

Dental Assistant Program Courses Outline

DA 101 Introduction to Dentistry

Credits 3 Contact Hours 3 Category Core Course Required Yes

Course Description

This course is designed to introduce the dental assisting students to the science of dentistry and the profession of dental assistant.

DA 102 Clinical Applications in Dentistry

Credits 3 Contact Hours 4 Category Core Course Required Yes

Course Description

In this course, the students will be familiar with the instruments and equipments used in dental field. Also this course provides the students with basic theoretical and clinical information necessary in dental assistant practice.

AMS 245 Anatomy and Physiology

Credits 3 Contact Hours 4 Category Core Course Required Yes

Course Description

This course is designed to introduce student to the structure and organization of various systems in the human body. It deals with the structure and function of the musculoskeletal system, nervous system, circulatory system, blood, digestive system, urinary system, and endocrine and reproductive system.

Using a body system approach, the course emphasize the interrelationship between structure and function at the gross and microscopic levels of organization of the entire human body

CS 108 Introduction to Computer Science

Credits 3 Contact Hours 4 Category Core Course Required Yes

Course Description

This course will survey the field of computer technology and information systems. You will acquire a basic understanding of how computers process information through the integrated use of hardware and software. Computer laboratory sessions will introduce students to a variety of software packages that will include word processing, spreadsheets, graphics, communications, and database management functions.

EL 101 English Language

Credits 3 Contact Hours 3 Category General Education Requirement

Required Yes

Course Description

This course is a critical reading for special purposes and expository writing offers training in the writing process, the development and organization of expository prose, and research techniques. The course emphasizes quality in logic and direction

NSC 155 Microbiology

Credits 3 Contact Hours 3 Category Core Course Required Yes

Course Description

This course will introduce the morphology, physiology, and taxonomy of microorganisms and how they relate to man and the environment as well as new developments in the field of microbiology and what influences they will have in the future.

DA 111 Clinical Practice in Dentistry I

Credits 2 Contact Hours 8 Category Core Course Required Yes

Course Description

A comprehensive course designed to acquaint the student with the many aspects of assisting at chair-side in the treatment of dental patients. Among the areas included are: patients Management techniques; taking and recording medical and dental histories; vital signs; performing and assisting with clinical- examinations and charting; assisting with local anesthesia and all areas of dental treatment, also operating and maintaining dental equipment and sterilization.

Dental Materials I

Credits 3 Contact Hours 5 Category Core Course Required Yes

Course Description

A study of the clinical application of dental materials. and their relationship to the oral environment is essential for the dental assistant. This course is designed to provide the dental assistant with a sound knowledge base in the science of dental materials. Emphasis will be placed on why specific material is used rather solely upon the techniques of manipulating materials. Objectives will be equally balanced among .the cognitive, psychomotor, and affective domains of learning and within the dental assistant scope of practice. A

primary objective of this course is to enhance the student's ability to make clinical judgments regarding the application of dental materials and the ways in which these materials react to the oral environment.

DA 113 Dental Radiology

Credits 3 Contact Hours 5 Category Core Course Required Yes

Course Description

This course is designed to introduce the students to the science of radiology. It will explain the basic concepts of the x-ray image formation and will give the student the access to the new techniques of x-ray. In addition, it will enable the students to differentiate between t anatomical landmark and pathological defects that are found in both the maxillary and mandibular arches of the oral cavity

SP 123 human Relations

Credits 3 Contact Hours 3 Category Core Course Required Yes

Course Description

An analysis of the basic principles of learning theory as well as physical, social, and moral development as they are applied to classroom learning with emphasis upon the application of

theory to practical educational situations. Basics of standardized measurement, behavior management as applied to the classroom, and the influence of socio-cultural forces in society on education are discussed. Educational exceptionalities and laws related to them are also examined

ESP 105 English for Dentistry

Credits 3 Contact Hours 3 Category General Education Requirement

Required Yes

Course Description

This course is specially designed for dental assisting program by utilizing previously learned competencies and apply it in depth in dental aspects.

DA 116 Infection Control in Dentistry

Credits 3 Contact Hours 3 Category Core Course **Required** Yes

Course Description This course is designed to give the student an overview of the microbiological burden encountered in the dental office, the philosophy of infection control in dentistry, and the methods of protecting. Both patient and staff. In addition, current concepts of occupational safety and health risks encountered in the dental clinic environment will be presented with strategies to lower risks and improved the working environment.

