ورمزه:شرح 201
Course Name : ANATOMY	اسم المقرر :تشريح
Credits: : 3 (2 + 1)	عدد الساعات المعتمدة: 3 (1+2)
Pre -requisite: Biol 101	المتطلب السابق : حين 101

Course Description:

This course is given to introduce the students to the basic knowledge regarding the structural anatomy of the various body systems and organs and the relation between the various systems and organs.

Course Code: PHSL 201	رقم المقرر ورمزه: فسل 201
Course Name : Human Physiology	اسم المقرر : علم وظائف الاعضاء
Credits: 3 (2 + 1)	عدد الساعات المعتمدة: 3 (1+2)
Pre -requisite: Biol 101	المتطلب السابق : حين 101

Course Description:

This course describes structure and explain functions of each major organs in human body and body systems and explains how normal body functions are regulated and altered in disease process.

Course Code: MICR201	رقم المقرر ورمزه: ميك 201
Course Name : Microbiology for Health Sciences	اسم المقرر : علم الاحياء الدقيقة
Credits: 2 (2+0+0)	عدد الساعات المعتمدة: 2(0+0+2)
Pre -requisite: Biol 101	المتطلب السابق : حين 101

Course Description:

The main purpose of this course is preparing health sciences students for understanding of the impact of different types of microbes, infectious diseases, infection control and safety measures in hospital/community environment on human health and how to use this knowledge in order to improve the patient care.

Course Code: BIOC 200	رقم المقرر ورمزه : كيم 200
Course Name : Biochemistry	اسم المقرر : كيمياء حيوية
Credits: 3 (3 + 0+0)	عدد الساعات المعتمدة: 3 (0+0+3)
Pre -requisite: CHEM 101	المتطلب السابق : كيم 101

Course Description:

It is covers fundamental theoretical concepts of biochemistry and Metabolic pathways of biomolecules.

Course Code:COMM 201	رقم المقرر ورمزه :وصل 201
Course Name : Communication Skills	اسم المقرر :مهارات الاتصال
Credits: 3 (3 + 0+0)	عدد الساعات المعتمدة: 3 (0+0+3)
Pre -requisite: None	المتطلب السابق : لا يوجد

وصف المقرر:

يركز هذا المقرر على الدوات والمهارات اللازمة لتنمية مهارات الصغاء وطريقة العرض وصياغة الاسئلة الجيدة أثناء التواصل.

Second Year Semester 4

Course Code:PAAS 230	رقم المقرر ورمزه :تمض 230
Course Name : Patient Assessment	اسم المقرر :تقييم المريض
Credits: 3 (2 + 1)	عدد الساعات المعتمدة: 3 (1+2)
Pre -requisite: None	المتطلب السابق : لا يوجد

Course Description

The focus of the course is on psychosocial and physical assessment of patients in a variety of settings. The emphasis is on physical examination and historical data collection. The four basic methods of physical examination (inspection, palpation, percussion and auscultation) are presented and demonstrated.

Course Code:RSTH 225	رقم المقرر ورمزه :تنفسي 225
Course Name: Cardiopulmonary Anatomy and Physiology	اسم المقرر :علم تشريح وظائف القلب والرئة
Credits: 3 (3 + 0+0)	عدد الساعات المعتمدة: 3 (0+0+3)
Pre -requisite:PHSL 201 and ANAT 201	المتطلب السابق : فصل 201-شرح 201

Course Description

This course will familiarize students with anatomy and physiology of the cardiopulmonary system. A sound grasp of the fundamentals are important to produce a knowledgeable, effective practitioner.

Course Code: RSTH231	رقم المقرر ورمزه :تنفسي 231
Course Name : Respiratory Care Pharmacology	اسم المقرر :ادوية الرعاية التنفسية
Credits: 3 (3 + 0+0)	عدد الساعات المعتمدة: 3 (0+0+3)
Pre -requisite: None	المتطلب السابق : لا يوجد

Course Description:

This course will provide a strong foundation of the drugs presently pertaining to the field of respiratory care. General principles of pharmacology as those applied to aerosol drug therapy, IV, and instilled drugs will be taught along with calculations of drug doses.

Course Code:RSTH 241	رقم المقرر ورمزه :تنفسي 241
Course Name : Respiratory Care Science I	اسم المقرر :علم الرعاية التنفسية -1
Credits: 4 (3 + 1+0)	عدد الساعات المعتمدة: 4 (0+1+3)
Pre -requisite: None	المتطلب السابق : لا يوجد

Course Description:

This course provides the fundamental of respiratory care profession principles that are necessary to understand the succeeding sciences subjects and dealing with basic respiratory equipment used in the general wards with stable patients.

