

## ❖ **The Amended Regulations for Awarding Bachelor Degree In Dental Surgery From Jordan University of Science and Technology (JUST)\***

### ▪ **Article 1**

The regulations herein shall be cited as: **"The Regulations For Awarding the Bachelors' Degree in Dental Surgery"** from Jordan University of Science and Technology as amended and shall be applicable in the beginning of the academic year 2009/2010.

### ▪ **Article 2**

Provisions of these regulations shall govern all students enrolled for the Bachelor's Degree in Dental Surgery as of the beginning of the academic year 2009/2010 with consideration to the Deans' Council Resolutions related to other students enrolled in different years.

## **The Study Plan**

### ▪ **Article 3**

The Dean's Council shall approve the study plan that qualifies the students the award of the Bachelor's Degree in Dental Surgery based on the recommendation of the Faculty of Dentistry Council.

### ▪ **Article 4**

**A.** The study plan for the award of the Bachelor's Degree in Dental Surgery is set on full year basis during all years of study. All courses are compulsory as noted in the study plan.

#### **B.**

- 1.** Every course has a definite number of credit hours as shown in the study plan
- 2.** Special code is designated to every course.
- 3.** The courses' numbers of credit hours, lectures, weekly laboratory, and field and clinical training hours, are all specified in the study plan as well as the course's duration of study in the academic year.

The courses' results shall be given either every semester or on annual basis.

**C.** In the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> years, Credit Hours for a theoretical course are evaluated on the following basis:

- 1.** A weekly lecture, seminar or discussion group for a period of (16) weeks equals (1) C.H.
- 2.** Laboratory sessions, clinical training (Clinical), and research projects are evaluated separately.
- 3.** (1) Credit Hour should not be less than (2) hours a week for period of (16) weeks.

### ▪ **Article 5**

**A.** The required credit hours for awarding the bachelor's degree in Dental Surgery are (213) credit hours.

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**\* Issued by The Deans' Council in Accordance with Law No. (15) For Awarding Academic Degrees And Diplomas At Jordan University of Science & Technology**

B. These Credit Hours (C.H.) are distributed as follows:

Requirements	Compulsory C.H	Elective C.H	TOTAL
University Requirements	16	9	25
Basic Sciences Requirements (From the faculty of "Science & Arts" and "Computer Science Department")	20	-	20
Faculty of Medicine Requirements	40	-	40
Faculty Requirements	128	-	128
<b>TOTAL</b>	<b>204</b>	<b>9</b>	<b>213</b>

▪ **Article 6**

The Study Plan for Awarding The Bachelor Degree in Dental Surgery includes the following requirements:

**A. University Requirements (25 C.H) specified by the Deans' Council & distributed as follows:**

**1. Compulsory Requirements 16 C.H**  
**Compulsory for all university students for a total of (16) C.H.**

Line No.	Code	Course	C.H
801012	ARB101	ARABIC LANGUAGE	3
821000	HSS100	CULTURE & UNIVERSITY CONDUCT	1
811111	ENG111	ENGLISH LANGUAGE (1)	3
811121	ENG112	ENGLISH LANGUAGE (2)	3
841000	MS100	MILITARY SCIENCES (3)	3
1741000	CIS100	COMPUTER SKILLS (4)	3
801011	ARB101A	"PRINCIPLES OF ARABIC LANGUAGE"(5)	3

**2. Elective Requirements 9 C.H**  
**The student may take any of the following courses for a total of (9) C.H.**

Line No.	Code	Course	C.H
401000	NUR100	HEALTH PROMOTION	3
631770	NF177	FOOD PRESERVATION (IN ENG.)	3
181040	PH104	COMMUNITY HEALTH & NUTRITION	3
301041	PHAR104	DRUGS & MEDICINAL PLANTS IN JORDAN	3
182002	PH200	FIRST AID	3
662110	VM211	ANIMAL-HEALTH	3
662120	VM212	PET ANIMAL CARE	3
821121	HSS112	AL HADITH AL SHAREEF	3
821130	HSS113	FAITH	3
821140	HSS114	FEKEH	3
821150	HSS115	ISLAM AND RECENT PROBLEMS	3
821160	HSS116	ECONOMIC SYSTEM IN ISLAM	3
821211	HSS121	PRINCIPLES OF SOCIOLOGY	3
821260	HSS126	PRINCIPLES OF PSYCHOLOGY	3
821270	HSS127	EDUCATIONAL TECHNOLOGY	3
821280	HSS128	NATIONAL EDUCATION	3

821311	HSS131	ISLAMIC CIVILIZATION	3
821321	HSS132	THE HISTORY OF JERUSALEM	3
821330	HSS133	CIVILIZATION AND RECENT CULTURES	3
821411	HSS141	INTRODUCTION TO ECONOMICS	3
821420	HSS142	LIBRARY AND INFORMATION RESEARCH	3
821511	HSS151	INTRODUCTION TO MANAGEMENT SCIENCES	3
821611	HSS161	CONTEMPORARY PROBLEMS	3
821660	HSS166	MAN AND SCIENCE	3
821820	HSS182	STUDIES ON WOMEN	3
821211	HSS211	PRINCIPLES OF SOCIOLOGY (IN ENG.)	3
822120	HSS212	ARAB SOCIETY (IN ENG.)	3
822130	HSS213	INDIVIDUAL AND SOCIETY (IN ENG.)	3
822160	HSS216	INTERNATIONAL GLOBAL ISSUES	3
822221	HSS221	PRINCIPLES OF PSYCHOLOGY (IN ENG)	3
822220	HSS222	CREATIVITY AND PROBLEMS SOLVING	3
822240	HSS224	LEADERSHIP AND COMM. SKILLS	3
822310	HSS231	HISTORY OF SCIENCES IN ISLAM	3
822410	HSS241	ECONOMY IN THE THIRD WORLD	3
822420	HSS242	INFORMATION AND RESERCH (IN ENG)	3
822500	HSS250	THE HISTORY OF MUSIC (IN ENG.)	3
824290	HSS429	THE SCIENCE OF CHILDREN BEHAVIOR	3
612000	AP200	FARM ANIMAL PRODUCTS AND PRODUCTION	3
1111000	P.T100	WELLNESS& LIFESTYLE	3
971030	ES103	ENVIRONMENT PROTECTION	3
252113	ME211	FUNDAMENTALS OF AUTOMOBILE ENGINEERING	3
642000	NR200	NATURAL RESOURCES AND HUMAN	3
622000	PP200	HOME GARDENS	3
622010	PP201	BEE KEEPING	3

1. Prerequisite: passing in Eng. (99) or attaining a minimum grade of (50%) in the Proficiency Test.
2. Prerequisite: studying Eng. (111) or attaining a minimum grade of (80%) in the proficiency test, or a minimum score of (500) in TOEFL.
3. Non-Jordanian students are permitted to study any of the elective courses instead of this course.
4. Students who hold (ICDL) or "Cambridge International Diploma in IT" are exempted from studying this course.
5. Non-Arab students, except those who studied in Arabic schools, are permitted to study ARB 101A- principles of Arabic Language instead of ARB101.

