



<b>Para medical program</b>	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809111</b>
<b>Course title</b>	Introduction to Dental Sciences and Dental Terminology
<b>Credit hours</b>	<b>2</b>
<b>Theoretical hours</b>	<b>2</b>
<b>Practical hours</b>	<b>0</b>

### **Course Description**

This course is designed to familiarize the allied dental sciences students with their new field study and their future profession through dental terminology and introduces them to the different dental programs available and some dental terminology.

### **Course Objectives Percentage**

- 1-To have a clear idea about the different programs of study offered in the Dentistry field
- 2-Have a clear idea about the differences between the three different programs (Dentistry, Dental assistant and dental technology) and the advantages of their own program and the degree awarded by this program
- 3-To identify the duties of dentist , dental assistant and the dental technician in the dental health care team
- 4- Have a good idea about the different disciplines of dentistry
- 5- Identify some of the instruments that will be used in the different fields
- 6- Be familiar with the different systems used in nomenclature of the teeth

<b>Course Content</b>		
1	Introduction to the course	
2	The dental health care team	
3	Duties of dental assistants, dental technicians, and other personnel	
4	Dental Anatomy and tooth nomenclature	
5	<b>First exam</b>	
6	7 Restorative dentistry	

7	8 Prosthodontics	
8	9 Periodontics	
9	10 Preventive dentistry,	
10	11 <b>Second exam Study well</b>	
11	13 Oral surgery Handouts	
12	14 Radiology Handouts	
13	15 Pedodontics Handouts	
14	16 Orthodontics	
15	<b>Final exam</b>	

### **Resources**

1. Dental Anatomy, histology and development, Bhalajhi, S.I.(1998). 1st. Arya (Medi) Publishing House, Darya Gani, New Delhi
2. Glossary of prosthodontics at <http://journals.elsevierhealth.com/periodicals/ympr/article/PIIS0022391305001757/fulltext>
3. Dental laboratory Technology, Prosthodontic Techniques. Sowter J

### **Teaching & Learning Methods**

There will be one lecture for tow hour every week, during which discussion may take place. The lectures will be given using power point presentations



<b>Para medical program</b>	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809121</b>
<b>Course title</b>	<b>Introduction to Dental Hygiene</b>
<b>Credit hours</b>	<b>3</b>
<b>Theoretical hours</b>	<b>3</b>
<b>Practical hours</b>	<b>0</b>

### **Course Description**

Practical application of the fundamental concepts, theories, and principles of dental hygiene practice. Emphasis is placed on mastering basic skills necessary for providing dental hygiene services to clients including the dental hygiene process of care (assessment, diagnosis, planning, implementation and evaluation), instrument selection, basic instrumentation, and ergonomics. Students must successfully achieve pre-clinical competencies to advance to the clinical aspect of the program where they start providing dental hygiene services to patients.

### **General Course Objectives:**

- 1- Convey the attitudes, conduct and personal appearance befitting a health professional.
- 2- Function effectively in a structured pre-clinical environment.
- 3- Develop an awareness of the knowledge, responsibilities, skills, and scope of practice of dental hygiene.
- 4- Identify the components and functions of the dental unit and operator and patient chair
- 5- Apply ergonomic patient, operator, and light positioning principles during patient care.
- 6- Seek out and utilize the instructor as a learning resource, based upon self, peer and instructor evaluation and feedback.
- 7- Demonstrate proper infection control (standard precautions) and disease transmission prevention techniques including personal protection equipment, hand washing, treatment area cleaning and disinfection, and instrument sterilization and recycling.
- 8- Display safety consciousness and the prevention of medical emergencies.
- 9- Perform complete and accurate dental hygiene assessment including health history, dental history, pharmacologic history, vital signs, and oral deposits

## Text Book

### Required texts

1. Nield-Gehrig, J.S. *Fundamentals of Periodontal Instrumentation*, ed 6 Philadelphia, Lippincott Williams and Wilkins, 2008
2. Nield-Gehrig, J.S. *Patient Assessment Tutorials, A Step-by-Step Guide for the Dental Hygienist*. Philadelphia, Lippincott Williams and Wilkins, 2007
3. *Clinical Dental Hygiene Manual- Part I. 2011/2012*. Jordan University of Science and Technology, Irbid, Jordan
4. Darby ML, Walsh MM. *Dental Hygiene Theory & Practice. 3rd ed*. Elsevier Saunders, 2010.
5. Darby, ML. *Comprehensive Review of Dental Hygiene*, ed 6. Elsevier Saunders, 2006.

**References** Wilkins E. *Clinical Practice of the Dental Hygienist. 10th ed*. Philadelphia: Lippincott Williams & Wilkins; 2009.  
Thomson EM. *Case Studies in Dental Hygiene. 2nd ed*. Upper Saddle River, NJ: Prentice Hall; 2009.  
Gage, T., and Pickett, F. (2002). *Mosby's Dental Drug Reference. 6th ed.*, St Louis, Mosby

Course content		
1	Introduction to the course and clinic -1	
2	Assessment: Medical, Dental, & Pharmacologic Histories What to do in case of an emergency	
3	Instrument Grasp	
4	First exam	
5	Principles & Theories of Periodontal Explorers (Universal Explorers) and Dental Explorers Principles of Periodontal Instrumentation:	
6	Dental Hygiene Process: ASSESSMENT- Extra oral	
7	Second exam	
8	Dental Hygiene Process: ASSESSMENT Intra oral	
9	Dental Hygiene Process ASSESSMENT- Occlusion	
10	Final exam	



Para medical program	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809131</b>
<b>Course title</b>	<b>Cross infection and sterilization</b>
<b>Credit hours</b>	<b>3</b>
<b>Theoretical hours</b>	<b>2</b>
<b>Practical hours</b>	<b>3</b>

### Course Description

This course is an undergraduate course that has the following objectives: emphasis on the sterilization methods used to care of dental unit, the role of the dental assistant in infection control application, and sterilization methods, studying of different species of microorganisms, and the new methods available this purpose.