Course Code: ISLM 103	رقم المقرر ورمزه :سلم 103
Course Name: Economic in Islam system	اسم المقرر : النظام الاقتصادي في الاسلام
Credits: 2 (2 + 0 + 0)	عدد الساعات المعتمدة: 2 (0+0 +2)
Pre -requisite: ISLM 101	المتطلب السابق : سلم 101

وصف المقرر:

يوضح المقرر أهم مصادر النظام الاقتصادي و أسسه و أصوله و خصائصه و يقارنها بالأنظمة الاقتصادية الوضعية.

Course Code: Psyc201	رقم المقرر ورمزه :نفس 201
Course Name : Introduction to psychology	اسم المقرر : مدخل الى علم النفس
Credits: 3 (3 + 0+0)	عدد الساعات المعتمدة: 3 (0+0+3)
Pre -requisite: None	المتطلب السابق : لا يوجد

Course Description:

This course is introductory one that covers history of psychology, principles and fields, schools of psychology learning theories- memory levels- live span development- intelligence- psychological disorders and therapies.

Third Year Semester 5

Course Code:RSTH323	رقم المقرر ورمزه :تنفسي323
Course Name : Pulmonary Methodology Function	اسم المقرر :طرق فحص وظائف الرئة
Credits: 3 (3 + 0+0)	عدد الساعات المعتمدة: 3 (0+0+3)
Pre -requisite : RSTH225	المتطلب السابق : تنفسي 225

Course Description:

Study pulmonary diagnostic techniques with an emphasis on pulmonary function testing and interpretation.

Course Code: RSTH 325	رقم المقرر ورمزه : تنفسي 325
Course Name : Diagnostic Techniques	اسم المقرر : تقنيات التشخيص
Credits: 2 (2 + 0+0)	عدد الساعات المعتمدة: 2 (0+0+2)
Pre -requisite: RSTH 230	المتطلب السابق : تنفسي 230

Course Description:

This course will continue the study of diagnostic procedures in the field of Respiratory Care. The on physical assessment, interpretation of ABG, evaluation of chest radiographs and laboratory results, and cardiopulmonary diagnostic assessment of the pulmonary patients.

Course Code: RSTH 342	رقم المقرر ورمزه : تنفسي 342
Course Name : Respiratory Care Science II	اسم المقرر : علم الرعاية التنفسية II
Credits: 4 (3 +1)	عدد الساعات المعتمدة: 4 (1+3)
Pre -requisite: RSTH241	المتطلب السابق : تنفسي 241

Course Description:

This course is designed to give the students a detailed view over topics that cover various aspects of Respiratory Care Science, and drew the focus on the assessment of respiratory disorders.

Course Code: RSTH 351	رقم المقرر ورمزه : تنفسي 351
Course Name : Clinical Practicum I	اسم المقرر : ممارسة الرعاية التنفسية -1
Credits: 3	عدد الساعات المعتمدة: 3
Pre -requisite: RSTH241	المتطلب السابق : تنفسي 241

Course Description:

This is the first introductory of the student to patient and hospital setting. Student will develop skills of basic patient assessment, communication skills and infection control procedures.

Course Code:RSTH 371	رقم المقرر ورمزه :تنفسي 371
Course Name : Cardiopulmonary Disease I	اسم المقرر :أمراض القلب والرئة 1
Credits: 2 (2 + 0+0)	عدد الساعات المعتمدة:2 (0+0+2)
Pre -requisite: RSTH 225	المتطلب السابق : تنفسي 225

Course Description:

This course consists of a study of the aetiology, pathophysiology, diagnosis, treatment, and prognosis of several selected diseases that affect the cardiopulmonary system.

Course Code: ISLM 301	رقم المقرر ورمزه :سلم 301
Course Name : Contemporary Jurisprudential Medical Issues	اسم المقرر قضايا فقهيه طبية معاصرة
Credits: 2 (2 + 0+0)	عدد الساعات المعتمدة:2 (0+0+2)
Pre -requisite: None	المتطلب السابق : لا يوجد

وصف المقرر:

يوضح المقرر أهم القضايا الطبية المعاصرة من الناحية الفقهية و يبين الأحكام المتعلقة بالمرضى و الممارس الصحي.