DA 201 Clinical Practice in Dentistry II

Credits 4 Contact Hours 16 Category Core Course **Required** Yes

Course Description

A continuation to DA 111 to acquaint student with more aspects of assisting at chair-side in the treatment of different dental specialty . Among the areas included are: patients Management techniques; taking and recording medical and dental histories; vital signs; performing and assisting with clinical- examinations and charting; assisting with local anesthesia and all areas of dental treatment, also operating and maintaining dental equipment and sterilization.

DA 203 Oral Pathology and Histology

Credits 3 Contact Hours 3 Category Core Course **Required** Yes

Course Description

This course will provide the student with the basic understanding of diseases of the mouth and surrounding structures, and the skills necessary to detect deviations from normal in the evaluation of the .patient's health status. In addition, it will provide an overview of the embryological development of the oral cavity and surrounding structures, and the histological structure of oral tissues. The student is provided the opportunity to learn the development, structure, morphology, eruption and function of the primary and permanent dentition.

DA 114 Management of Dental Office

Credits 3 Contact Hours 3 Category Core Course **Required** Yes

Course Description

This course is designed to provide students with a comprehensive overview of the dental business. Emphasis is on practice management, communication management, business office systems, and interview techniques.

DA 202 Dental Materials I I**Credits 3 Contact Hours 4 Category Core Course Required Yes**

Course Description

This Course will emphasize on teaching the students clinical applications of materials used in dentistry, e.g. restorative dentistry (gold- ceramics, acrylics, cements, models' materials and impression materials), operative dentistry (filling materials, liner, bases, and preventive materials), orthodontic and periodontics

materials (wires, stainless steel, rubbers) and implant dentistry (titanium, and all related materials. In addition, the course will demonstrate clinical handling of different dental instrumentation and the use of dental equipment used to polish, mix and set different dental materials.

DA 204 Medical Emergencies in Dentistry

Credits 3 Contact Hours 4 Category Core Course Required Yes

Course Description

This course will provide the student with the basic information necessary to successfully manage the most common emergency conditions that would occur in the dental clinic.

DA 211 Clinical Practice in Dentistry III

Credits 4 Contact Hours 16 Category Core Course Required Yes

Course Description

This clinical experience is a continuation of Clinical Practice and Instrumentation I, II. Each student will gain additional chair-side assisting skills and experience and begin to incorporate the advanced functions into patient treatment procedures. In addition, this course will provide an internship for each student with a practitioner of dentistry. Arrangements are made with each dentist and dental hygienist taking part in the program to enable the student to obtain experience in all aspects of dental office procedures. Major part of this course will be at the Ministry of Health (MOH) where students will be assigned in different dental offices.

DA 205 Dental Public Health**Credits 3 Contact Hours 3 Category Core Course Required Yes**

Course Description

This course prepares students to promote oral health and prevent oral diseases-in a community. It provides students with a broad understanding of the health care system and an objective view of the significant social, political, psychological, and economic forces directing the system. This course will provide students with knowledge and skills necessary to meet specific oral health needs of community groups as distinct from the traditional clinical approach, which is designed to meet the needs of individual patients. In addition, the course trains student to educate dental clinics in dental office and public. Emphasis is on health education theories, plaque control aids, nutrient, smoking cessation and fluoride.

DA 206 Dental Seminar**Credits 3 Contact Hours 3 Category Core Course Required Yes**

Course Description

This course is a continuation to DA 114. Students will be exposed to more emphasis on practice management, communication management, business office systems, and interview techniques.

SS 101 Islamic Education

Credits 2 Contact Hours 2 Category General Education Requirement

Required Yes

Course Description This course will introduce the main concepts of Islam as a comprehensive way of life.

Three General Electives Courses

Credits 2 (each) Contact Hours 2 Category General Electives **Required**

Yes

Course Description The student can register in any elective course at any time.

Dental Assistant Major Sheet

Semester/ Year	Course#	Course Title	Cr.	Hrs.	Th.	Pr.	Field Tr.	Comments
1/1	DA 101	Introduction to Dentistry	3	3	3			
1/1	DA 102	Clinical applications in Dentistry	3	4	2	2		
1/1	AMS 245	Anatomy and Physiology	3	4	2	2		
1/1	CS 108	Introduction To Computer Science	3	4	2	2		
1/1	EL 99	English		5	5			
1/1	EL 101	English	3	3	3			Prerequisites either passing the Basic English skills test or EL 99
1/1	NSC 155	Microbiology	3	4	2	2		
1/1		Total	18	27	19	8		