### Course Objectives Percentage

1. Identify the basic principles of microbiology 2. 10%
2. Define basic terms used in dental microbiology 10%
3. Identify and describe bacterial diseases 20%
4. Identify various preventive measures, universal precautions to follow in order to reduce the risk of disease transmission 20%
5. Identify and demonstrate accepted methods of sterilization 30%
6. Describe proper methods used in the dental unit, storage and handling of instruments 10%

Course Content		
1	1 Introduction to the course	
2	2 Orientation to sterilization methods	
3	3 Basic microbiology, Classify and recognize microorganisms	
4	4 Disease prevention in the dental office	
5	<b>5 First Exam</b>	
6	6 Personal safety and barrier protection	
7	7 Instrument recirculation	
8	8 Environmental surface and equipment asepsis	
9	9 Waterline biofilm	
10	<b>10 Second Exam</b>	
11	11 Waterline biofilm	

12	12 Sterilization for dental handpieces	
13	14 Professionalism and dental ethics	
14	15 Marketing infection control	
15	16 Comprehensive review to the course	
16	<b><i>FINAL EXAM</i></b>	

**Textbook**

**Title** Mosby's Comprehensive Review of Dental Hygiene

**Author(s)** Michele Leonardi Darby, BSDH, MS

**Publisher** MOSBY ELSEVIER

**Year** 7th edition, 2006



<b>Para medical program</b>	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809141</b>
<b>Course title</b>	<b>Restorative Dentistry1</b>
<b>Credit hours</b>	<b>3</b>
<b>Theoretical hours</b>	<b>2</b>
<b>Practical hours</b>	<b>3</b>

### **Course Description**

The course is designed to bring the students to the basic knowledge in operative dentistry, crown and bridgework, and endodontics. The course emphasizes on the fundamentals of these disciplines of dentistry and the role of the dental assistant in improving the treatment outcome and assisting the dentist in the various clinical procedures

### **Course Objectives Weights**

1. Define Endodontics and the role of the endodontist. 5%
2. Identify instruments used in endodontic procedures and describe their functions. 10%
3. Identify material used in endodontic procedures and describe their functions. 5%
4. Describe endodontic procedures and the responsibilities of the dental assistant. 10%
- 10%
10. Define matrix and wedge and list types and uses of matrices. 10%
11. Explain the purpose of dental dam.
14. List and explain the types of dental restorative materials. 5%
15. Explain dental amalgam restorative material. 5%
16. Identify the armamentarium and steps of an amalgam procedure.

### **Course Content**

	1 Introduction into the course Syllabus distribution and orientation	
	2 - Nomenclature and classification of dental caries - Dental caries diagnosis and charting	
	3 Hand and rotary instruments used in operative dentistry	
	4 Clinical management of caries with amalgam - Cavity preparation	

	5 Clinical management of caries with amalgam - Class II amalgam procedure - Tofflemire and matrix band	
	6 Clinical management of caries with Composite & GI material - Cavity preparation	
	7 Clinical management of caries with Composite & GI material - Class III Composite procedure - Class V GI procedure	
	8 Endodontics I: - Introduction into endodontics	
	9 Endodontics I: - Pulpal and periapical diseases	
	10 Endodontics I: - Endodontic diagnosis - Role of the DA	
	11 Endodontics II: - Endodontic instruments	
	12 Endodontics II: - Endodontic materials	
	13 Endodontics III: - Isolation and infection control	
	14 Endodontics III: - RCT clinical procedure	

**Text Book**

**Title** Fundamentals of Operative Dentistry

**Author(s)** Schwartz

**Publisher** Oxford University Press

**Year** 1997

**Edition** 1st edition

**Book Website** -

**References** 1. Bernard Smith. Planning and making crowns and bridges. 3rd edition.

2. Walton and Torabinejad. Principles and practice of endodontics. 2nd edition.

3. Lecturers Notes and Handouts.





<b>Para medical program</b>	
<b>Specialization</b>	
<b>Course number</b>	<b>020809241</b>
<b>Course title</b>	Restorative Dentistry2
<b>Credit hours</b>	<b>3</b>
<b>Theoretical hours</b>	<b>2</b>
<b>Practical hours</b>	<b>3</b>

### **Course Description**

The course is designed to bring the students to the basic knowledge in operative dentistry, crown and bridgework, and endodontics. The course emphasizes on the fundamentals of these disciplines of dentistry and the role of the dental assistant in improving the treatment outcome and assisting the dentist in the various clinical procedures

### **Course Objectives Weights**

- 1- Define the scope of fixed prosthodontics. 5%
- 2- Describe the various types of fixed prostheses and their functions. 5%
- 3- Describe the dental materials used in fixed prostheses. 5%
- 4- Explain techniques of retaining prosthesis when there is little or no crown on the tooth. 5%
- 5- Describe the role of dental assistant in all phases of fixed Prosthodontics treatment.
- 6- Explain the function and different types of gingival retraction. 5%
- 7- Describe the rationales of temporary (provisional) restoration and the role of dental assistant in fabricating custom temporaries. 5%

	1 Introduction into the course Syllabus distribution and orientation	
	Fixed Prosthodontics I (Crown & Bridge): - Introduction into fixed prosthodontics	
	Fixed Prosthodontics I (Crown & Bridge): - Types and classification	
	10 Fixed Prosthodontics I (Crown & Bridge): - Indications	
	List types of bridges and crowns	
	5 Mention purpose of Crown and Bridge fabrication	
	7 Describe types of polysiloxane impression material in fixed prostheses	
	7 Describe uses of polysiloxane impression material	

	in fixed prostheses	
	8 Identify stages and steps of post crown procedure	
	9 Mention DA role in each step and phase of crown/bridge, and postcrown fabrication	
	List types & purposes of retraction cord application	
	Demonstrate correct temporary crown/ bridge fabrication and cementation	
	List types and purposes of materials used for temporary Crown/bridge fabrication	

**Text Book**

**Title** Fundamentals of Operative Dentistry

**Author(s)** Schwartz

**Publisher** Oxford University Press

**Year** 1997

**Edition** 1st edition

**Book Website** -

**References** 1. Bernard Smith. Planning and making crowns and bridges. 3rd edition.

2. Walton and Torabinejad. Principles and practice of endodontics. 2nd edition.

3. Lecturers Notes and Handouts.



Para medical program	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809142</b>
<b>Course title</b>	<b>Oral Medicine</b>
<b>Credit hours</b>	<b>2</b>
<b>Theoretical hours</b>	<b>2</b>
<b>Practical hours</b>	<b>0</b>

**Brief Course Description:**

This course presents the basic principles of general and oral medicine applied in treating the more common or typical diseases of the various systems of the body.