Course Code:Path 201	رقم المقرر ورمزه :مرض 201
Course Name : Pathophysiology	اسم المقرر :علم امراض وظائف الاعضاء
Credits: 3 (3 + 0+0)	عدد الساعات المعتمدة: 3 (0+0+3)
Pre -requisite: ANAT 201 and MICRO 201	المتطلب السابق : ميك 201-شرح 201

Course Description:

The course focuses on basic mechanisms underlying illness and disease as a basis for understanding pathophysiological changes that occur within the internal environment of individual, in presence of dysfunction or disease.

Third Year Semester 6

Course Code: NURS 353	رقم المقرر ورمزه :تمضى 353
Course Name : Teaching and learning strategy	اسم المقرر :استراتيجيات التعليم والتعلم
Credits: 3 (2 + 1+0)	عدد الساعات المعتمدة: 3 (0+1+2)
Pre -requisite: None	المتطلب السابق : لا يوجد

Course Description:

The major focus of the course is on the application of principles of adult learning in the development of learner-oriented units of instruction.

Course Code:RSTH 330	رقم المقرر ورمزه :تنفسي 330
Course Name : Cardiology and ECG	اسم المقرر :طب وتخطيط القلب
Credits: 4 (4 + 0+0)	عدد الساعات المعتمدة: 4 (0+0+4)
Pre -requisite: RSTH 225, PAAS 230	المتطلب السابق : تنفسي 225-تمضى 230

Course Description:

This course will provide a comprehensive introduction to diseases of the cardiovascular system. Emphasis will be placed on the basic mechanisms by which cardiac illnesses develop assessment of cardiac illnesses and basic modalities of care and treatments used for such illnesses.

Course Code:RSTH 343	رقم المقرر ورمزه :تنفسي 343
Course Name : Respiratory Care Science III	اسم المقرر : علم الرعاية التنفسية III
Credits: 4 (3 + 1+0)	عدد الساعات المعتمدة: 4 (0+1+3)
Pre -requisite: RSTH 342	المتطلب السابق : تنفسي 342

Course Description:

This course will introduce students to mechanical ventilation and cardio-respiratory care modalities.

Course Code: RSTH 352	رقم المقرر ورمزه :تنفسي 352
Course Name : Clinical Practicum II	اسم المقرر :ممارسة الرعاية التنفسية 2

Credits: 3	عدد الساعات المعتمدة: 3
Pre -requisite: RSTH 342 and RSTH 351	المتطلب السابق :تنفسي 342-تنفسي 351

Course Description:

This course is a continuation of clinical practice I and allows the student to further integrate classroom and laboratory instruction into the practice of respiratory care. Areas of emphasis include: bedside patient assessment techniques, airway management, lung expansion techniques, chest physiotherapy, and protocol implementation, development of patient care plans, oxygen, humidity and aerosol administration.

Course Code:RSTH372	رقم المقرر ورمزه :تنفسي 372
Course Name : Cardiopulmonary disease II	اسم المقرر : أمراض القلب والرئة II
Credits: 2	عدد الساعات المعتمدة: 2
Pre -requisite: RSTH372 and RSTH 225	المتطلب السابق : تنفسي 372-تنفسي 225

Course Description:

This course focus on the pathological changes, clinical findings, and treatment of other major pulmonary diseases.

Course Code:COMP 201	رقم المقرر ورمزه :حاسب 201
Course Name : Computers for Health Sciences	اسم المقرر :الحاسب للعلوم الصحية
Credits: 2	عدد الساعات المعتمدة: 2
Pre -requisite: COMP100	المتطلب السابق : حاسب 100

Course Description:

This course is designed to provide the student with knowledge about advanced computer technology and its application in the healthcare field.

Fourth Year Semester 7

Course Code: RSTH 421	رقم المقرر ورمزه :تنفسي 421
Course Name : Neonatal & Care Respiratory Pediatric	اسم المقرر :الرعاية التنفسية للأطفال وحديثي الولادة

Credits: 4	عدد الساعات المعتمدة: 4
Pre -requisite: RSTH 343 and RSTH 371	المتطلب السابق : تنفسي 343-تنفسي 371

Course Description:

This course will focus on neonatal and pediatric special features, pathologies, mechanical ventilation that are necessary to function in the Neonatal and Pediatric intensive care units

Course Code: RSTH 441	رقم المقرر ورمزه :تنفسي 441
Course Name : advanced mechanical ventilation	اسم المقرر :التنفس الصناعي
Credits: 1+3	عدد الساعات المعتمدة: 1+3
Pre -requisite: RSTH 343	المتطلب السابق : تنفسي 343

Course Description:

After completing this course, students are expected to understand advanced concepts of mechanical ventilation, and to apply these concepts to manage patients with variety of cardiopulmonary disorders.