## A. Basic Sciences Compulsory Requirements:

### 4. Courses from the faculty of Science & Arts (17 C.H)

Course Code	Course Description	C.H
B 103	General Biology	3 (3-0)
B 107	General Biology (Lab)	1 (0-1)
PHY 103	General Physics	3 (3-0)
CHEM 103	General Chemistry	3 (3-0)
CHEM 217	Organic Chemistry	3 (3-0)
Chem222	Biochemistry	3 (3-0)
Chem223	Biochemistry (Lab)	1 (0-1)

### 5. Courses from the Computer Science Department (3 C.H)

Course Code	Course Description	C.H
CS 116	Selected Programming Language	3 (2-3)

### 6. Courses from the Faculty of Medicine (40 C.H)

Code	Course	TOTAL
Med211A	Molecular Genetics	3 (3-0)
Med215A	General Anatomy & Embryology	3 (0-1)
Med215B	General Anatomy & Embryology (Lab)	1 (3-0)
Med216	General Histology	4 (3-1)
Med217A	Head And Neck Anatomy	3 (3-0)
Med217B	Head And Neck Anatomy (Lab)	1 (0-1)
Med230A	Human Physiology	3 (3-0)
Med230B	Human Physiology (Lab)	1 (0-1)
Med231	General Pathology	3 (2-1)
Med232	Immunology	3 (3-0)
Med265	General Microbiology	3 (3-0)
Med351	General Pharmacology	3 (2-1)
Med372	Pathophysiology	3 (3-0)
Med373	General Internal Medicine	2 (2-0)
Med374	General Surgery & Anaesthesia	2 (2-0)
Med391	Biostatistics	2 (2-0)
		<b>40</b>

### 7. Courses from the Faculty of Dentistry (128 C.H).

These courses should be studied in succession according to its allocations and code numbers as shown in the study plan. The Study plan is to state each course as theoretical, practical, or clinical.

## Duration and Study Load

- **Article 7**
  - A.** The duration of study for Bachelor's Degree is five academic years. The study plan specifies the courses offered every year.
  - B.** The maximum duration of study for the degree is seven academic years.
  - C.** With consideration to paragraph (B) above. The student should not spend more than two academic years in any of the first four years of his study or three years in his 5<sup>th</sup> year.
  - D.** The maximum number of credit hours to be registered in the 1st and 2nd semesters are (18) credit hours and (10) credit hours in the summer. (Unless the study plan states different). However the study load in these years may reach (21) credit hours in the first and second semesters and (12) credit hours in summer semester based on justified causes and the approval of the Dean of the Faculty.
  - E.** Each academic year comprises two semesters of (16) weeks each, and a summer semester of eight weeks period including the exams.
  - F.** The courses in the study plan of the Faculty of Dentistry are distributed to five academic years. The study plan specifies the courses offered every academic year.
  - G.** The student should register only the courses as designated in the study plan, otherwise his/her registration and grades shall be canceled.
  - H.** Study begins in September and ends in August every academic year for the first four years students.
  - I.** As for the fifth academic year students, study begins in mid September and ends in June of the next academic year, which is the graduation year.

## Attendance

- **Article 8**
  - A.** The student is required to attend all the registered courses. The instructor shall register attendance or absence of all lectures, labs, clinical courses on special record to be handed over to the head of the Department/ the Dean at the end of each semester/ year. The record should be kept until the end of the following year.
  - B.** A student is not permitted to absent himself more than (10%) of the hours required for each course.
  - C.** A student who is absent for more than (10%) of the total number of hours required for each course without medical excuse or compelling acceptable to the Dean of the Faculty that offers the course, shall be precluded from taking all other examinations of that course, and shall be given the minimum grade of **(35% precluded due to absence)**, which shall be calculated in that year average.
  - D.** A student who absents himself more than (10%) of the hours required for a course due to a cause accepted by the Dean of the Faculty, may not absent himself more than (20%) of the required hours.
  - E.** If a student absence exceeds (20%) of the required hours because of an accepted excuse, the Faculty Council that offers the course may consider him "**Withdrawn**" from that academic year. In this case the Dean of the Faculty of Medicine notifies the Director of Admission & Registration Unit in writing or electronically, and the student's study shall be considered "**postponed**" that academic year. However this does not apply to the courses listed in the University Requirements, since the withdrawal from these courses is governed by the General Regulations for Awarding the Bachelor's Degree.

- F. In case a student is absent for a period not exceeding (25%) of the practical training duration because of compelling or medical excuse accepted by the Dean of the Faculty, the Dean may permit the student to compensate the period of his absence providing that the technical requirements of training are not affected, and it is not training in hospitals or clinics which is supervised by faculty members.
- G. The medical excuse should be in a form of medical report issued by The University Health Center or the student's Clinic in King Abdullah I University Hospital. The report should be presented to the Dean of the Faculty that offers the course within a period not exceeding two weeks from the student's absence, or in compelling causes, within one week after the cause is over.
- H. The Faculty Members, the Heads of Departments, and the Dean of the Faculty that offers the courses shall be responsible for carrying out the aforementioned regulations of attendance.

### Examinations, Grades and Averages

#### ▪ Article 9

- A. The semester's and the final exam's grades and the final grade shall be computed to the nearest integer numbers and the final grade shall be recorded out of a hundred.
- B.
  1. The final grade of each course represents the sum of the final exam grades and the semester's working grades. However in some courses, the final result shall be "**Pass**" or "**Fail**" as stipulated in the study plan.
  2. The final exam for every course shall be held once at the end of either the semester or the year depending on the course whether extended or separate. It must be written exam (or through computer) covering all the course's materials, though in some cases it may partly include verbal, practical, or reports only in certain percentage of the total grade.
  3. Each semester's or year's course works shall include the followings:
    - i. Verbal exams, reports or research work (all or some parts)
    - ii. Semester's or year's exams depending on the course. The exam details should be announced at least one week prior to the date of the exam, and the exam papers shall be discussed with the students after their correction.
    - iii. The written exam papers shall be returned to the students no later than one week from the date of the exam.
  4. Any student who absents himself from an announced semester's or final exam without medical or compelling excuse acceptable to the Dean of the Faculty offering the course, his grade shall be counted (**Zero**) in that exam and it shall be calculated in the final results.
  5. Any student who absents himself from an announced semester's or final exam shall present an excuse acceptable to the Dean of the Faculty offering the course within one week after the cause is over. In this case the course instructor shall hold a **make-up exam** equivalent in type and form of questions to the exam from which the student was absent.
  6. The semester's results shall be announced no later than the beginning of the 13<sup>th</sup> week of the semester in order to correct any possible errors before they are sent to the Admission & Registration Unit, after which no grade shall be amended.

7. If a student fails to fulfill the requirements of any course, or was absent from the final exam because of medical or compelling cause acceptable to the Dean of the Faculty offering the course, the designation of "**Incomplete**" shall be entered to his record of that course.  
The student has to work towards removing the "**Incomplete**" notation no later than two weeks after the beginning of the following semester including the summer semester. Otherwise, only the summer semester's grades shall be entered to his record of that course.  
However, in case the absence cause was acceptable, then a substitute exam equivalent in type and level of questions will be held in coordination with the Head of the Department in writing or electronically.
  8. The student who has an "**Incomplete**" notation is not privileged to postpone the following semester/year only after removing the incomplete notation within the period specified in this article. Otherwise the Admission & Registration Unit shall enter to his record of the course only the total grades obtained in the semester.
- C. The grades of the final exam, the semester's exam and the year works shall be distributed as follows:**
1. The regulations of other faculties shall be applied to the courses offered by those faculties.
  2. The grades of the Faculty of Dentistry Courses that are wholly theoretical shall be computed as follows:
    - (40%) shall be allocated to the grade of the semester's works.  
An exam for the semester's course shall be held during the (8<sup>th</sup>) or (9<sup>th</sup>) week of the semester (4<sup>th</sup> or 5<sup>th</sup> week of the summer semester), the exam shall be announced at least one week prior to the exam specified date.
    - (60%) shall be allocated to the final exam's grade.
  3. The grades of courses with theoretical and practical requirements offered by the Faculty of Dentistry shall be computed as follows:
    - One semester's exam shall be held during the (12<sup>th</sup>) or (13<sup>th</sup>) week of the semester in case of an extended course, or during the (8<sup>th</sup>) or (9<sup>th</sup>) week (the 4<sup>th</sup> or the 5<sup>th</sup> week of the summer semester) in case the course was not extended.
    - (40%) shall be allocated to the semester's works. Written, verbal, or practical exams or exams in the form of reports and research papers shall be held for this purpose.
    - (60%) shall be allocated to the final exam's grade.
  4. While as for the grades of the Faculty of Dentistry Courses that are wholly practical, the Department Council which offers the course shall announce the method of distributing the grades before the commencement of the semester.
  5. As for the semester's and final exams of the (3<sup>rd</sup>) year courses, shall be subjected to special internal regulations to be issued, due to the nature of these courses, and also because they include courses from the Faculty of Medicine which are offered in succession each semester.
- D.** For the purpose of computing the final grades, the extended courses shall be evaluated according the following equation:

$$A = ((B \times E + C \times F) / (E + F)) + D$$

A: The course Grade.