Materials are presented in a system by system approach. Bacterial Diseases, viral Diseases, blood diseases (or blood disorder), nutritional diseases heart & Blood vessels diseases, Nervous System diseases, allergic diseases and gastro – intestinal diseases are discussed in a simple way. Finally, the course deals with mucosal infection and jaws disease.

**Course Objectives:**

Upon the completion of the course, the student will be able to:

1. Emphasis is generally placed on the understanding of the various oral disease processes, and on medical and pharmacologic treatment, rather than on diagnosis of disease.
2. Provide the student with the basic knowledge about the various diseases affecting different oral systems of the body.
3. Provide the student with the basic knowledge about the proper dental medical management of the total patient.

**Detailed Course Description:**

Unit Name	Unit Content	Number
<b>Internal disease that can be diagnosed through oral cavity</b>	Bacterial Diseases Viral Diseases Blood diseases (or blood disorder) Nutritional diseases	
<b>2- Treatment of Medically compromised patient</b>	Heart & Blood vessels diseases Nervous System diseases Allergic diseases	
<b>3. Oral Medicine</b>	Mucosal infection Recurrent aphthous ulcers Lichen planus Jaws disease	

**Text Books & References:**

1. Tierney, Lawrence M. Saint, Sanjay Whool. Current Essentials of Medicine for the PDA. Publisher: McGraw-Hill,2007
2. Regezi, Joseph A., and Sciubba, James. Oral Pathology: Clinical Pathologic Correlations.4th ed. St. Louis,MO: Saunders, 2003.
3. Cawson, RA and Odell EW. Cawson's essentials of oral pathology and oral medicine.7<sup>th</sup>ed. Churchill Livingstone, 2002.
4. Wood, Norman K. (Norman Kenyon), Review of diagnosis, oral medicine, radiology, and treatment, planning / Norman K. Wood.-4th ed. 1999.



<b>Para medical program</b>	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809151</b>
<b>Course title</b>	<b>Anatomy of the Head and Teeth</b>
<b>Credit hours</b>	<b>2</b>
<b>Theoretical hours</b>	<b>2</b>
<b>Practical hours</b>	<b>0</b>

**Brief Course Description:**

This course is designed to provide the student with the basic knowledge about the development, of the anatomy of oral cavity, face, Jaws, teeth, skull bones, and the muscles of facial expression and mastication. Also the course deals with the blood vessels of oral cavity and the nerves of oral cavity. Moreover, it deals with Teeth formation, composition, eruption and classification. Anatomical morphology of permanent and deciduous dentitions is the focus of this course.

**Course Objectives:**

Upon the completion of the course, the student will be able to:

1. Describe Skull Bones, Muscles of facial expression & mastication.
2. Describe Blood Vessels of oral cavity.
3. Describe Nerves of oral cavity.
4. Describe and distinguish between permanent and deciduous dentition.

**Detailed Course Description:**

**1-Development of oral cavity, face & Jaws**

Development of oral cavity, face& Jaws

**2. Description anatomy**

1. Skull Bones
2. Muscles of facial expression & mastication
3. Blood Vessels of oral cavity
4. Nerves of oral cavity
5. Permanent & deciduous dentition
6. Systems of numbering the teeth
7. Tooth formation & composition
8. Eruption & classification of teeth
9. Anatomical morphology of permanent and deciduous dentitions

**Text Books & References:**

1. Brand, R.W. &Isselhard, D.E. Anatomy of Orofacial Structures.7th ed. St. Louis, MO: Mosby, 2003.
2. Berkowitz, B.K.B., Holland, G.R. &Moxham, B.J.Oral Anatomy, Histology and Embryology. 3rd ed. Toronto, Mosby, 2002. **3. Teeth**



Para medical program	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809143</b>
<b>Course title</b>	<b>Preventive Dentistry 1</b>
<b>Credit hours</b>	<b>3</b>
<b>Theoretical hours</b>	<b>1</b>
<b>Practical hours</b>	<b>6</b>

#### **Brief Course Description:**

This course introduces the student to the component of preventive dentistry. the course will provide the students with the theoretical and practical skills of preventive dentistry at both the public health and individual patient care levels. Emphasis is put on the methods and ways of dental survey and practical application in schools .The course focuses on the principles of planing and how to apply the preventive programs and fluoride application in the dental clinic. The application of fluoride mouthwashes on groups scaling and root planing fissure sealant application making dental surveys and written reports an introductory course that presents the etiology and Philosophies of primary, secondary and tertiary prevention.

#### **Course Objectives:**

Upon the completion of the course, the student will be able to:

1. Emphasis is generally placed on the understanding of the various steps in the prevention of dental diseases.
2. Provide the student with the basic knowledge about theoretical and practical fluoride application and methods of tooth brushing
3. Provide the student with the basic knowledge about the methods and ways of dental survey and practical application in schools
4. The development and maintenance of dental disease programs are addressed as they relate to communicating with, educating and motivating patients

## **Detailed Course Description:**

### **1. Fluoride**

1. water fluoridation 2 Weeks
2. topical fluoride
3. fluoride mouth washes
4. tooth past
5. quality and cost

### **2. brushing**

1. mechanical tooth brushing 3 Weeks and applying that on groups
2. the role of brushing in prevention of oral and dental diseases
3. plaque control
4. fissure sealant in prevention of occlusal caries

### **3. Dental survey**

1. methods and ways of dental 1 Week survey and practical application in schools
2. principles of planing and how to apply the preventive programs

### **4. Clinical practice**

1. fluoride application in the 3 Weeks dental clinic
2. application of fluoride mouth washes on groups
3. scaling and root planing
4. fissure sealant application
5. making dental surveys and written reports and planning preventive programs

## **Text Books & References:**

### **Reference:**

1. The Prevention of Oral Disease Fourth Edition Edited by J. J. Murray CBE, J. H. Cowel, C. Sheiham, A. Promoting Dental Health. London. King Edward Hospital Fund. 1981.
2. Murray, J. Dental Practitioner Handbook : Fluorides In Caries Prevention. England Wright & Sons LTD. 1976.
3. Slack, G(ed). An Introduction to Community Dentistry., U.K. Bristol Wright & Sons LTD. 1981.
4. World Health Organization. Fluoridation & Dental Health. Geneva. WHO. 1969.
5. World Health Organization Planning and Evaluation. Of oral Health Services Geneva. WHO. 1980.
6. World Health Organization Planning and Evaluation of Public Dental Health Services. Geneva. WHO. 1976.
7. Forensic Dentistry Whitker Nunn, J. G. Steele, OX-FORD, 2003