Semester/ Year	Course#	Course Title	Cr.	Hrs.	Th.	Pr.	Field Tr.	Comments
2/1	DA 111	Clinical Practice in Dentistry (I)	2	8			8	Prerequisite DA 102
2/1	DA 112	Dental Materials (I)	3	5	1	4		
2/1	DA 113	Dental Radiology	3	5	1	4		
2/1	DA 116	Infection Control in Dentistry	3	3	3			
2/1	DA 114	Management of Dental Office	3	3	3			
2/1	ESP 105	English for Dentistry	3	3	3			Prerequisite EL 101
2/1		Total	17	27	11	8	8	
Semester/ Year	Course#	Course Title	Cr.	Hrs.	Th.	Pr.	Field Tr.	Comments
1/2	DA 201	Clinical Practice in Dentistry (II)	4	16			16	Prerequisite DA 111
1/2	DA 202	Dental Materials (II)	3	4	2	2		Prerequisite DA 112
1/2	DA 203	Oral Pathology and Histology	3	3	3			
1/2	DA 204	Medical Emergencies in Dentistry	3	4	2	2		
1/2	BS 123	Human Relations	2	2	2			
1/2		Total	15	29	9	4	16	
Semester/ Year	Course#	Course Title	Cr.	Hrs.	Th.	Pr.	Field Tr.	Comments

2/2	DA 211	Clinical Practice in Dentistry (III)	4	16		16	Prerequisite DA 201
2/2	DA 205	Dental Public Health	3	3	3		
2/2	DA 206	Dental Seminar	3	3	3		
2/2	SS 101	Islamic Education	2	2	2		
2/2		Elective	2	2	2		Students are allowed to register for Elective courses at any semester.
2/2		Elective	2	2	2		
2/2		Elective	2	2	2		
2/2		Total	18	30	14	16	

Diploma Certificate

Total Credits 68

College : **HEALTH SCIENCES**
: **SECOND SEMESTER 2016-2017**

Department : **عيادة فني - أسنان و فم صحة قسم**
: **DP-**

0315

Program

Degree: **دبلوم**

required for graduation

: 68

Term

Program

Dental Assistant

No. of units

at least

Credit (17)	Cou	Course Title	Units Hours	Pre-req uisit
مقررات ثقافية	No.	Infection	3 3	
1-عامه	03	Control in	4 8	
	50	Dentistry	3 4	
	115	Clinical	3 3	

03	Practice in	3	4	03
50	Dentistry	4	16	50
201	(2) Dental	3	3	111
03	Material	3	3	03
50	(2)	(8) Credit		50
202	Oral	(8) Credit		112
03	Pathology	Units		
50	and	Hours		
203	Histology	2	2	03
03	Medical	3	4	50
50	Emergenci	3	4	201
204	es in			
03	Dentistry			
50	Clinical			
211	Practice in			
03	Dentistry			
50	(3) Dental			Pre-
212	Public			req
03	Health			uisit
50	Dental			
213	Seminar			

A A
 Cou Course
 rse Title
 No. HUMAN
 03 RELATIO
 03 NS
 123 Dental
 03 Anatomy
 42 and
 166 Physiology
 03 GENERAL
 46 MICROBI
 155 OLOGY

Credit
 (13)
 مجموعة
 إجبارية

Course No.	Course Title	Units Hours	Pre-req uisit
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03 01 101 ISLAMIC CULTURE	2	2	
03 03 112 LOYALTY AND VALUES OF PROFESSION	3	3	
03 24 108 COMPUTERS	3	4	
03 30 101 ENGLISH LANGUAGE (1)	2	3	03 30 99

OR

03 30 212 English For specific purpose (Dental)	3	3	03 30 101
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03 30 99 BEGINNER'S ENGLISH LANGUAGE	0	5	
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(4) Credit

مجموعة إختيارية

Course No. Course Title	Units Hours	Pre-requisite
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03 03 125 KUWAIT AND	2	2	
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DEVELOPMENT		
104 03 07	الفن والحياه	2 2
08 03	اللياقه البدنيه والرياضه 197	2 3
03 15 114	INTRO DUCTION TO PSYCHOLOG Y	2 2
101 03 18	اللغه الإسبانية	2 3
03 22 104	Establis hments & Management of	2 2
small Projects		
03 30 107	General french language 1	2 3
03 41 102	FIRST AID	2 2

(43) Credit

مقررات تخصصية
2-

مجموعة إجبارية		
(43) Credit		
Course No. Course Title	Units Hours	Pre- req uisit
03 50 101	3 3	Introduc

**tion to
Dentistry**

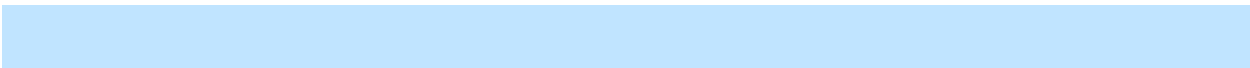
**03 50
102 Clinical
Application in
Dentistry** **3 4**