B: The Grade of the 1<sup>st</sup> semester's works (on basis of 40%).

C: The Grade of the 2<sup>nd</sup> semester's works (on basis of 40%).

D: The Final Exam grade (on basis of 60%).

E: The Credit Hours for the first part of the extended course.

F: The Credit Hours for the Second part of the extended course.

▪ **Article 10**

**A.** The instructor of every course shall inform his students in the beginning of every semester of the method to be followed in evaluating the students' performance.

**B.** The instructor as well as the coordinator of every course are responsible for correcting the exam papers of their course, as well as revising, verifying and recording the grades in the course's transcript, and discussing the results in the Department Council after which, the Head of the Department hands them over to the Dean of the Faculty offering the course no later than (72) hours from the date of the course's final exam to be discussed and approved by the concerned Faculty Council within (24) hours.

The final exam grades which are not approved within the period of (72) hours as specified above shall be documented by the computer automatically.

**C.** The Dean of the Faculty offering the course or his representative shall hand over the final results of all the offered courses in his faculty to the Admission & Registration Unit directly after taking the final decision in its regards.

**No final grade shall be announced before it is handed over to the Admission & Registration Unit.**

**D.** The student may appeal in writing to the Dean of the Faculty concerning his final grade within the maximum period of two weeks after announcing the results of the course and paying the appeal fee. The Dean shall then discuss the appealed results with the course instructor and the Head of the Departments. In such cases the following action shall be executed:

**1.** The Dean forms a special committee in which the course instructor is not a member. The committee reviews and verifies the proper correction of the exam paper.

**2.** The committee follows in its correction the instructor's ideal answers.

**3.** The committee then submits its recommendations to the Dean who in turn recommends to the Deans' Council to take the proper action as recommended.

**4.** The same committee shall be assigned to review any further appeals.

**E.** The exam papers, the reports and the semester's research papers shall be discussed with the students after their correction and finalizing recording the grades properly in the transcripts, while the final exam papers, shall be kept in the Deanship of the Faculty offering the course for a period of one semester to be reviewed if necessary, and then to be dealt with as agreed between the concerned faculty and the Director of Admission & Registration Unit.

▪ **Article 11: Rating**

A. The courses' grades shall be classified as follows:

Grade	Rating	Arabic Code	English Code
90 - 100	Excellent	أ	A
80 - 89	Very Good	ب	B
70 - 79	Good	ج	C
60 - 69	Acceptable	د	D
59 - 50	Weak	هـ	E
Less than 50	Fail	و	F

B. On the other hand the Yearly Averages and the General Averages shall be classified as follows:

Yearly Averages/ General Average	Rating
Distinguished	92 -100
Excellent	84 - Less than 92
Very Good	76 - Less than 84
Good	68 - Less than 76
Acceptable	60 - Less than 68

C.

1. The Dean shall place the name of the student who obtains a year average of (85%) or more on **the Faculty Honor List**, and such notation shall be entered to the student's academic record unless he/she was previously dismissed or failed in any course, or his study load was less than (30) Credit Hours in the year without counting the remedial courses.
2. The university president issues every year "**A University Honor List**" which includes the names of the students who attained yearly average of (90%) or more from the list of students who already were placed on "**The Faculty Honor List**".
3. The student who attains the highest general average compared to all other graduates in the same batch, shall be honored as the "**First Student in the Faculty**" providing that his actual years of study do not exceed (5) years.

▪ **Article 12**

A. In case a course is tutored by more than one instructor, then the Department Council shall assign an instructor as course coordinator to coordinate the course in cooperation with other instructors under the supervision of the Head of the Department.

B. In case the course has "**many branches**" then the Department Council shall assign an instructor to act as "**Course Coordinator**" to coordinate the course in cooperation with other instructors and under supervision of the Head of the Department.

C. In case the course is tutored by more than one instructor, or it has "**many branches**", then the Head of the Department or the Course Coordinator, or an instructor assigned by the Department Council shall undertake the responsibility of typing the questions after being discussed and approved by the Department Council, in addition to his responsibility of supervising the correction of the exam papers and recording the grades in the course's transcript properly.



- **Article 13**

- A. The minimum passing grade is (50%).
- B. The minimum passing grade for the year average is (59.5%) and (60%) for the general average.
- C. In case the student fails in a course then, for the purpose of computing the average, the student's grade shall be recorded as it is in case it was (35%) or higher, and shall be raised to (35%) if it was less than (35%).
- D. The year average and the general average are recorded to the nearest decimal.
- E. The general average of a student in the Faculty of Dentistry comprises the following:
  - I. (18%) for every year average of the first four years recorded in equal (Total 72%).
  - II. (28%) of the 5<sup>th</sup> year average.

**The above general average computation shall apply to the students enrolled in the academic year 2008/2009 and the following years.**

- **Article 14**

- A. The yearly average for the 1<sup>st</sup> year is calculated by multiplying the final grade times the credit hours for every course, of that year then dividing the sum over the total number of the credit hours.
- B. The results of the compulsory and elective university requirements which are listed in the study plan shall be included in the calculation of the yearly average of the first year of enrollment, upon the completion of its study, or at the time of graduating.
- C. The year average for the 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> years shall be computed by multiplying the final grade of each course (except the university elective courses) times the Credit Hours of the course as stipulated in the Study Plan, and then dividing the total by the total credit hours of that year.

### **The Comprehensive Exam of the 5th Year**

- **Article 15**

- A. The Final Comprehensive Exam for the clinical courses stipulated in the study plan, shall be held at the end of the 5<sup>th</sup> year's second semester. The Exam shall include different components from many courses according to the study plan.
- B. (60%) of the final grade of every extended course, and (40%) of the semester's works grades shall be allocated to the Final Comprehensive Exam.
- C. With due consideration to paragraph (B) of this article the final grade for every extended course in the 5<sup>th</sup> year shall be computed according to paragraph (D) of Article (9) in these regulations.  
The final grade of an extended course is the attained grade of that course's component in the final comprehensive exam.
- D. Passing the 5<sup>th</sup> year requires the fulfillment of the followings:
  1. Passing all the offered courses of the (5<sup>th</sup>) year as stipulated in the study plan.
  2. Attaining an average of (59.5%) or more in the fifth year.
- E. With due consideration to paragraph (B) of this article, article (19) of these regulations applies to the final comprehensive exam of the designated courses ( the 5<sup>th</sup> year).

## Transfer from One Year to another

### ▪ Article 16

In compliance with the study plan the student shall be transferred from one year to the next upon fulfilling the following two conditions:

- A.** Passing in all the courses studied that year as stipulated in the study plan.
- B.** Attaining the minimum year average of (59.5%) as defined in **Articles 13, 14** and **15** of these regulations.

### ▪ Article 17

#### **With due observance to paragraph (G) of Article 18**

#### **A. The conditions for the transfer of first year students are the followings:**

- 1.** Passing all the practical courses mentioned below:  
Bio.103, Chem.103, Phy.103, Chem.217, Dent.101, Chem.262 and Chem.266, and having a year average of (59.5%) or more.
- 2.** If the student fails in courses not exceeding (6) Credit Hours from the courses mentioned in the above paragraph (A/1) of this article he shall be entitled to sit for a complementary (make up) exam in no more than the two courses to be held before the beginning of the first semester of the following academic year at a time assigned by the Dean of the Faculty offering the course.
- 3.** If a student passes in all the scientific courses mentioned in the above paragraph (A/1) of this article, and his average was less than (59.5%) he shall be entitled to sit for a complementary exam in one course or more that he chooses from courses not exceeding (6) Credit Hours to be held before the beginning of the first semester of the following year at a time assigned by the Dean of the Faculty offering the course.