<b>Para medical program</b>	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809242</b>
<b>Course title</b>	<b>Preventive Dentistry 2</b>
<b>Credit hours</b>	<b>3</b>
<b>Theoretical hours</b>	<b>1</b>
<b>Practical hours</b>	<b>6</b>

### **Course Description**

This course will introduce the ADS students to the current knowledge in the prevention of dental diseases and the dental hygienists' important role in this field. The course will cover the dental preventive strategies that could be applied to prevent dental diseases and problems such as dental caries, periodontal diseases, malocclusion, etc. The practical part will be an application of the theoretical knowledge given in the lectures, either by seeing clinical slides, demonstrations, group discussions, or practice on partners. Practical exam will be assigned later

### **Course Objectives Weights**

1. Define preventive dentistry, dental health education, patient education and motivation, and learning
2. Discuss the role of the dental hygienists in dental disease prevention and oral health promotion
3. Discuss public health career options for dental hygienists
4. Discuss effective learning and teaching principles that could be applied to educate patients about dental diseases and dental preventive strategies
5. Identify effective diet analysis and counseling principles
6. Describe the strategies to prevent oral mucosal lesions and orofacial traumas and injuries such as wearing mouth-guards for those practicing sports
7. Identify smoking as a risk factor for many dental diseases and explain the interventions that could be applied to help a client stop smoking
8. Discuss the concepts of preventing malocclusion

### **Course Content**



1. Diet analysis & nutritional counseling
2. Diet analysis & nutritional counseling
3. 7Dental Caries Prevention-Fluoride I
4. Mechanism of D. caries formationDemineralization
5. Fluoride role in caries prevention)Remineralization(
6. Systemic Fluoride –.fluoridated water, dietary fluoride supplements
7. Dental Caries Prevention-Fluoride II
8. Dental Caries prevention-pit and fissure sealants
9. Prevention of oral mucosal lesions
10. Prevention of orofacial traumas
11. Prevention of occlusal problems/malocclusion
12. Tobacco and oral health
13. Tobacco cessation interventions
14. Prevention of oral cancer & precancerous lesions
15. Oral cancer professional & self-examination

#### References

1. Geurink, K. V. (2002). Community oral health practice for the dental hygienist. 1st ed., Philadelphia, Pennsylvania, W.B. Saunders Company
2. Darby, M. L. (2002). Mosby's comprehensive review of dental hygiene.5th ed., St. Louis, Missouri, Mosby, Inc.
3. Jong's community dental health)
4. Handouts given by the instructor



<b>Para medical program</b>	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809144</b>
<b>Course title</b>	<b>Periodontology</b>
<b>Credit hours</b>	<b>3</b>
<b>Theoretical hours</b>	<b>2</b>
<b>Practical hours</b>	<b>3</b>

**Brief Course Description:**

- ❖ This basic course in Periodontics introduces the students to the gross and histological features of the normal periodontium. Emphasis is placed on the recognition of the periodontal lesions with an understanding of all the etiologic factors involved in the initiation and the progression of periodontal diseases
- ❖ This course is a continuation of periodontology I. It provides the students with the theoretical and practical skills of the diagnosis of periodontal diseases , treatment of periodontal diseases ,prevention of periodontal diseases treatment modalities and the biologic basis for various therapeutic procedures.

**Course Objectives:**

Upon the completion of the course, the student will be able to:

1. Stress need to formulate a logical sequence of therapy based on sound biologic principles and on information obtained from a thorough clinical and radiographic examination.
2. Overview of all current and accepted treatment procedures, both surgical and non-surgical, are presented.
3. Demonstrations of clinical procedures will include patient management, proper aseptic procedures and selected surgical procedures
4. Rational procedures for the management of periodontal diseases.
5. The basic objectives of sound background in all phases of periodontal therapy including assessment of clinical tissue response and determination of treatment needs.
6. Initial periodontal therapy and appropriate application of treatment modalities in a proper sequence.
7. How to utilize basic nonsurgical procedures in all phases of periodontal therapy.

## **Detailed Course Description:**

### **1. The tissues of the periodontium**

- ✂ Introduction to the tooth supporting structures
- ✂ Descriptive anatomy and histology of the gingiva
- ✂ Descriptive anatomy and histology of the periodontal ligament
- ✂ Descriptive anatomy and histology of the cementum
- ✂ Descriptive anatomy and histology of the alveolar bone

### **Aetiology and pathogenesis of the periodontal diseases**

- ✂ Periodontal microbiology (normal flora and dental plaque)
- ✂ Host-bacterial interactions in the periodontal diseases
- ✂ The role of calculus in the etiology periodontal diseases
- ✂ The role of faulty dentistry and other local factors in periodontal diseases
- ✂ The role of morph functional occlusalfactors in periodontal diseases
- ✂ Nutritional influences on the periodontium
- ✂ Endocrinology influences on the periodontium
- ✂ Hematologic and other influences on the periodontium

### **Classification of periodontal diseases**

- ✂ Correlation of the normal clinical and microscopic features of the gingiva (color, size, contour, shape, consistency, surface texture and position)
- ✂ Changes in the normal clinical and microscopic features of the gingiva (color, size, contour, shape, consistency, surface texture and position)
- ✂ Signs and symptoms of gingival diseases
- ✂ Plaque induced gingivitis
- ✂ Non-plaque induced gingivitis
- ✂ Acute gingival infections (necrotizing ulcerative gingivitis, gingival abscess and primary herpetic gingivostomatitis)
- ✂ Menopausal and post menopausal gingivitis
- ✂ The gingival changes in relation to puberty, menstruation and pregnancy
- ✂ Desquamative gingivitis
- ✂ Pericoronitis
- ✂ Gingival enlargement
- ✂ Gingival recession
- ✂ Classification of periodontal diseases (chronic and aggressive periodontitis)
- ✂ Signs and symptoms of periodontal diseases.
- ✂ Periodontal pocket (classification, signs and symptoms)
- ✂ Furcation involvement
- ✂ Mobility of teeth and pathologic migration.
- ✂ Periodontal abscess
- ✂ Periodontal-endodontic interface
- ✂ Periodontal-restorative interface
- ✂ The pathologic relation between pad and tissue surrounding the tooth and the different compensation

### **Diagnosis of periodontal diseases**

- ✂ Diagnosis of periodontal diseases

- ✂ 10 clinical diagnosis,
- ✂ medical and dental history,
- ✂ laboratory and radiographic(investigations)