**03 50
111 Clinical
Practice in
Dentistry (1)** **2 4 03
50
102**

**03 50
112 Dental
Materials 1** **3 5**

**03 50
113 Dental
Radiology** **3 5**

**03 50
114 Manage
ment of Dental
Office** **3 3**



[Click here to Review Major sheet in pdf](#)

Program Dental

<i>Program Information</i>	
Instructional Level	Two-Year Technical Diploma
Instructional Area	Dental
Program Manager	Dental and Oral Health Department

Original Developer(s)

Nourah Al-Ajmy , Waheeda Al-Mayyan ,
Suad Al-Kamis

Target Population

Female student from high school , Kuwaiti nationalities, and not younger than 18 years old (non Kuwaitis have at least one year experience)

Description

Dental assistant technician is a member of dental health care providers. The dental assistant program prepares graduates to work with dentists as they examine and treat dental clients. Dental assistant technician also may carryout variety of laboratory, clinical and office duties. Graduate works primarily under the direct supervision of the dentist.

Career/Job Titles

1.Dental Assisting Technician

Related DACUM Studies**DACUM Title**

Dental Assistant

Entry Requirements

1.High school grade of 65% (science)

2.Pass personal interview

Evaluation Summary

This program will be evaluated after five years from implementation

External Standards

1. American Dental Association
1. American Dental Education Association
1. American Dental Assistant Association

Program Outcomes

1. Collect diagnostic and treatment data
2. Manage infection and hazard control
3. Perform clinical supportive treatments
4. Take diagnostic radiographs
5. Perform dental laboratory procedures
6. Provide patient oral health instruction
7. Assist in managing medical emergencies
8. Model professional behaviors, ethics, and appearance
9. Carry out dental office procedures

Core Abilities

1. PROFESSIONAL AND PERSONAL ETHICS- Apply a collection of generally accepted ethical standards for "right conduct" in both personal and professional areas
2. TEAMWORK- Work effectively and cooperatively in a group setting
3. STRESS MANAGEMENT- Manage stress in appropriate ways
4. Act responsibly
5. STRESS MANAGEMENT- Manage stress in appropriate ways
6. Work cooperatively and efficiently
7. Communicate effectively
8. Think critically and creatively
9. PERSONAL DEVELOPMENT: Demonstrate self-management through practices that promote physical, mental, and spiritual well-being and encourage lifelong learning opportunities.
10. TIME MANAGEMENT- Organize activities to accomplish desired tasks in time available

Course Configuration

Semester /Year	Course #	Course Title	Credits	Total Contact Hrs	Category
1/1	DA 102	Introduction to Dentistry	2	45	Core Course
1/1	AMS 155	Anatomy and Physiology	3	60	Core Course
1/1	DA 101	Clinical Practice and Instrumentation I	3	60	Core Course
1/1	CS 108	Introduction To Computer Science	3	60	Core Course
1/1	EL 101	English 1	2	45	General Education Requirement
1/1	NSC 155	Microbiology	3	60	Core Course
		Total	16		
2/1	DA 113	Dental Radiology	3	75	Core Course
2/1	DA 112	Dental Material I	3	75	Core Course
2/1	SS 101	Islamic Education	2	30	General Education Requirement
2/1	DA 111	Clinical Practice and Instrumentation II	3	135	Core Course
2/1	DA 114	Management of Dental Office	2	30	Core Course
2/1	DA 115	Infection Control in Dentistry	2	30	Core Course
2/1	AMS 254	Anatomy of Head And Neck	3	60	Core Course

		Total	18		
1/2	DA 201	Clinical Practice and Instrumentation III	4	240	Core Course
1/2	DA 205	Community Dental Health	2	45	Core Course
1/2	DA 202	Dental Material II	3	60	Core Course
1/2	DA 203	Oral Pathology and Histology	2	30	Core Course
1/2	DA 204	Medical Emergencies in Dentistry	3	60	Core Course
1/2	SS 112	Work Ethics and Loyalty	3	45	General Education Requirement
		Total	17		
2/2	DA 211	Clinical Practice and Instrumentation IV	5	300	Core Course
2/2	DA 212	Oral Health Education	2	45	Core Course
2/2	PH 116	Oral Pharmacology	2	45	Core Course
2/2	SP 455	Communication Psychology	2	30	Core Course
2/2		Elective	2	30	Elective
2/2		Elective	2	30	Elective
		Total	15		
1/3	DA 221	Summer Training	3	450	Core Course
		Total	3	450	
		Total Graduation	69		

Program Course Detail

Course 1. -- Introduction to Dentistry

Course Number	DA 102
Course Title	Introduction to Dentistry
Semester/Year	1/1
Credits	2
Contact Hours	3
Total Hours	45
Category	Core Course
Required	Yes
Course Description	This course is designed to introduce the dental assisting students to the science of dentistry and the profession of dental assistant.