#### **B. The student shall be considered failing in the first year:**

- 1.** If he fails in more than two scientific courses exceeding (6) Credit Hours from the courses mentioned in the above paragraph **(A/1)** of this article.
- 2.** If he fails in any course after sitting for the complementary exam, and in this case he shall be considered failing in this year and shall not be transferred to the next year.
- 3.** If he fails to attain a minimum year average of (59.5%) after sitting for the referred to complementary exam.

#### **C. In case the student fails in the 1<sup>st</sup> year the following requirements shall be applied;**

He shall repeat all the courses offered by the faculty of Dentistry that year with grades less than (60%) and in this case the new grades shall be counted.

While as for the courses offered by other faculties in which the student has attained a pass grade less than (60%), he shall be given the choice to maintain the grade attained or repeat the course. In this case, the new grade shall be counted.

- D.** The complementary exam grade for a scientific course shall replace the final deserved grade.

### ▪ Article 18

#### **A. The conditions for students to be transferred in the following years after the first year are as follows:**

1. In case a student fails in certain courses with (9) credit hours or less from the 2<sup>nd</sup>, 3<sup>rd</sup>, or 4<sup>th</sup> year (each separately), he shall be permitted to sit for a complementary exam held before the beginning of the first semester of the following academic year at the time assigned by the Dean of the Faculty offering the course. If the student fails in the complementary exam in any of these courses, he shall not be transferred to the next year, and shall be considered failing in that year.
  2. If a student fails in 5<sup>th</sup> year courses with a total of (9) credit hours or less he shall be permitted to sit for complementary exam in these courses, which shall be assigned by the Dean of the Faculty before the beginning of the first semester of the following academic year. In case the student fails in any of the courses in the complementary exam, then he shall be considered failing in the 5<sup>th</sup> year.
3. In case a student passes all the courses set for any of the years following the 1<sup>st</sup>, and has attained a year average less than (59.5%) he shall be permitted to sit for a complementary exam for the courses with a total of no more than (9) credit hours, which he chooses from the courses of that year. The complementary exam shall be held before the beginning of the 1<sup>st</sup> semester of the following year at the time assigned by the Dean of the Faculty offering the course. In case the student fails to raise his average to (59.5%) or more, he shall not be transferred to the next year, and he will be considered failing in that year.
- B.** With observation to paragraphs **(A)** and **(G)** of this article, the student shall be considered failing in any year following the 1<sup>st</sup> year:
1. If he fails in courses with more than (9) credit hours.
  2. If he fails to attain an average of (59.5%) or more after sitting to the complementary exam.
  3. If he fails in any course in the complementary exam he shall not be transferred to the next year and shall be considered failing in that year.
- C.** In case the student fails in any of the 2<sup>nd</sup>, 3<sup>rd</sup>, or 4<sup>th</sup> years he shall be permitted to repeat that year once, provided that his years of study do not exceed the authorized maximum duration of study.
- D.**
1. If the student fails in the 5<sup>th</sup> year, he shall be permitted to repeat it only twice provided that his years of study do not exceed the authorized maximum duration of study.
  2. In special cases if a student fails in the 5<sup>th</sup> year and has reached the maximum permitted duration of study, he will be permitted to repeat the year one last time upon the recommendation of the Dean and the approval of the Deans' Council.
- E.** In case the student fails in any of the 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, or 5<sup>th</sup> years, he shall repeat all the faculty courses set for that year with grades less than (60%), while as for other faculties' courses in which he attained a passing grade, he shall be entitled to repeat the courses with grades less than (60%) and in both cases of repeating the new grade shall be recorded to him.
- F.** If a student repeats the exam of courses with (9) credit hours or less (as mentioned previously) then the new grade shall be recorded to him, while as for the purpose of

computing the final average only (60%) will be recorded in case his year average before sitting to the complementary exam was (59.5%) or more. That year average shall be recorded (60%) in case the student's year average was more than (60%) providing that his average before the complementary exam was less than (59.5%).

- G.** If a student attains an average of (59.5%) or more in the 1<sup>st</sup> or the 2<sup>nd</sup> year and his study load in the repeated year is not more than (3) credit hours (with observation to paragraph (E) of this article), he shall be transferred to the following year and these courses' hours shall be carried to his load of the following year. However, in case he fails in the repeated hours, he shall be considered failing that year.
- H.** The students failing in the 1<sup>st</sup> and 2<sup>nd</sup> years are permitted to register a maximum of (6) Credit Hours courses from the next year without being transferred to that year based on the following conditions:
  - 1.** The study load of the re-studied year does not exceed (6) Credit Hours.
  - 2.** The courses registered from the next year must be from the courses included in the study plan.
  - 3.** The student is not entitled to sit for a complementary exam in case he fails in any of the next year registered courses.
  - 4.** The regulations of Failing, Passing, and complementary exams which are valid in the year of failing, shall be applied to the re-studied courses.
  - 5.** The maximum study load during the 1<sup>st</sup> and 2<sup>nd</sup> semesters must not exceed (9) Credit Hours.
  - 6.** The student who registers courses from the following year bears the responsibility, in case his academic status is changed.
    - **This resolution shall be applied to the students as of the beginning of 2010/2011 academic year.**

- **Article 19**

With observation to the provisions of Article 17, if a student repeats any year during his study only the new grades shall be recorded to him, and he shall repeat only the courses with grades less than (60%) from the courses required in the study plan.

### **Dismissal from the Faculty**

- **Article 20**

- A.** The student shall be dismissed from the program of Dentistry in the following cases:
  - 1.** If he fails to pass in two academic years from the first four years.
  - 2.** If he fails to pass the 5<sup>th</sup> year during three academic years.
  - 3.** If he fails to finish his whole study within a period of (7) years.\*
  - 4.** If he fails in any three years during his study.
- B.** A student shall be dismissed from the Faculty if he fails to graduate within the maximum permitted duration of study as stipulated in paragraph **(B)** of **Article 7**.
- C.** All dismissals from the Faculty, Department or the University shall be decided by the Deans' Council based on the recommendation of Admission & Registration Unit. The Unit shall inform the student of his dismissal decision in writing or electronically to his last address available in his file.

## Postponement of Study

### ▪ Article 21

#### A. Postponement of study

1. A newly enrolled or transferred student is not permitted to postpone his study only after at least one year from his enrollment in the faculty.
2. A student who has "**Incomplete**" notation is not permitted to postpone his study only after removing the "**Incomplete**" notation, otherwise only the semesters' grades shall be recorded to him.
3. A student may postpone his study for a period not exceeding two successive or interrupted years upon the approval of the Faculty Council. In some cases and upon the approval of the Deans' Council the postponement period may be raised to a maximum of (3) years.
4. The student shall submit his postponement request to the Dean's Office within a period not exceeding (13) weeks as of the beginning of the first or second semester in order to be discussed in the Faculty Council. The Dean shall notify the Director of Admission & Registration, The Dean of Students' Affairs, The Student's Advisor, and any other concerned authority of the decision.
5. In case of postponement approval, the whole year shall be postponed.
6. The results of a semester course shall be counted to the semester in which it was studied.
7. The postponement period shall not be counted from the maximum permitted period for graduation.
8. The year following the student's dismissal due to misconduct penalty shall not be counted from the maximum permitted period for graduation.

#### B. Losing the seat in the university

The student shall lose his seat in the university in the following cases:

1. If a regular student does not register for one semester or more without obtaining a written approval of postponement from the concerned Dean, he shall then lose his seat in the university. In case of compelling excuses the student may submit a request to the Faculty Council to consider this period as part of the permitted postponement period as stipulated in paragraph **(A/3)** of this article.
2. If a regular student fails to register for one semester or more without receiving the concerned Dean's written postponement approval, and without presenting an excuse acceptable to the Dean of the Faculty, he shall lose his seat in the university. Also the student shall lose his seat in case his absence exceeds the approved postponement period.
3. The student who loses his seat in the university may apply for a readmission. Once accepted in the same program new university number will be designated to him, and he shall maintain his academic record in full (grades, average and academic status) provided that he completes the graduation requirements in accordance with the study plan which was implemented at the time of his readmission in the university. In this case his past study period shall be counted for the purpose of computing the maximum permitted period of graduation.