Course Code: RSTH 452	رقم المقرر ورمزه :تنفسي 452
Course Name : Respiratory Care practicum III	اسم المقرر : ممارسة الرعاية التنفسية 3
Credits: 3	عدد الساعات المعتمدة: 3
Pre -requisite: RSTH 352 & RSTH 343	المتطلب السابق : تنفسي 352-تنفسي 343

Course Description:

This is the third course in the Respiratory Care Practicum series, and is designed to allow the student to function in the role of primary care giver. Emphasis is placed upon proficiency of basic respiratory care procedures, administration of aerosol drugs, and care of the patient receiving mechanical ventilation.

Course Code: RSTH 466	رقم المقرر ورمزه :تنفسي 466
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Course Name : Techniques Diagnostic Advanced	اسم المقرر :تقنيات التشخيص المتقدمة
Credits: 2 (2 + 0+0)	عدد الساعات المعتمدة:2 (0+0+2)
Pre -requisite: RSTH 372 & RSTH 325	المتطلب السابق : تنفسي372-تنفسي 325

Course Description:

This course is designed to orient the student to some of the more advanced techniques used in the evaluation of patients with cardiopulmonary disease.

Course Code:RSTH 482	رقم المقرر ورمزه :تنفسي 482
Course Name : Management and Leadership in Health Care	اسم المقرر :الادارة والقيادة في الرعاية الصحية
Credits: 2 (2 + 0+0)	عدد الساعات المعتمدة:2 (0+0+2)
Pre -requisite: RSTH 372 and RSTH 325	المتطلب السابق :تنفسي 372-تنفسي 325

General Description

This course offers an introduction to Theories and principles of leadership and management in health care, which provide the foundation for management of self, health care providers, multiple clients and professions in the delivery of health care. Career paths, job seeking skills and professional responsibilities are explored.

Course Code:HEAL 300	رقم المقرر ورمزه :صحة 300
Course Name : Community Health	اسم المقرر :صحة المجتمع
Credits: 2 (2 + 0+0)	عدد الساعات المعتمدة:2 (0+0+2)
Pre -requisite: None	المتطلب السابق : لا يوجد

Course Description:

This course is designed to provide the students with the knowledge, skills and attitudes necessary for health care practice in a variety of community-based settings. The focus of health care expands from individual to family, group and the community.

Course Code: RSCH460	رقم المقرر ورمزه : بحث 460
Course Name : Research Methods for Health Sciences	اسم المقرر : طرق البحث للعلوم الصحية
Credits: 3 (3 + 0+0)	عدد الساعات المعتمدة: 3 (0+0+3)
Pre -requisite: None	المتطلب السابق : لا يوجد

Course Description:

The main purpose of this course is to underscore the importance of research in health science practice and introduce students to the different steps in the research process. The course will end with explanation of general guidelines for writing a scientifically appropriate research proposal.

Course Code:RSTH 464	رقم المقرر ورمزه : تنفسي 464
Course Name : Case management	اسم المقرر : إدارة حالات الرعاية التنفسية
Credits: 2	عدد الساعات المعتمدة: 2
Pre -requisite: RSTH 441and RSTH 421	المتطلب السابق : تنفسي 441-تنفسي 421

Course Description:

This course will focus on cases involving patients receiving intensive cardiorespiratory care modalities. Students will develop patient care plans using evidence-based or clinical practice guidelines.

Course Code: RSTH 453	رقم المقرر ورمزه : تنفسي 453
Course Name : Respiratory Care practicum IV	اسم المقرر : ممارسة الرعاية التنفسية 4
Credits: 3	عدد الساعات المعتمدة: 3
Pre -requisite: RSTH 452 & RSTH 441	المتطلب السابق : تنفسي 452-تنفسي 441

Course Description:

This is the fourth course in the Respiratory Care Practicum series, and it is involving the care of patients who are placed in sub-acute settings in NICU, PICU, Sleep Disorder Breathing, Home Care, Pulmonary Function lab and Hyperbaric Oxygen therapy.

Course Code: RSTH 424	رقم المقرر ورمزه :تنفسي 424
Course Name : Exercise Physiology and Pulmonary Rehabilitation	اسم المقرر :التمارين الرياضية والتأهيل الرئوي
Credits: 3 (2 + 1+0)	عدد الساعات المعتمدة: 3 (0+1+2)
Pre -requisite: RSTH 323 & RSTH372	المتطلب السابق : تنفسي 323-تنفسي372

Course Description:

This course provides the student with an in-depth study of pulmonary rehabilitation with an emphasis on basic concept of pulmonary rehabilitation, therapeutic intervention.