### **Treatment Of Periodontal Diseases**

- ✂ Treatment of simple and chronic gingivitis
- ✂ Treatment of postmenopausal and pubertal gingivitis
- ✂ Treatment of pericoronitis and primary herpetic gingivostomatitis
- ✂ Treatment of necrotizing ulcerative gingivitis
- ✂ Instrumentation
- ✂ The role of dental surgery assistance in periodontal clinic
- ✂ Procedures of scaling and root planning

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- ✂ Treatment of periodontal abscess
- ✂ Classification of periodontal splints
- ✂ Treatment of furcation involvement and bone graft
- ✂ treatment of gingival recession and gingival graft
- ✂ oronoplasty and occlusal adjustment
- ✂ treatment of bruxism

### **Prevention Of periodontal Diseases**

- ✂ Plaque control (toothbrushing methods, interdental cleansing aids and disclosing agents)
- ✂ Plaque control steps (motivation, education and instruction)
- ✂ Plaque control for physically and mentally handicap patients

### **Text Books & References:**

1. Newman, M.G., Takei, H.H., and Carranza, N.T. Carranza's Clinical eriodontology 10<sup>th</sup>ed. Philadelphia, PA: W.B. Saunders Company, 2006.
2. Lindhe, J., Karring, T. and Lang N.P. Clinical Periodontology and Implant Dentistry.4<sup>th</sup>ed. Blackwell Munksgaard, 2004 .
3. Nield-Gehrig, J.S. Fundamentals of Periodontal Instrumentation & Advanced Root Instrumentation.5th ed. Baltimore, MA: Lippincott Williams & Wilkins, 2004
4. Nield-Gehrig, J.S. and Willman, D.E. Foundations of Periodontics for the Dental Hygienist.Baltimore, MA: Lippincott Williams & Wilkins, 200
5. Weinberg, MA et al Comprehensive Periodontics for the Dental Hygienist.1<sup>st</sup> ed. Prentice Hall Inc. 2001.
6. Perry, D.A., Beemsterboer, P.L and Taggart, E.J. Periodontology for the Dental Hygienist.Philadelphia, PA: W.B. Saunders, 2001

<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809132</b>
<b>Course title</b>	العناية بالمريض داخل عيادة الأسنان
<b>Credit hours</b>	<b>3</b>
<b>Theoretical hours</b>	<b>2</b>
<b>Practical hours</b>	<b>3</b>

### **Course Description**

This course aims at introducing dental hygienist with the medical problems that they can face in the dental practice

### **Course Objectives Percentage**

1. Overview of the medical conditions 60%
2. Overview of the medical emergencies 20%
3. Basic management of the medical emergencies 10%
4. Basic knowledge of clinical examination

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### **Course Content**

- 1- Introduction to the course Circulated
- 2- Blood disorders Circulated
- 3- Vital signs Circulated
- 4- Pregnant patient Circulate
- 5- Endocrine diseases I Circulated
- 6- Endocrine diseases II Circulated
- 7- Cardiovascular diseases I Circulated
- 8- Cardiovascular diseases II Circulated
- 9- Bleeding disorders Circulated
- 10- Respiratory system diseases Circulated
- 11- Emergencies in dental office Circulated
- 12- Gastrointestinal diseases Circulated
- 13- Miscellaneous diseases related to

### **Textbook**

- 1- Dentist's Guide To Medical Conditions And Complications Kanchan M. Ganda 2013
- 2- Medical problems in dentistry

<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809261</b>
<b>Course title</b>	<b>Orthodontics And Pediatric Dentistry</b>
<b>Credit hours</b>	<b>2</b>
<b>Theoretical hours</b>	<b>1</b>
<b>Practical hours</b>	<b>3</b>

### **Brief Course Description:**

- ❖ This course introduces the students to the understanding of the principles governing the dental treatment of children and orthodontics. Focus is put on topics such as dental archspace management, minor tooth movement, dental trauma, congenital deformity and treatment of oral habits and dental care for handicapped children

### **Course Objectives:**

Upon the completion of the course, the student will be able to:

1. Develop the understanding of the principles governing the dental treatment of children
2. Deal with the basic knowledge about the various types of orthodontics
3. Deal with the basic knowledge about the occlusion of primary, mixed and permanent dentition
4. Deal with the basic knowledge about the management of trauma and congenital Deformity

### **Detailed Course Description:**

#### **Introduction Pediatric Dentistry**

- ☹ Handling the children in the surgery
- ☹ Bad habits & their effects
- ☹ Avoiding Bad habits
- ☹ Dental and oral education for children and their parents

#### **2. Deciduous teeth**

- ☹ Naming, time of eruption
- ☹ Importance and Function
- ☹ Dental and oral anomalies

#### **3. Occlusion**

- ☹ Occlusion of primary, mixed & permanent teeth
- ☹ Malocclusion

- ✂ Teeth & surrounding environment
- ✂ Malocclusion & Factors affecting it
- ✂ Tissue response for orthodontic movement

#### **Dental trauma**

- ✂ Principles & aims of treatment
- ✂ Classification of trauma
- ✂ Treatment procedure

#### **Congenital deformity**

- ✂ Types of congenital deformity
- ✂ Methods of treatment

<b>Para medical program</b>
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#### **Orthodontics**

- ✂ Types of orthodontics
- ✂ Orthodontic appliances
- ✂ Preventive orthodontics
- ✂ Caring and prevention for orthodontic, patients

#### **Text Books & References:**

1. Graber, Thomas M., and Vanarsdall, Robert L., Jr., eds. Orthodontics: Current Principles and Techniques.4th ed. St. Louis: Elsevier Mosby, 2005.
2. Pinkham, J.R. (and others), eds. Pediatric Dentistry: Infancy through Adolescence.4th ed. Philadelphia: Elsevier Saunders, 2005.
3. McDonald, Ralph E., and Avery, David R., eds.Dentistry for the Child and Adolescent.8th ed. St. Louis: Mosby, 2004.
4. William R. Proffit with Henry W, Fields Contemporary Orthodontics - 3rd ed., 1999,  
Proffit, William R. (and others),.2d ed. St. Louis: Mosby-Year Book, 1993.