4. If a student resumes his study after four years or more, his previous academic records shall not be considered.
5. In all cases the student who loses his university seat twice shall not be permitted to resume his study.

### C. Withdrawal from the university

1. If a student wishes to withdraw from the university he shall submit a withdrawal request to the Admission & Registration Unit. In this case the notation of "**Withdrawn From The University**" shall be recorded in his records. The Dean of the student's faculty shall be notified accordingly.

In case the student wishes to be readmitted to the university he shall submit new admission application to the Admission & Registration Unit. In case he is accepted in the same program a new university number shall be designated to him, and he shall maintain his previous academic records in full (grades, average, and academic status) provided that he completes the graduation requirements in accordance with study plan which was implemented at the time of his re-admission. The student's past study period shall be counted for the purpose of computing the maximum permitted period for graduation.

2. If the student has incomplete notation and wishes to withdraw from the university, the semester's grades shall be recorded to him, unless he removes the "**Incomplete**" notation.

## Changing the Student's Specialization

### ▪ Article 22: Conditions of changing the specializations.

The student may change his specialization if he meets the following requirements:

1. The student's average in The General High School Certificate (Tawjihi) must meet the competitive grades of the new specialization at the year the certificate was obtained.
2. The admittance average of the specialization to be changed should be higher than the admittance average of the specialization to which the student shall be admitted.
3. The change of specialization is permitted only once all through the period of study.
4. Scholarships students must provide the approval of the scholarship sponsor for changing the specialization.
5. The decision for changing the specialization is decided by the university president, and is subject to the available vacancies.
6. The requests for changing the specialization shall be submitted to the Admission & Registration Unit by the students studying in both programs: The Regular as well as the Parallel.
7. The requests shall be submitted according the following time-table:  
**The First Semester:** During the second half of January every year.  
**The Second Semester:** During the second half of July every year.
8. The Arab students may change their specialization to another that requires lower average for admission.
9. The Sons of the University academic and administrative staff may change their specialization to another that requires lower average for admission.
10. The students who hold foreign certificates and were admitted in the Regular program may change their specialization to another that requires lower average for admission.
11. The students registered in the Parallel Program may change their specialization if they meet the minimum average requirements depending on the available vacancies.

12. Admission & Registration Unit shall undertake executing all the necessary actions in this regards.

## Transfer from Other Universities

### ▪ Article 23

In case a student is transferred to the Faculty of Dentistry at JUST from another Faculty of Dentistry (**External Transfer**) the followings shall be applied:

- A.** The application for transfer shall be submitted to the Admission & Registration Unit providing that the applicant's average fulfills the requirements of the **Competitive Admittance** in the year his certificate was attained.
  - 1. The availability of a vacancy in the Faculty.
  - 2. The student might be transferred to JUST only from a University, University Institute, or University College accredited by JUST.
  - 3. The student's previous study should be in a university/ (s) that adopt in its regulations full time attendance, which must be certified by presenting a document proving the student's attendance for at least (80%) of the study period.
  - 4. The transfer, if approved, shall be to the level of the second year or higher (The student shall be admitted to the 2<sup>nd</sup> or 3<sup>rd</sup> year), Provided that his yearly average is not less than (68%) or grade "**Good**" in every course studied in the university from which he is transferred.
  - 5. No transfer to a year higher than the 3<sup>rd</sup> year is permitted since a transferred student should study at least (3) successive years in JUST Faculty of Dentistry before his graduation.
- B.** The University President issues the admittance decision and notifies the Director of Admission & Registration Unit accordingly.
- C.** Admission & Registration Unit sends the approved transfer applications to the Dean of the concerned Faculty in order to study the possibility of equalizing the courses which he studied in the university from which he is transferred in accordance with the study plan of the program to which he is admitted.
- D.** The student's grades in the courses studied before his transfer to the Faculty of Dentistry at JUST, shall not enter in the computation of the year or general averages. He is only exempted from restudying these courses.
- E.** In case the new student who is admitted to JUST Faculty of Dentistry has previously studied successfully certain courses in another University, University College, or University Institute accredited by JUST, the Faculty Council may approve considering these courses to the student's record provided that the grades shall not enter in the computation of his averages. He is only exempted from restudying the courses.
- F.** In case a student is transferred to the Parallel Program from a Jordanian or non-Jordanian university accredited by JUST, or if a student has successfully completed courses in another university before his admittance to the Parallel Program in the Faculty of Dentistry then the period of his previous study shall be discussed and evaluated by the concerned Faculty Council for the purpose of its consideration in accordance with the study plan.

## The Equivalency of the Credit Hours Studied In JUST

### ▪ Article 24

- A.** The student is not permitted to transfer from one Department to another in the same faculty, neither from one faculty to another in the university unless he is granted a new admission.
- B.** If a student who is granted a new admission, has previously studied certain courses in another Department/Faculty in JUST he shall submit to the Admission & Registration Unit within a maximum period of two weeks from the date of his admittance, a request for the equivalency of the courses which he has studied in the Department/Faculty from which he was transferred. The decision for the equivalence of any course shall be in accordance with the study plan of the Faculty Dentistry and the student may choose one of the following options:
- 1.** To count in his records the courses which he studied in his former Faculty/Department with grades (70%) or more providing that the courses are included in the study plan of the Faculty/Department to which he is admitted, and that it shall not enter in computing the year average (all such grades shall be recorded as exempted courses). In this case the maximum permitted duration of study shall be reduced with an average of one year for every (30) credit hours of courses that he passed successfully.
  - 2.** To count in the student's records all the courses studied in his former Faculty/Department whether the results were "Pass" or "Fail" providing that they are included in the study plan. In this case the courses' grades shall be counted in computing his year average, and an average of one year for every (30) Credit Hours passed successfully shall be deducted from the maximum permitted duration of study.
  - 3.** To be treated as a new student without considering any of the studied courses.
- C.** In case the student fails to submit his request to the Admission & Registration Unit within the period specified in paragraph (B) of this article, then paragraph (B/3) of this article shall be applied to him.
- D.** With due observance to this article, no course can be equalized if it has been studied since more than seven years.

## The Equivalency of Credit Hours Studied Outside JUST

### ▪ Article 25

The University President shall form "The Committee of Courses' Equivalency" for the new students who have studied courses outside JUST. The committee shall inform the Admission and Registration Unit with its decisions promptly in order to finalize the admission procedure in due time and according the following regulations:

#### **A. The Credit Hours studied before admittance to JUST:**

The student who has studied number of courses in an accredited university before his admittance to JUST, may submit a request to the Dean of the Faculty for the equivalence of these courses providing that the course's average is (70%), grade Good, or above.

#### **B. The Credit Hours studied after admittance to JUST:**

- 1.** The student who wishes to study a course/courses after his admittance to JUST, during a summer semester in a **Jordanian Public University**, must obtain the approval of his Faculty's Dean in advance and in coordination with the Dean of the Faculty that offers the course/courses providing that the total number of credit hours registered



inside and outside JUST shall not exceed JUST permitted study load. In this case the Admission & Registration Unit shall be duly informed in writing or electronically.

2. The student who wishes to study a course/courses after his admittance to JUST, during a summer semester in **a non-Jordanian Public University**, must obtain in advance the approval of his Faculty's Dean, and in coordination with the Dean of the Faculty that offers the course/courses providing that the total number of credit hours registered inside and outside JUST shall not exceed JUST permitted study load. In this case the Admission & Registration Unit shall be duly informed in writing or electronically.
  3. The student who has successfully studied number of Credit Hours as stipulated in paragraphs **B1** & **B2** of this article, may submit a request to the Dean of his faculty and in coordination with the Dean of the faculty that offers the course for the equivalence of these courses providing that the grade of any course is not less than the minimum passing grade in JUST.
- C.** The student is exempted from studying the equalized courses which he studied outside JUST providing that its grades shall not be included in computing his yearly average.
- D.** The Credit Hours studied outside JUST during the period of the student's postponement of study, or withdrawal, or loss of the university seat, shall not be counted to the student's record.