Course Code:RSTH 480	رقم المقرر ورمزه :تنفسي 480
Course Name : Critical care	اسم المقرر :العناية الحرجة
Credits: 3	عدد الساعات المعتمدة:3
Pre -requisite: RSTH 441	المتطلب السابق :تنفسي 441

Course Description:

This course is designed to continue the study of diagnostic and therapeutic procedures in the field of Respiratory Care. The emphasis is placed on the management of mechanical ventilation and critical respiratory conditions.

Course Code: ETHIC 411	رقم المقرر ورمزه :خلق 411
Course Name : Ethics and law for health profession	اسم المقرر :أخلاقيات وقوانين الممارسة الطبية
Credits: 2 (2 + 0+0)	عدد الساعات المعتمدة:2 (0+0+2)
Pre -requisite: None	المتطلب السابق : لا يوجد

Course Description:

This course introduces foundation of ethics and medical practice law. It also enhances students aware of their rights and duties towards their patients, community, colleagues, professions and the institutions to whom they work.

Rules and Regulations of Clinical Training

I. Personal Appearance

Students are expected to comply with University policies regarding personal appearance and dressing.

- 1- Dress code is to comply with Islamic requirements & clinical affiliate sites regulations.
- 2- Clean white (knee length) lab coat that is free of wrinkles. (Lab jackets are unacceptable.)
- 3- Scrub suit uniform of good fit (not too tight and not too baggy) and color (unless clinical affiliate site has a specific scrub color requirements) will be worn for all affiliated clinical sites.

It is important for students to contribute to our public image through proper dress and personal grooming.

II. Breaks

Students are entitled for the following breaks during 8-hour shift:

- Breakfast break: 15 minutes.
- Lunch break: 45 minutes.

Or

- One-hour break at prayer time.

Clinical Attendance:

Each semester of the clinical education is designed to allow students varied experience. the clinical rotation schedule will reflect the required number of clinical hours. absences from clinical education will result in absences from patient experiences. It is not possible to make up the missing experience by any method other than completing the incurred

absences. students are required to **attend 9 hours** of clinical training per week. from 7:00 am -3:00 pm.

I. Clinical Education Absence:

1. Only **excused absence** considered for make-up.
2. Days to be made up must be arranged with the Clinical Instructor of the clinical site and is to be completed on the final clinic-scheduled week, which is delegated as **"Make-up Week"** before the end of the semester.
3. The clinical site for make-up will be at the discretion of the Clinical Instructor concerned, and the clinical performance objective will be the same as what the student has missed.
4. Student who is sick should directly notify the Clinical Instructor in the morning on the same day or the night before the clinic day.
5. **Unexcused absences** will decrease the student's ability to perform competencies that are required for passing the course, will influence **the end of rotational assessment grade** and calculated in the percentage of absence.
6. As per University policy on absences, any student incurring absences of 25% and above shall not be allowed to take the final comprehensive examination. Equivalent to two unexcused absents

II. Clinical Tardiness:

1. Prompt attendance is required in all clinical courses. Your level of attendance is included in your daily evaluation and should affect your daily performance and subsequently your final semester grade.
2. If a student is going to be late, he or she should call clinical instructor of the respective hospital that he/she is assigned.
3. Less than 15 minutes of tardiness, student can be accepted and attend the clinic day.
4. Students who will come after the 30-minute grace period will not be allowed to attend the clinic and will lose the

opportunity for clinical exposure at that day.

5. Three times (3x) incurred tardiness, will be equal to **one absence** even if it was for 5 minutes only.

Internship Learning Outcomes

Upon completion of this clinical rotation the student will be able to:

- 1- Apply the theory concepts, and skills involving specialized materials, equipment, procedures, regulations, laws, and interactions within clinical environment and hospital organization associated with the particular occupation and organization policies and procedures.

- 2- Perform without assistant all adult general care therapeutic and diagnostic respiratory therapy procedures required RSTH 501-502 Respiratory Care Internship 1&2 to the level of the related RC competencies outlined in this log book.

- 3- Demonstrate legal and ethical behaviours, safety practice, interpersonal and team work skills, communicating in the applicable language of the occupation and clinical site.

"Nothing Ever Becomes Real Until It Is Experienced".

AL Maarfa University

Respiratory Care Program Student Acknowledgement Form

I, _____ (print name), have read the Al Marefaa University Respiratory Care Program Student Handbook and I understand its contents.

Further, I agree to abide by the policies and procedures of Al Marefaa University Respiratory Care Program.

Date

Signature