Course 2. -- Anatomy and Physiology

Course Number	AMS 122
Course Title	Anatomy and Physiology
Semester/Year	1/1
Credits	3
Contact Hours	4
Total Hours	60
Category	Core Course
Required	Yes
Course Description	This course is designed to introduce student to the structure and organization of various systems in the human body. It deals with the structure and function of the musculoskeletal system, nervous system, circulatory system, blood, digestive system, urinary system, and endocrine and reproductive

system. Using a body system approach, the course emphasize the interrelationship between structure and function at the gross and microscopic levels of organization of the entire human body.

Course 3. -- Clinical Practice and Instrumentation I

Course Number	DA 101
Course Title	Clinical Practice and Instrumentation I
Semester/Year	1/1
Credits	3
Contact Hours	4
Total Hours	60
Category	Core Course
Required	Yes
Course Description	The students will be familiar with the instruments and equipments used in dental field. Also this course provides the students with basic theoretical and clinical information necessary in dental assistant practice.

Course 4. -- Introduction To Computer Science

Course Number	CS 108
Course Title	Introduction To Computer Science
Credits	3
Contact Hours	4
Total Hours	60
Category	Core Course
Required	Yes

Course Description

This course will survey the field of computer technology and information systems. You will acquire a basic understanding of how computers process information through the integrated use of hardware and software. Computer laboratory sessions will introduce students to a variety of software packages that will include word processing, spreadsheets, graphics, communications, and database management functions

Course 5. -- English Language

Course Number	EL 101
Course Title	English Language
Credits	2
Contact Hours	2
Total Hours	30
Category	General Education Requirement
Required	Yes
Course Description	This course is a critical reading for special purposes and expository writing offers training in the writing process, the development and organization of expository prose, and research techniques. The course emphasizes quality in logic and direction

Course 6. -- Microbiology

Course Number	NSC 155
Course Title	Microbiology
Semester/Year	1/1
Credits	3
Contact Hours	3
Total Hours	45
Category	Core Course

Required	Yes
Course Description	This course will introduce the morphology, physiology, and taxonomy of microorganisms and how they relate to man and the environment as well as new developments in the field of microbiology and what influences they will have in the future.

Course 7. -- Dental Radiology

Course Number	DA 113
Course Title	Dental Radiology
Semester/Year	2/1
Credits	3
Contact Hours	5
Total Hours	75
Category	Core Course
Required	Yes
Course Description	This, course is designed to introduce the students to the science of radiology. It will explain the basic concepts of the x-ray image formation.. and will give the student the access to the new techniques of x-ray. In addition, it will enable the students to differentiate between t anatomical landmark and pathological defects that are found in both the maxillary and mandibular arches of the oral cavity

Course 8. -- Dental Material I

Course Number	DA 112
Course Title	Dental Material I
Semester/Year	2/1

Credits	3
Contact Hours	5
Total Hours	75
Category	Core Course
Required	Yes
Course Description	A study of the clinical application of dental materials. and their relationship to the oral environment is essential for the dental assistant. This course is designed to provide the dental assistant with a sound knowledge base in the science of dental materials. Emphasis will be placed on why specific material is used rather solely upon the techniques of manipulating materials. Objectives will be equally balanced among .the cognitive, psychomotor, and affective domains of learning and within the dental assistant scope of practice. A primary objective of this course is to enhance the student's ability to make clinical judgments regarding the application of dental materials and the ways in which these materials react to the oral environment.

Course 9. -- Islamic Education

Course Number	SS 101
Course Title	Islamic Education
Semester/Year	2/1
Credits	2
Contact Hours	2
Total Hours	30
Category Required	General Education Requirement Yes
Course Description	This course will introduce the main concepts of Islam as a comprehensive way of life, covering all aspects that human beings are in need for and focusing on the major rulings of Islamic faith and Prayers.

Course 10. -- Clinical Practice and Instrumentation II

Course Number	DA 111
Course Title	Clinical Practice and Instrumentation II
Semester/Year	2/1
Credits	3
Contact Hours	9
Total Hours	135
Category	Core Course
Required	Yes
Course Description	A comprehensive course designed to acquaint the student with the many aspects of assisting at chair-side in the treatment of dental patients. Among the areas included are: patients Management techniques; taking and recording medical and dental histories; vital signs; performing and assisting with clinical-examinations and charting; assisting with local anesthesia and all areas of dental treatment, also operating and maintaining dental equipment and sterilization.