### **The Equivalent Course**

#### ▪ **Article 26**

**A course is considered equivalent to another if that is stated clearly in the Study Plan, or in the Transitional Study Plan, and also in case the Course Description corresponds another Course Description offered in another faculty.**

- A.** The student may register the equivalent course instead of the original providing the approval of the Dean of the Faculty of Dentistry and in coordination with the Dean of the Faculty that offers the course in the following two cases:
1. In case the original course is not offered during that semester.
  2. In case a contradiction, that cannot be avoided, occurs in the time schedule of the registered courses.
- B.** The equivalency of any course shall be applied to all the students of the Faculty, and to all similar cases.
- C.** The equivalent course must have the same, (or more) Credit Hours of the original course.
- D.** The student may study more than one course to have the equivalency of the original course.

#### ▪ **Article 27**

The general average of a student transferred to the Faculty of Dentistry as well as the maximum permitted duration of study are computed according the following basis:

- A.** The student who is transferred to the 2<sup>nd</sup> year:
1. (22%) for each year from the (2<sup>nd</sup>) to the (4<sup>th</sup>) year.
  2. (40%) for the (5<sup>th</sup>) year.
- In this case the maximum duration of study shall be (6) years.**
- B.** The student who is transferred to the 3<sup>rd</sup> year:
1. (30%) for each of the (3<sup>rd</sup>) and (4<sup>th</sup>) years.
  2. (40%) for the (5<sup>th</sup>) year.
- In this case the maximum permitted duration of study shall be (5) years.**

## The Requirements for Awarding the Bachelor's Degree in Dental Surgery

### ▪ **Article 28**

The Bachelor's Degree in Dental Surgery shall be awarded upon the fulfillment of the following requirements:

- A.** Passing all the courses set in the Study Plan.
- B.** Attaining a minimum General Average of (60%).
- C.** The fulfillment of the graduation requirements within the permitted duration of study as stated in the regulations.
- D.** Being registered as a regular student in JUST for the last (3) study years including the year of graduation.

## General Provisions

### ▪ **Article 29**

The graduation certificate is awarded upon the fulfillment of all the requirements at the end of every semester. However, the graduation ceremony is held only once at the end of the second semester.

### ▪ **Article 30**

- A.** The Faculty Dean assigns a faculty staff member as an advisor to every student in the faculty.
- B.** The Faculty Dean and the academic advisor are both responsible to follow up the student's academic performance to ensure that he fulfilled all the graduation requirements. The academic advisor shall keep the student informed of his study performance every year of study.
- C.** A student candidate for graduation must submit an application at the Dean's office no later than (8) weeks from the beginning of the (5<sup>th</sup>) year. The Dean of the Faculty and the student's advisor shall review the student's performance in coordination with Admission and Registration Unit to be sure that the student had fulfilled all the graduation requirements.

### ▪ **Article 31**

The student must obtain the university clearance statement before starting his graduation procedures.

### ▪ **Article 32**

The Bachelor's Degree shall bear the date of the student's qualification for graduation.

### ▪ **Article 33**

A student who is holding a Bachelor's Degree in certain specialization from an accredited university and wishes to study for another Bachelor's Degree specialization shall be governed by the academic Regulations of the Additional Program.

### ▪ **Article 34**

A student is not excused for his ignorance of these regulations, or on the grounds that he missed reading the university and faculty publications, the announcements posted on the bulletin boards, the university's website and the E-mail circulations regarding these regulations.

- **Article 35**

The Dean's Council decides upon the cases that are not covered in these regulations, and upon any complications may arise thereof.

- **Article 36**

The University President, the Deans of the concerned Faculties, and the Director of Admission and Registration Unit shall be responsible for the implementation of all the provisions in these regulations.

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## B.Sc. in Dental Surgery

### Courses' Description

#### **DENT 101    Introductions to Dentistry    2 C.H** **(2 theories)**

This course gives a general idea about the profession of dentistry and its relation and interaction with the community. Also gives general definitions for the different specialties and fields of dentistry. Students will have brief information about all aspects of dental science. Also the student will be introduced to some dental terminology which will help him in studying more advanced courses in the next semester.

#### **DENT 202    Dental Anatomy and Occlusion    3 C.H** **(1 theory 2 practical)**

This course will guide the student to understanding the external and internal morphology of primary and permanent teeth. This course will help the students to gain their initial skills in tooth carving. It will also give an introduction to the relationships of teeth to each other and to related structures such as the temporomandibular joint and muscles of mastication.

#### **DENT 203                    Dental Materials 1                    2 C.H** **(1 theory 1 practical)**

This course will provide dental students with the fundamental information needed to understand laboratorial and physical properties of the various dental materials.

#### **DENT 206                    Oral Histology                    3 C.H** **(2 theory 1 practical)**

A basic science course designed for dental students to cover the microscopic anatomy of dental, oral and maxillofacial tissues during and after development, allowing an understanding of the tissues which the students will be dealing within clinical practice.

#### **DENT 207                    Oral Physiology                    1 C.H** **(1 theory)**

This course studies the physiology of all oral functional processes such as mastication, swallowing, speech, and salivation. Blood supply and innervation of the oral structure, will be fully explained.

#### **DENT 211                    Cariology                    1 C.H** **(1 theory)**

This course is designed to bring students to the current knowledge in dental caries. It will provide information about etiology and epidemiology of dental caries, measuring the carious lesion in the community, microbiology of dental caries, the role of saliva, diet and plaque in etiology of dental caries.

#### **DENT 305                    Dental Materials 2                    2 C.H** **(2 theory )**

This course will introduce the students to the modern applied clinical and laboratory concepts of materials used in clinical practice. The course covers applications of basic properties and scientific aspects of dental biomaterials.

#### **DENT 303    Dental Ethics And Jurisprudence    1 C.H** **(1 theory)**

This course will provide the dental students who is about to start the clinical training with the necessary knowledge regarding ethics of the dental profession, and guidelines for practicing dentistry in Jordan.

#### **DENT 311                    Oral Epidemiology                    1 C.H** **(1 theory)**

This course is designed to provide students with the current knowledge in oral epidemiology. This includes methodological consideration, measurement of dental caries, periodontal disease as well as other dental diseases and conditions. This course will also provide information about distribution of epidemiology of tooth loss, dental caries, periodontal disease, oral cancer, and other dental conditions.

#### **DENT 313                    Research Method                    1 C.H** **(1 theory)**

This course is designed to bring student to the current knowledge in research design in dentistry. It will provide knowledge in the basic principles of research design, abnormality (clinical measurements, validity, reliability and criteria for abnormality ), diagnosis (sensitivity, specificity, and predictive values ), risk (risk factors and studies of risks), frequency (measuring prevalence and incidence and bias) and Treatment (clinical trials).

#### **DENT 325                    Oral Radiology 1                    1 C.H** **(1 theory)**

Discussing the basic principles of X ray generation, and the different radiological devices used in the dental clinic. The course is designed to provide the student with the knowledge of the principles and practice of intra-oral radiography.

#### **DENT 335                    Conservative Dentistry 1                    4 C.H** **(1 theory 3 practical)**

This is a pre-clinical course designed to bring students to the current knowledge in operative dentistry. The focus of this course will be on gaining dental clinical skills and techniques using natural and plastic teeth mounted on simulated heads.

#### **DENT 336                    Conservative Dentistry 2                    4C.H** **(1 theory 3 practical)**

This is a pre-clinical course that will bring students to the fundamental knowledge in Endodontics (root canal therapy). It will emphasize on the anatomy of the root canal system and treatment procedures including access, preparation and obturation of the root canal. The students also will have practical training using natural teeth mounted on simulated heads.