<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809152</b>
<b>Course title</b>	<b>Oral Surgery and anesthesia</b>
<b>Credit hours</b>	<b>2</b>
<b>Theoretical hours</b>	<b>1</b>
<b>Practical hours</b>	<b>3</b>

### **Brief Course Description:**

- ❖ This course is designed to provide the student with knowledge of description of anatomical land marks of head & neck. It provides the students with the Knowledge of primary and permanent teeth. Innervations of the face & oral cavity . Focus is put on the understanding of the principles of surgery and respect for the microbiologic implications inherent in this art and science

### **Course Objectives:**

Upon the completion of the course, the student will be able to:

1. The fundamentals of exodontias, anesthesia and management of it's less serious complications.
2. The different diseases that affect oral cavity and jaws and the management.
3. The clinical and psychological factors in patient evaluation
4. The orientation in the fundamentals of diagnosis and treatment of maxillofacial fractures, and the disorders of the temporomandibular joint, neurological pain syndromes and dentofacial deformities.
5. how to suture wounds as well as the different materials used in suturing.

### **Detailed Course Description:**

#### **1- Important anatomical land marks**

- ⊗ Description of anatomical land marks of head & neck
- ⊗ Knowledge of primary and permanent teeth
- ⊗ Innervations of the face & oral cavity

#### **2. anaesthesia**

- ⊗ Pain
- ⊗ Anaesthetic agents
- ⊗ Instruments
- ⊗ Methods of giving anaesthesia



- ✂ Indication & precaution of using anaesthesia
- ✂ Common complications of using anaesthesia

### 3. Minor oral surgery

- ✂ Diagnosis
- ✂ Surgical procedures (pre, during, post procedures)
- ✂ Surgical instruments
- ✂ Extractions
  - preparation for extraction
  - instruments
  - anaesthesia & drugs
  - preparation of the patient
  - Indications of extraction.
  - Contra-indications of extraction.
  - instructions for dentist & patient
  - complications of extraction

### 4. Fractures of jaws

- ✂ definition, types of fractures
- ✂ causes of fractures
- ✂ signs & symptoms of fractures
- ✂ treatments of fractures
- ✂ dislocation of the jaw (signs & treatment differentiation)

### 5. Suturing

- ✂ Indications of suturing
- ✂ instruments

### 6. Impacted teeth

- ✂ definition, causes, classification & complications of impacted teeth

### 7- Surgical treatment of facial, jaws, dental malformation

- ✂ mandibular protrusion
- ✂ mandibular retrusion
- ✂ cleft lips & palate

### 8- Emergency procedures and complications associated with oral surgery

- ✂ faint
- ✂ shock
- ✂ artificial aspiration
- ✂ cardiac arrest
- ✂ ecchymosis
- ✂ hematoma
- ✂ emphysema
- ✂ broken dental needles
- ✂ involvement of maxillary sinus
- ✂ bleeding
- ✂ osteomyelitis

### 9. Systemic diseases

- ✂ Blood pressure (hypertension).
- ✂ Diabetes mellitus.
- ✂ Blood diseases
- ✂ Cardiovascular diseases
- ✂ Hepatitis
- ✂ Epilepsy

- ✂ Thyroid disorder
- ✂ Renal diseases
- ✂ Asthma
- ✂ Pregnancy, menopause

#### **10. Cysts&tumours**

- ✂ Aetiology
- ✂ Signs and symptoms
- ✂ Diagnosis
- ✂ Treatment

#### **11- Important anatomical land marks**

- ✂ Description of anatomical land marks of head & neck
- ✂ Knowledge of primary and permanent teeth
- ✂ Innervations of the face & oral cavity

#### **Text Books & References:**

1. Ward Booth, P., Schendel, S. and Hausamen J-E. Maxillofacial Surgery, 2nd ed. Churchill Livingstone, 2006.
2. Peterson, Larry J. (and others), eds. Contemporary Oral and Maxillofacial Surgery. 4th ed. St. Louis: Mosby, 2003.
3. Larry J. Peterson, Myron R. Tucker, Edward 3rd Ellis, Contemporary Oral and Maxillofacial Surgery. Journal Citations 2002
4. Atlas of Minor Oral Surgery ( 2001) Journal Citations by Authors, Orrett E. Ogle, Harry Dym, David A McGowan, MARTIN DUNITZ
5. An Atlas of, Minor Oral Surgery, Principles and Practice, Second Edition, David A McGowan, MARTIN DUNITZ, 1999

<b>Para medical program</b>	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809171</b>
<b>Course title</b>	<b>Dental Materials</b>
<b>Credit hours</b>	<b>3</b>
<b>Theoretical hours</b>	<b>2</b>
<b>Practical hours</b>	<b>3</b>

### **Brief Course Description:**

∞ This course is designed to provide the students with an applied and working understanding of the fundamental nature and behavior of dental materials, equipments and instruments. The course includes the composition, properties, application, and manipulation of metal ceramic and polymeric dental materials.

### **Course Objectives:**

Upon the completion of the course, the student will be able to:

1. That the success or failure of many forms of dental treatment depends upon the correct selection of materials possessing adequate properties, as well as careful manipulation of these materials.
2. The capabilities and limitations of dental materials.
3. That knowledge is important for all clinical courses and dental treatment that require the use of dental materials.
4. How to use and maintain different equipments and instruments used in the clinic

### **Detailed Course Description:**

#### **1. Dental Equipments**

- ∞ The Chairs which used for dental clinics and it's types
- ∞ Keeping and maintenance of chairs
- ∞ Ultrasonic equipments

#### **2. Dental instruments**

- ∞ Manual tools and their kinds, features, and their use
- ∞ Instruments which work by electricity and air

#### **Dental materials which used in dentistry**

- ∞ Mechanical and chemical features
- ∞ Plastery materials
- ∞ Impression materials
- ∞ Dental waxes
- ∞ Amalgam

- ✂ Coloured fillings
- ✂ Cement and fillings pads
- ✂ Mineral which used in dentistry
- ✂ Porcelain
- ✂ Materials of preventive dentistry
- ✂ Materials of orthodontics
- ✂ Materials of oral surgery
- ✂ Materials of Gum diseases
- ✂ Materials of pulp treatment
- ✂ Materials and tools of scaling and polishing