Course 11. -- Management of Dental Office

Course Number	DA 114
Course Title	Management of Dental Office
Semester/Year	2/1
Credits	2
Contact Hours	2
Total Hours	30
Category	Core Course
Required	Yes

Course Description

This course is designed to provide students with a comprehensive overview of the dental business. Emphasis is on practice management, communication management, business office systems, and interview techniques.

Course 12. -- Infection Control in Dentistry**Course Number**

DA 115

Course Title

Infection Control in Dentistry

Semester/Year

2/1

Credits

2

Contact Hours

2

Total Hours

30

Category

Core Course

Required

Yes

Course Description

This course is designed to give the student an overview of the microbiological burden encountered in the dental office, the philosophy of infection control in dentistry, and the methods of protecting. Both patient and staff. In addition, current concepts of occupational safety and health risks encountered in the dental clinic environment will be presented with strategies to lower risks and improved the working environment.

Course 13. -- Anatomy of Head And Neck**Course Number**

AMS 254

Course Title

Anatomy of Head And Neck

Semester/Year	2/1
Credits	3
Contact Hours	4
Total Hours	60
Category	Core Course
Required	Yes
Course Description	This course explains the structure and function of head and neck. It will focus on histological and embryologic development and structural microanatomy to gain an understanding of clinical and oral manifestation of the regions of the head and neck.

Course 14. -- Clinical Practice and Instrumentation III

Course Number	DA 201
Course Title	Clinical Practice and Instrumentation III
Semester/Year	1/2
Credits	4
Contact Hours	16
Total Hours	240
Category	Core Course
Required	Yes
Course Description	A clinical experience in which each student will be given-the opportunity to learn and utilize basic assisting skills. Students will be assigned a given number of dental patients. Each student will assist with introducing the patients t the clinic operating policies, establishing records, taking vital signs, charting, planning appointments assisting with or performing certain dental services, performing bookkeeping entries, and dismissing patients.

Course 15. -- Community Dental Health

Course Number	DA 205
Course Title	Community Dental Health
Semester/Year	1/2
Credits	2
Contact Hours	3
Total Hours	45
Category	Core Course
Required	Yes
Course Description	This course prepares students to promote oral health and prevent oral diseases-in a community. It provides students with a broad understanding of the health care system and an objective view of the significant social, political, psychological,, and economic forces-directing the system. This course will provide students with knowledge and skills necessary to meet specific oral health needs of community groups as distinct from the traditional clinical approach, which is designed to meet the needs of individual patients.

Course 16. -- Dental Material II

Course Number	DA 202
Course Title	Dental Material II
Semester/Year	1/2
Credits	3
Contact Hours	4
Total Hours	60
Category	Core Course
Required	Yes

Course Description

This Course will emphasize on teaching the students clinical applications of materials used in dentistry, e.g. restorative dentistry (gold- ceramics, acrylics, cements, models' materials and impression materials), operative dentistry (filling materials, liner, bases, and preventive materials), orthodontic and periodontics materials (wires, stainless steel, rubbers) and implant dentistry (titanium, and all related materials. In addition, the course will demonstrate clinical -handling of different dental instrumentation and the use of dental equipment used to polish, mix and set different dental materials.

Course 17. -- Oral Pathology and Histology

Course Number	DA 203
Course Title	Oral Pathology and Histology
Semester/Year	1/2
Credits	2
Contact Hours	2
Total Hours	30
Category	Core Course
Required	Yes
Course Description	This course will provide the student with the basic understanding of diseases of the mouth and surrounding structures, and the skills necessary to detect deviations from normal in the evaluation of the patient's health status. In addition, it will provide an overview of the embryological development of the oral cavity and surrounding structures, and the histologic structure of oral tissues. The student is provided the opportunity to learn the development, structure, morphology, eruption and function of the primary and permanent dentition.

Course 18. -- Medical Emergencies in Dentistry

Course Number	DA 204
Course Title	Medical Emergencies in Dentistry
Semester/Year	1/2
Credits	3
Contact Hours	4
Total Hours	60
Category	Core Course
Required	Yes
Course Description	This course will provide the student with the basic information necessary to successfully manage the most common emergency conditions that would occur in the dental clinic.

Course 19. -- Work Ethics and Loyalty

Course Number	SS 112
Course Title	Work Ethics and Loyalty
Semester/Year	1/2
Credits	3
Contact Hours	3
Total Hours	45
Category	General Education Requirement
Required	Yes
Course Description	The course focuses on social work profession to enhance human well-being and help meet the basic human needs of all people. A historic and defining feature of social work is the profession's focus on individual well-being in a social context and the well-being of society. Fundamental to social work is attention to the environmental forces that create, contribute to, and address problems in living.