#### **DENT 337                    Conservative Dentistry 3                    1 C.H** **(1 theory)**

The course includes introducing the students to the clinical aspects related to conservative dentistry. The students will learn in this course how to examine the patients diagnoses them and design a treatment plan. Students will also receive training on how to operate the dental units and use dental materials in a clinical setting. Dental examinations for the purpose of Endodontic treatment and isolation procedures will also be learnt.

#### **DENT 343    Removable Prosthodontics 1                    4 C.H** **(1 theory 3 practical)**

This pre-clinical course will introduce students to the theoretical backgrounds of managing completely edentulous patients. It also provides hands on training on simulated heads on the various steps involved in the fabrication of complete dentures.

#### **DENT 344    Removable Prosthodontics 2                    4 C.H** **(1 theory 3 practical)**

This pre-clinical course will introduce the students to theoretical background of managing partially edentulous patients. It also provides hand on training on simulated

heads on the various steps involved in the fabrication of removable partial dentures.

**DENT 345 Removable Prosthodontics 3 1 C.H**  
(1 theory)

This course will introduce students to the clinical aspects of Removable prosthodontics. The students will carry out various clinical procedures, including patient's examination, Treatment planning, impression making occlusal assessment and all the laboratory steps that are relevant to the associating clinical steps.

**DENT 355 Oral Pathology 1 3 C.H**  
(2 theory 1 practical)

The course introduces the dental students to basic knowledge of diseases in the oral and maxillofacial region, including diseases of teeth, bone, soft tissue, and salivary gland tissue .

**DENT 356 Oral Pathology 2 3 C.H**  
(2 theory 1 practical)

This course introduces dental students to basic knowledge in the following subjects: Developmental disturbances of the oral region, Cysts of the oral region, Infections of teeth and bone, Bone lesions, Odontogenic tumors and epithelial disorders. There will be a full description of histological features of each disease.

**Dent 361 Paediatric Dentistry 1 1 C.H**  
(1 theory)

This theoretical course aimed at introducing the students to paediatric dentistry (the dental discipline that deals with dentistry for children and adolescents). The objective of course is familiarizing students to the scope of paediatric dentistry and introducing them to the examination, diagnosis and treatment planning of dental problems In children.

**DENT 371 Periodontology 1 1 C.H**  
(1 theory)

This course is designed to introduce the dental student to the theory and clinical practice of periodontology. It offers a review of the anatomy, histology, and physiology of these tissues and gives an idea about the importance of the diseases that affect these tissues, their distribution, their causes, the development of these diseases, and methods of detection and control. The clinical part focuses on the examination of these tissues and charting as well as the proper methods of handling hand instruments used in this field.

**DENT 381 Oral Suergery & Anaesthesia 1 C.H**  
(1 theory)

This Course is designed to introduce the students to the oral surgery clinics. It provides the basic Knowledge and practice of local anesthesia in dentistry. Furthermore the course will thoroughly teach the theoretical and practical aspects exodontias.

**DENT 412 Preventive Dentistry 2 C.H; 2 theories**

This course is designed to bring the students to the current knowledge in preventive dentistry. It includes lectures about prevention of dental caries, periodontal disease, malocclusion, oral lesions as well as lectures on restriction of the use of tobacco and evidence based dentistry.

**DENT 413 Research Project 2 C.H; 2 practical**

This course is designed to prepare students to gain knowledge and skills in relation to dental research. The students in this course are required to choose a hypothesis and test it through a small pilot research project. The students are required to present their term

paper then submit it for evaluation. The term paper should include all elements of research paper (Abstract, literature review, material and methods, result, discussion and conclusion).

**DENT 423 Oral Diagnosis 1 2 C.H**  
(1 theory 1 clinical)

The students are introduced to the principles and skills of collecting diagnostic information from dental patient. This includes history taking (medical and dental), general physical evaluation, performing oral examination (dental and non-dental), requesting and interpreting dental radiographs, and formulation of treatment plan.

**DENT 424 Oral Diagnosis 2 1 C.H; 1 clinical**

The student will be trained to achieve diagnosis of the diseases through a systematic approach including full examination and special tests. The student will be trained to have a radiographic picture for the oral cavity and surrounding structure in different techniques and positions, emphasizing safety and protection of the patient and the staff in the clinic. Also the students will be trained on processing and developing methods.

**DENT 425 Oral Radiology 2 2 C.H**  
(1 theory 1 clinical)

The course is designed to provide the student a basic and practical account of the extra oral radiography. The clinical part of this course focuses on the diagnosis of radiolucent and radiopaque lesions of the jaws, antral disease, trauma to the teeth and facial skeleton and disorders of the salivary glands.

**Dent 434 Crown and Bridgework 1 C.H 1 theory**

The aim of this course is to provide instructions in the theoretical and practical aspects of planning and making crowns and bridges. At the end of the course the student should be able to:

1. Understand the principles of case assessment and selection.
2. Understand the principles and procedures involved in crown-bridgework preparation, provisional crown & bridge construction and the fitting of crowns.
3. Understand the periodontal and occlusal implications of crown-Bridgework.
4. Understand the principles and process of the laboratory procedures involved in manufacturing metal, porcelain, and metal/ceramic crown-bridgework.
5. Identify failures and methods of repair.
6. To comprehend briefly the all-ceramic restorations

**DENT 437 Conservative Dentistry 4 4 C.H**  
(1 theory 3 clinical)

This course is designated to provide the dental students with the basic knowledge on management of various clinical aspects in operative dentistry and endodontics. The course will also provide the students with fundamental knowledge of occlusion. The students are required to provide dental patients with fillings using different restorative materials and management of simple cases of endodontics.

**DENT 438 Conservative Dentistry 5 2 C.H**  
(2 clinical)

This is a clinical course that will provide the student with intensive clinical training in operative dentistry including amalgam, composite and glass-ionomer fillings in addition to root canal therapy for a single-rooted tooth.

**DENT 439 Conservative Dentistry 6 3 C.H**  
(2 practical 1 clinical)

This clinical course is a continuation for the previous course in conservative dentistry (DENT 438) in which student will gain more clinical skills in operative dentistry and this course is designed to provide the student with fundamental knowledge in crown and bridge work. It will provide enough knowledge on indications, preparation, impression taking, laboratory procedures and cementation. And the practical course is designed to provide students with the necessary practical skills required for crown and bridge work. The students will also utilize their theoretical knowledge in preparing teeth mounted on simulated heads. Students will receive training in the laboratory technical procedures used for the crown and bridge construction.

**DENT 445 Removable Prosthodontics 4 3 C.H**  
(1 theory 2 clinical)

The course is designed to provide students with knowledge of the principles and practice of prosthodontics. It concentrates on the treatment planning of patients with complete dentures, removable partial dentures, and pre-prosthetic surgery. It will also provide instructions in dental technology in relation to prosthetic surgery.

**DENT 446 Removable Prosthodontics 5 3 C.H**  
(3 clinical)

This clinical course is designed to cover the clinical aspects of removable prosthodontics. It covers the examination, diagnosis, treatment planning, and construction and repair of dental prostheses.

**DENT 447 Removable Prosthodontics 6 1 C.H**  
(1 clinical)

This course is considered as a continuation of the previous courses (Dent 445,446). It is designed to provide students with the basic principles of different types of occlusal splints and their repair. Students are also allowed to re-fabricate prostheses in case of their failure.

**DENT 451 Oral Medicine 1 2 C.H**  
(1 theory 1 clinical)

This course provides the basic principles of oral diagnosis, oral manifestations of systemic diseases, pathologic basis of disease and related therapeutic measures. Identification and management of oral and paraoral abnormalities including ulcers, pigmentations, swellings and autoimmune disorders.

**DENT 461 Paediatric Dentistry 2 2 C.H**  
(1 theory 1 clinical)

This course consists of two components, theoretical and practical. The theoretical component is in the form of lectures in which the basics of prevention of dental disease are extensively covered as well as operative dentistry for children, and behavior management are covered. The practical component is in the form of clinical sessions where students are taught the principles of examination, diagnosis and treatment planning and preventive procedures for child patients

**DENT 462 Paediatric Dentistry 3 2 C.H**  
(1 theory 1 clinical)

This course consists of two components, theoretical and practical. The theoretical component covers the aspects of pulp therapy, dental trauma, space management and the basics of dentistry for medically compromised children. The practical component will guide students

through more elaborate operative techniques as well as behavior management of children through clinical sessions where students practice dentistry on children.