**Text Books & References:**

1. Craig, Robert G. (and others). Dental Materials: Properties and Manipulation. 8th ed. St. Louis: Mosby, 2004.
2. Gladwin, M. & Bagby, M., Clinical Aspects of Dental Materials: Theory, Practice, and Cases. 2nd ed. Philadelphia, PA: Lippincott, Williams & Wilkins, 2004
3. Anusavice, Kenneth J., ed. Phillips' Science of Dental Materials. 11th ed. Philadelphia: W. B. Saunders, 2003.
4. Craig, Robert G., and Powers, John M., eds. Restorative Dental Materials. 11th ed. St. Louis: Mosby, 2000
5. McCabe, John F. and Walls AWG. Anderson's Applied Dental Materials. 8<sup>th</sup> Blackwell Scientific publications, 1998. Combe, E.C.
6. Notes on Dental Materials (Dental Series). 6th rev. ed. Churchill Livingstone, 1992

<b>Para medical program</b>	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809271</b>
<b>Course title</b>	<b>Prosthodontics</b>
<b>Credit hours</b>	<b>3</b>
<b>Theoretical hours</b>	<b>2</b>
<b>Practical hours</b>	<b>3</b>

**Brief Course Description:**

∞ This course is designed to provide the student with theoretical and practical skills in the fabrication of removable partial dentures, complete dentures, Crown & Bridge and obturators.

**Course Objectives:**

Upon the completion of the course, the student will be able to:

1. To teach students the fundamental skills of fabricating removable partial dentures, complete dentures, Crown & Bridge and obturators for the edentulous patient.
2. To know wearers complain after wearing different types of dentures.
3. To give idea about overdentures and immediate dentures

**Detailed Course Description:**

**1. Complete Denture**

- ∞ Definition, Aims, Indications of 3 Complete Dentures
- ∞ Anatomical land marks
- ∞ Working procedures of complete denture
- ∞ Instruction for complete denture wearers
- ∞ Wearers complain after wearing complete denture
- ∞ Overdenture, Immediate denture relining, rebasing

**2- Removable Partial Denture**

- ∞ Definition & Types of Removable. 3 Part Denture
- ∞ Kennedy Classification of RPD
- ∞ Aims, Indication of RPD
- ∞ Working procedures of RPD
- ∞ Instruction for RPD wearers

**3. Crown & Bridge**

- ∞ Type of C. & B 3

- ∞ Parts of B
- ∞ Working Procedure of C. & B
- ∞ Indications for C. & B

**3. Obturators**

- ∞ Types of Malformation of Lips palate, (congenital & surgical)
- ∞ Definition, Indications & Types of Obturators

**Text Books & References:**

**Textbook:**

1. Zarb, George A. (and others) rosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Protheses. 12th ed. St. Louis, MO: Mosby, 2004.
2. Carr, A.B., McGivney, G.P. and Brown, D.T. McCracken's Removable Partial Prosthodontics. 11th ed. Mosby, 2004.
3. Robert S Klugman, DDS
4. PROSTHODONTICS IN, CLINICAL, PRACTICE 2002.
5. MRD, A. D. V V a I m s ley BDS MSC PhD FDSRCPS
6. Fixed and, Removable, Prosthodontics, C. VV. Barclay 3DSFDSRCPS M D, 2001.
7. Shillingburg, Herbert T. (and others). Fundamentals of Fixed Prosthodontics. 3<sup>rd</sup> ed. Chicago: Quintessence, 1997

<b>Para medical program</b>	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809252</b>
<b>Course title</b>	<b>Dental Radiology</b>
<b>Credit hours</b>	<b>3</b>
<b>Theoretical hours</b>	<b>2</b>
<b>Practical hours</b>	<b>3</b>

### **Brief Course Description:**

∞ This course introduces students to the interpretation of normal anatomy, caries, periodontal disease and periapical disease. It is an introduction in dental radiology .It deals with didactic instruction in radiation physics, radiation biology, radiation hygiene, and the techniques of radiography and processing.

### **Course Objectives:**

Upon the completion of the course, the student will be able to:

1. Provided with an introduction to the radiological interpretation of normal anatomy, caries, periodontal disease and periapical disease.
2. Able to receives supervision in taking and processing intra- and extra oral radiographs on mannequins, as well as patients.
3. Provided with specific requirements on occlusal, panorex, and complete series of X-rays

### **Detailed Course Description:**

#### **1- Introduction to Dental Radiology**

- ∞ characteristics of x-ray 1 Week
- ∞ Nature of x-ray
- ∞ equipments of x-ray
- ∞ x-ray hazards and ways of protection 1 Week
- ∞ x-ray effect on cells and protection

#### **2.x-ray films and exposure factors**

- ∞ film types 1 Week
- ∞ installation of films
- ∞ factors affect the quality of the radiograph
- ∞ film processing and development 1 Week
- ∞ dark room and appearance
- ∞ washing and radiograph preservation
- ∞ radiograph improvements

#### **4. Intraoral radiography**

- ∞ bisecting angle technique 1 Week
- ∞ long cone technique
- ∞ head positioning
- ∞ angles and x-ray beam direction
- ∞ occlusal radiography
- ∞ parallax technique
- ∞ short cone technique

#### **5- Extra oral Radiography**

- ∞ lateral jaw radiography 1 Week
- ∞ AP and PA radiography
- ∞ occipitomenal view
- ∞ panoramic radiograph

#### **Uses of dental x ray**

- ∞ Dental abnormalities 1 Week

- ⊗ tooth malpositioning
- ⊗ dental caries and jaw pathology
- ⊗ jaw fractures and foreign bodies
- ⊗ dental and developmental cysts
- ⊗ benign and malignant tumors

### **8. Radiographic Practical material**

- ⊗ how to use x-ray unit
- ⊗ how to process the film
- ⊗ how to handle the film
- ⊗ how to apply safety measures
- ⊗ how to take intra oral radiographs
- ⊗ how to take OPG and other extra oral films.
- ⊗ parallax
- ⊗ long cone technique
- ⊗ short cone technique
- ⊗ radiographic artifacts
- ⊗ how to deal with material used for processing
- ⊗ equipment maintenance
- ⊗ film preservation

### **Text Books & References:**

#### **References:**

1. Essentials of Dental Radiography and Radiology (2002) Journal Citations by Authors. [Eric Whaites](#)
2. Essentials of Dental Radiography and Radiology (2002) Journal Citations by Authors. [Eric Whaites](#)
3. Dental Radiography: Principles and Techniques (2000) Journal Citations by Authors, [Joen I. Haring](#), [Laura Jansen](#)
4. Oral radiology : principles and interpretation / [edited by] Stuart C. White, Michael J. Pharoah. – 4<sup>th</sup> ed. 1999
5. Wood, Norman K. (Norman Kenyon), Review of diagnosis, oral medicine, radiology, and treatment, planning / Norman K. Wood. -4<sup>th</sup> ed. 1999
6. Kreel, Louis O'Clark's Positioning in Radiography, vol. two (1997).
7. Ballinger, Philip, Merrill's Atlas of Radiographic Positions and Radiologic Procedures, vol. two (1991)