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Course 20. -- Clinical Practice and Instrumentation IV

Course Number	DA 211
Course Title	Clinical Practice and Instrumentation IV
Semester/Year	2/2
Credits	5
Contact Hours	20
Total Hours	300
Category	Core Course
Required	Yes
Course Description	This clinical experience is a continuation of Clinical Practice and Instrumentation I, II. Each student will gain additional chair-side assisting skills and experience and begin to incorporate the advanced functions into patient treatment procedures.

Course 21. -- Oral Health Education

Course Number	DA 212
Course Title	Oral Health Education
Semester/Year	2/2
Credits	2
Contact Hours	3
Total Hours	45
Category	Core Course
Required	Yes

Course Description	A comprehensive course designed to acquaint students with the art and science of oral health education. This course trains student to educate dental clinics in dental office and public. Emphasis is on health education theories, plaque control aids, nutrient, smoking cessation and fluoride.

Course 22. -- Oral Pharmacology

Course Number	PH 116
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Course Title	Oral Pharmacology
Semester/Year	2/2
Credits	2
Contact Hours	2
Total Hours	45
Category	Core Course
Required	Yes
Course Description	It is an effect of the clinical practice of dental hygiene and dentistry. Drugs commonly used in dentistry and correct methods for their use. Emphasis on pharmacological aspects of anesthesia.

Course 23. – Communication Psychology

Course Number	SP 455
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Course Title	Communication Psychology
Semester/Year	2/2
Credits	2

Contact Hours	3
Total Hours	45
Category	Core Course
Required	Yes
	An analysis of the basic principles of learning theory as well as physical, social, and moral development as they are applied to classroom learning with emphasis upon the application of theory to practical educational situations. Basics of standardized measurement, behavior management as applied to the classroom, and the influence of socio-cultural forces in society on education are discussed. Educational exceptionalities and laws related to them are also examined

Course 24. -- Elective

Course Title	Elective
Semester/Year	2/2
Credits	2
Contact Hours	2
Total Hours	30
Category	Elective
Required	Yes

Course 25. -- Elective

Course Title	Elective
Semester/Year	2/2
Credits	2
Contact Hours	2
Total Hours	30

Category	Elective
Required	Yes

Course 26. -- Summer Training

Course Number	DA 221
Course Title	Summer Training
Semester/Year	1/3
Credits	3
Contact Hours	30
Total Hours	450
Category	Core Course
Required	Yes
Course Description	This practical course is designed as an internship for each student with a practitioner of dentistry. Arrangements are made with each dentist and dental hygienist taking part in the program to enable the student to obtain experience in all aspects of dental office procedures. Each student will be assigned to two offices for a period of three weeks in each office.

Course 13. -- Anatomy of Head And Neck

Course Number	AMS 254
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Course Title	Anatomy of Head And Neck
Semester/Year	2/1
Credits	3

Contact Hours	4
Total Hours	60
Category	Core Course
Required	Yes
Course Description	This course explains the structure and function of head and neck. It will focus on histological and embryologic development and structural microanatomy to gain an understanding of clinical and oral manifestation of the regions of the head and neck.

Course 14. -- Clinical Practice and Instrumentation III

Course Number	DA 201
Course Title	Clinical Practice and Instrumentation III
Semester/Year	1/2
Credits	4
Contact Hours	16
Total Hours	240
Category	Core Course
Required	Yes
Course Description	A clinical experience in which each student will be given-the opportunity to learn and utilize basic assisting skills. Students will be assigned a given number of dental patients. Each student will assist with introducing the patients t the clinic operating policies, establishing records, taking vital signs, charting, planning appointments assisting with or performing certain dental services, performing bookkeeping entries, and dismissing patients.

Course 15. -- Community Dental Health

Course Number	DA 205
Course Title	Community Dental Health
Semester/Year	1/2
Credits	2
Contact Hours	3
Total Hours	45
Category	Core Course
Required	Yes
Course Description	This course prepares students to promote oral health and prevent oral diseases-in a community. It provides students with a broad understanding of the health care system and an objective view of the significant social, political, psychological,, and economic forces-directing the system. This course will provide students with knowledge and skills necessary to meet specific oral health needs of community groups as distinct from the traditional clinical approach, which is designed to meet the needs of individual patients.