**DENT 465 Pediatric Dentistry 4 1 C.H (1 clinical)**

This course is offered in the summer semester and has only practical component. Where the student treat children suffering from dental caries and apply preventive programs.

**DENT 471 Periodontology 2 2 C.H**  
(1 theory 1 clinical)

This course offered in the first semester of the fourth year consists of two components, theoretical and clinical. The theoretical part covers in a comprehensive way the diseases that affect the periodontal tissues and the clinical part includes treatment of simple cases of periodontal diseases.

**DENT 472 Periodontology 3 2 C.H**  
(1 theory 1 clinical)

This course offered in the second semester of the year consists of two components, theoretical and clinical. The theoretical part covers the conventional methods of periodontal therapy including treatment planning. The clinical component includes treatment of more advanced cases of periodontal disease.

**DENT 475 Periodontology 4 1 C.H**  
(1 clinical)

This clinical course allows the student to gain further clinical practice and experience with different cases of periodontal diseases.

**DENT 481 Oral Surgery 1 2 C.H**  
(1 theory 1 clinical)

This course is designed to teach the detailed theoretical and practical aspects of Minor Oral Surgery executed under local anesthesia. The broad topic will include the preoperative management of patients with medical problems of relevance to minor oral surgery, basic surgical principles, the surgical extraction of teeth, the management of difficult extraction, the management of impacted teeth and surgical aids to orthodontics.

**DENT 482 Oral Surgery 2 2 C.H**  
(1 theory 1 clinical)

This course is designed to teach the detailed theoretical and practical aspects of Minor Oral Surgery executed under local anesthesia. The broad topic will include cysts of the jaws and surrounding soft tissues, the dental aspects of maxillary antrum, oro-facial infections, surgical aids to prosthetic dentistry, surgical aspects of implant dentistry, surgical aids to endodontics and surgery-pathology interrelationship

**DENT 483 Oral Surgery 3 1 C.H**  
(1 clinical)

This course is a continuation of the two previous oral surgery courses (Dent 481, Dent 482) and it is a practical training in oral surgery.

**DENT 491 Orthodontics 1 2 C.H**  
(1 theory 1 practical)

This course has two components, theoretical and practical. The practical component is the form of laboratory work. The course will provide the dental students with sufficient orthodontic knowledge and technical experience to commence the practical in the fifth year.

**DENT 492 Orthodontics 2 2 C.H**  
(1 theory 1 practical)

This course is a continuation of DENT 491. At the end of this course the students should be able to examine, diagnose and make a treatment plan for simple orthodontic problems.

**DENT 493 Orthodontics 3 1 C.H**  
(1 clinical)

The aim of this course is to clinically training students on the diagnosis and treatment planning of the of the different types of malocclusion as well as the clinical management of removable and functional orthodontic appliances.

**DENT 517 Oral Implantology 1 1C.H (1 theory)**

**DENT 518 Oral Implantology 2 1C.H (1 theory)**

This course is considered one of the most recent courses being added to the dental curriculum it covers the history and the development of dental implantology. It deals with both the surgical and the prosthetic parts of dental implants as well as the periodontal diseases related to the implants. By the end of this courses the student would have gained considerable knowledge about the indications and the clinical procedures of dental implants.

**DENT 521 Oral Radiology 3 1 C.H (1 clinical)**

**DENT 522 Oral Radiology 4 1 C.H (1 clinical)**

The student will be trained to achieve diagnosis of the diseases through a systematic approach including full examination and special tests. Discussing all treatment options for each disease. The student will be trained to use these devices to have a radiographic picture for the oral cavity and surrounding structure in different techniques and positions, emphasizing safety and protection of the patient and the staff in the clinic. Also the students will be trained on processing and developing methods.

**DENT 523 Oral Diagnosis 3 1 C.H (1 clinical)**

**DENT 524 Oral Diagnosis 4 1 C.H (1 clinical)**

The students are introduced to the principles and skills of collecting diagnostic information from dental patient. This includes history taking (medical and dental), general physical evaluation, performing oral examination (dental and non-dental), requesting and interpreting dental radiographs, and formulation of treatment plan.

The student will be trained to achieve diagnosis of the diseases through a systematic approach including full examination and special tests. The student will be trained to have a radiographic picture for the oral cavity and surrounding structure in different technique and positions, emphasizing safety and protection of the patient and the staff in the clinic. Also the students will be trained on processing and developing methods.

**DENT 535 Conservative Dentistry 7 3 C.H**  
(1 theory 2 clinical)

**DENT 536 Conservative Dentistry 8 3 C.H**  
(3 clinical)

This extended course spans two semesters and aims to provide the final year dental student with the most updated knowledge in conservative dentistry. The course will cover the most recent concept in operative dentistry, endodontics, and crown- bridge work .including treating advance operative dentistry, root canal treatment for

multi rooted teeth, post-crowns, and crown - bridge work.

**DENT 545 Removable Prosthodontics 7 3 C.H**  
(1 theory 2 clinical)

**DENT 546 Removable Prosthodontics 8 3 C.H**  
(3 clinical)

The main aim of this clinical course is to produce general dental practitioners that are competent to treat patients in need of different types of removable prosthetic reconstructions. At the end of this year each student should be able to handle a prosthetic case completely.

**DENT 555 Oral Medicine 2 2 C.H**  
(1 theory 1 clinical)

**DENT 556 Oral Medicine 3 1 C.H (1 clinical)**

Deals with all types of diseases and abnormalities that affect the oral lesion. The student will be trained to achieve diagnosis of the diseases through a systematic approach including full examination and special tests. Discussing all treatment options for each disease. Etiology of these diseases will be fully explained and discussed. The manifestation of systemic diseases in the oral cavity will be also included in this courses.

**DENT 565 Paediatric Dentistry 5 2 C.H**  
(1 theory 1 clinical)

**DENT 566 Paediatric Dentistry 6 2 C.H**  
(2 clinical)

These courses offered in the first and second semester of fifth year are entirely practical courses in the form of dental management of children in the clinics with emphasis on full comprehensive care for children including dental trauma cases.

**DENT 575 Periodontology 5 2 C.H**  
(1 theory 1 clinical)

This course offered in the first semester of the fifth year consists of two components theoretical and clinical. The theoretical part covers advanced methods of periodontal treatment modalities and techniques. The clinical component includes in addition to treating various forms of periodontal diseases by conventional methods, some applications of more advanced techniques and surgical procedures.

**DENT 576 Periodontology 6 2 C.H**  
(2 clinical)

This course offered in the second semester of the fifth is a clinical course were graduating students practice the clinical skills they have learned with emphasis on interdisciplinary treatment, it also represent a review of all the subjects covered previously.

**DENT 585 Oral And Maxillofacial Surgery 1 2 C.H**  
(1 theory 1 clinical)

**DENT 586 Oral And Maxillofacial Surgery 2 2 C.H**  
(1 theory 1 clinical)

This course is designed to provide the final year dental student with a basic knowledge in the fundamental principles of Oral & Maxillofacial Surgery. There is a special emphasis on management of traumatic injuries to the dentoalveolar structures and jaws bones. The course will also stress the importance of evaluating oral pathological lesions, especially those of potentially sinister outcome, and determination if a biopsy is needed. It will also cover topics related to salivary

glands surgery, TMJ surgery and advanced pre-prosthetic surgery.

**DENT 595    Orthodontics 4    1 C.H (1 clinical)**

**DENT 596    ORTHODONTICS 5    1 C.H (1 clinical)**

These two clinical courses are offered in the first and second semester of fifth year. The aim by the end of the fifth year is to have refreshed, extended, and tested material given in fourth year, and to have given students first hand experience of orthodontic treatment, diagnosis and treatment planning and laboratory practice