<b>Para medical program</b>	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809122</b>
<b>Course title</b>	<b>Dental Health Education</b>
<b>Credit hours</b>	<b>2</b>
<b>Theoretical hours</b>	<b>1</b>
<b>Practical hours</b>	<b>3</b>



**Brief Course Description:**

✂ This course focuses on the role of the practicing hygienist in the dental health education and ecology of Jordan, exploring social issues, consumerism, legislation, alternative systems of health care and other issues. The students are afforded the opportunity for a wide variety of extramural experiences, both observation and participation. The students learn the principles of basic public health mechanisms of epidemiology, disease measurement, including dental indices, and public health program planning

**Course Objectives:**

Upon the completion of the course, the student will be able to:

1. the behaviours and psychological effects and how it affect the behaviour of the subjects and groups.
2. The social adaptation and reactions of social constitutions and legislations in the society.
3. The dental health education programs to increase the level of oral health.
4. The role of dental health education campaign in achieving this aim.
5. The role of dental health education programs to prevent dental caries and relation of that to the bad behaviours.
6. The realistic objectives for applying dental health education programs and how to change behaviours toward caries prevention.

**Detailed Course Description:**

4. ✂ definitions, development and understanding
5. ✂ studying the aims and objectives of the dental health education programs on the following levels:
  - national level in which the health educational campaign provide the essential information about health and disease
  - limited programs directed to students, workers and companies employees directed programs to sections of society that already having disease to stop it and treat them.
6. ✂ study the behaviours and psychological effects and how it affect the behaviour of the subjects and groups
7. ✂ studying social adaptation and reactions of social constitutions and legislations in the society
8. ✂ Acknowledge the dental health education programs to increase the level of oral health
9. ✂ Acknowledge the role of dental health education campaign in achieving this aim

10. ∞ studying the role of dental health education programs to prevent dental caries and relation of that to the bad behaviours
11. ∞ Acknowledge the realistic objectives for applying dental health education programs and how to change behaviour toward caries prevention

**Text Books & References:**

**Textbook:**

1. Lorraine Gagliardi - Dental Health Education: Lesson Planning and Implementation,  
Release Date: December 12, 2006.
2. Vickie Kimbrough and Karen Henderson - Oral Health Education  
Release Date: March 25, 2005.
3. H. & Hobdell, M. H. Allred and M. H. Hobdell - Planning and Development of Educational Programmes for Personnel in Oral Health Release Date: April 01, 1986

<b>Para medical program</b>	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809291</b>
<b>Course title</b>	<b>Field Training</b>
<b>Credit hours</b>	<b>3</b>
<b>Theoretical hours</b>	<b>0</b>
<b>Practical hours</b>	<b>0</b>

**Brief Course Description:**

∞ This course focuses on the role of the practicing hygienist in the dental health education and alternative systems of health care and other issues. The students are afforded the opportunity for a wide variety of extramural experiences, both observation and participation. The students learn the principles of basic public health mechanisms of epidemiology, disease measurement, including dental indices, and public health program planning.

**Course Objectives:**

Upon the completion of the course, the student will be able to:

1. To manage dental health educational programs to increase the level of oral health.
2. To apply dental health survey on different human groups.
3. To understand the role of dental health education campaign in achieving this aim.
4. To recognise the role of dental health education programs to prevent dental caries and relation of that to the bad behaviours.
5. To apply fluoride, fissure sealant in the dental practice.

**Detailed Course Description:**

- ✂ Schools
- ✂ Factories
- ✂ Companies
- ✂ societies

**Dental health survey for human groups**

**1.**

- ✂ Visiting schools and oral examination
- ✂ Provide dental health education studying

**2. Dental Health Education**

- ✂ Provide dental health education for handicap and mentally retard patients.
- ✂ discover dental health problems in old patients

**3. Special centres visiting**

- ✂ dental clinics
- ✂ hospitals
- ✂ health centres

**Application of acquired skills for preservation oral hard and soft tissues in use of preventive**

**4.**

- ✂ fissure sealant
- ✂ toothpastes
- ✂ fluorides

**Dental materials to protect teeth from diseases**

**5.**

**Text Books & References:**

**Textbook:**

1. Harris, N.O. and Garcia-Godoy, F Primary Preventive Dentistry 6th ed. Stamford, CT: Appleton & Lange, 2004.
2. Gagliardi, L Dental Health Education: Lesson Planning & Implementation Stamford, CT: Appleton & Lange, 1999.

3. Health Education Council Adiscussion Paper on Proposals for Nutrition Guidelines for Health Education. London. Health Education Council. 1983

<b>Para medical program</b>	
<b>Specialization</b>	<b>Oral Hygiene</b>
<b>Course number</b>	<b>020809132</b>
<b>Course title</b>	العناية بالمريض داخل عيادة الأسنان
<b>Credit hours</b>	<b>3</b>
<b>Theoretical hours</b>	<b>2</b>
<b>Practical hours</b>	<b>3</b>

**Course Description**

This course aims at introducing dental hygienist with the medical problems that they can face in the dental practice

**Course Objectives Percentage**

1. Overview of the medical conditions 60%
2. Overview of the medical emergencies 20%
3. Basic management of the medical emergencies 10%
4. Basic knowledge of clinical examination

**Course Content**

- 14- Introduction to the course Circulated
- 15- Blood disorders Circulated
- 16- Vital signs Circulated
- 17- Pregnant patient Circulate
- 18- Endocrine diseases I Circulated
- 19- Endocrine diseases II Circulated
- 20- Cardiovascular diseases I Circulated
- 21- Cardiovascular diseases II Circulated
- 22- Bleeding disorders Circulated
- 23- Respiratory system diseases Circulated
- 24- Emergencies in dental office Circulated

25- Gastrointestinal diseases Circulated

26- Miscellaneous diseases related to

**Textbook**

3- Dentist's Guide To Medical Conditions And Complications Kanchan M. Ganda 2013

4- Medical problems in dentistry