Course 16. -- Dental Material II

Course Number	DA 202
Course Title	Dental Material II
Semester/Year	1/2
Credits	3
Contact Hours	4
Total Hours	60
Category	Core Course
Required	Yes
Course Description	This Course will emphasize on teaching the students clinical applications of materials used in dentistry, e.g. restorative dentistry (gold- ceramics, acrylics, cements, models'materials

and impression materials), operative dentistry (filling materials, liner, bases, and preventive materials), orthodontic and periodontics materials (wires, stainless steel, rubbers) and implant dentistry (titanium, and all related materials. In addition, the course will demonstrate clinical -handling of different dental instrumentation and the use of dental equipment used to polish, mix and set different dental materials.

Course 17. -- Oral Pathology and Histology

Course Number	DA 203
Course Title	Oral Pathology and Histology
Semester/Year	1/2
Credits	2
Contact Hours	2
Total Hours	30
Category	Core Course
Required	Yes
Course Description	This course will provide the student with the basic understanding of diseases of the mouth and surrounding structures, and the skills necessary to detect deviations from normal in the evaluation of the patient's health status. In addition, it will provide an overview of the embryological development of the oral cavity and surrounding structures, and the histologic structure of oral tissues. The student is provided the opportunity to learn the development, structure, morphology, eruption and function of the primary and permanent dentition.

Course 18. -- Medical Emergencies in Dentistry

Course Number	DA 204
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Course Title	Medical Emergencies in Dentistry
Semester/Year	1/2
Credits	3
Contact Hours	4
Total Hours	60
Category	Core Course
Required	Yes
Course Description	This course will provide the student with the basic information necessary to successfully manage the most common emergency conditions that would occur in the dental clinic.

Course 19. -- Work Ethics and Loyalty

Course Number	SS 112
Course Title	Work Ethics and Loyalty
Semester/Year	1/2
Credits	3
Contact Hours	3
Total Hours	45
Category	General Education Requirement
Required	Yes
Course Description	The course focuses on social work profession to enhance human well-being and help meet the basic human needs of all people. A historic and defining feature of social work is the profession's focus on individual well-being in a social context and the well-being of society. Fundamental to social work is attention to the environmental forces that create, contribute to, and address problems in living.

Course 20. -- Clinical Practice and Instrumentation IV

Course Number	DA 211
Course Title	Clinical Practice and Instrumentation IV
Semester/Year	2/2
Credits	5
Contact Hours	20
Total Hours	300
Category	Core Course
Required	Yes
Course Description	This clinical experience is a continuation of Clinical Practice and Instrumentation I, II. Each student will gain additional chair-side assisting skills and experience and begin to incorporate the advanced functions into patient treatment procedures.

Course 21. -- Oral Health Education

Course Number	DA 212
Course Title	Oral Health Education
Semester/Year	2/2
Credits	2
Contact Hours	3
Total Hours	45
Category	Core Course
Required	Yes
Course Description	A comprehensive course designed to acquaint students with the art and science of oral health education. This course trains student to educate dental clinics in dental

office and public. Emphasis is on health education theories, plaque control aids, nutrient, smoking cessation and fluoride.

Course 22. -- Oral Pharmacology

Course Number	PH 116
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Course Title	Oral Pharmacology
Semester/Year	2/2
Credits	2
Contact Hours	2
Total Hours	45
Category	Core Course
Required	Yes
Course Description	It is an effect of the clinical practice of dental hygiene and dentistry. Drugs commonly used in dentistry and correct methods for their use. Emphasis on pharmacological aspects of anesthesia.

Course 23. – Communication Psychology

Course Number	SP 455
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Course Title	Communication Psychology
Semester/Year	2/2
Credits	2
Contact Hours	3
Total Hours	45
Category	Core Course

Required	Yes
	An analysis of the basic principles of learning theory as well as physical, social, and moral development as they are applied to classroom learning with emphasis upon the application of theory to practical educational situations. Basics of standardized measurement, behavior management as applied to the classroom, and the influence of socio-cultural forces in society on education are discussed. Educational exceptionalities and laws related to them are also examined

Course 24. -- Elective

Course Title	Elective
Semester/Year	2/2
Credits	2
Contact Hours	2
Total Hours	30
Category	Elective
Required	Yes

Course 25. -- Elective

Course Title	Elective
Semester/Year	2/2
Credits	2
Contact Hours	2
Total Hours	30
Category	Elective
Required	Yes

Course 26. -- Summer Training

Course Number	DA 221
Course Title	Summer Training
Semester/Year	1/3
Credits	3
Contact Hours	30
Total Hours	450
Category	Core Course
Required	Yes
Course Description	This practical course is designed as an internship for each student with a practitioner of dentistry. Arrangements are made with each dentist and dental hygienist taking part in the program to enable the student to obtain experience in all aspects of dental office procedures. Each student will be assigned to two offices for a period of three weeks in each office.