



Course Specifications

Muharram 1437 H

Institution:	College of Dentistry, Zulfi
Academic Department :	Preventive Dental Sciences
Programme :	third year
Course :	Pre-Clinical Pediatric Dentistry
Course Coordinator :	Jihad Mohammed Jomhawi
Programme Coordinator :	.....
Course Specification Approved Date :	.... / ... / ..... H



A. Course Identification and General Information

1 - Course title :	Pre-Clinical Pediatric Dentistry	Course Code:	322 PDS
2. Credit hours :	(2 hours)		
3 - Program(s) in which the course is offered:	dentistry		
4 – Course Language :	english		
5 - Name of faculty member responsible for the course:	.....	
6 - Level/year at which this course is offered :	DR.JIHAD JOMHAWI		
7 - Pre-requisites for this course (if any) :	213 RDS		
8 - Co-requisites for this course (if any):	NONE		
9 - Location if not on main campus :	(collage of dentistry in zulfi)		
10 - Mode of Instruction (mark all that apply)			
A - Traditional classroom	<input type="checkbox"/>	What percentage?	100 %
B - Blended (traditional and online)	<input type="checkbox"/>	What percentage? %
D - e-learning	<input type="checkbox"/>	What percentage? %
E - Correspondence	<input type="checkbox"/>	What percentage? %
F - Other	<input type="checkbox"/>	What percentage? %
Comments :	.....	

B Objectives

What is the main purpose for this course? The aim of the Pediatric Dentistry course is to introduce students to basic principles of pediatric care and techniques.

Briefly describe any plans for developing and improving the course that are being implemented :

Increased use of audiovisual aids like models, video, power point presentation and pictures.

Use book site and student resources: useful video, websites, post test questions, quick answer questions.

Use the vantom head lab and start techniques on plastic and natural teeth



C. Course Description

1. Topics to be Covered

List of Topics	No. of Weeks	Contact Hours
Introduction and orientation.	1	1
Notation system & dental charting and Eruption & Development of Primary Dentition	2	2
Restorative Dentistry and the Use of Rubber Dam	1	1
Prevention of Dental Diseases.	1	1
Pulp Therapy for the Primary Dentition.	1	1
Midterm exam	1	1
Holydays	0	0
Pulp therapy for young permanent teeth	1	1
Dental Material in Pediatric Dentistry.	1	1
Local Anesthesia in children	1	1
Extraction in pediatric dentistry Management of space maintenance problem in children)	2	2
Childhood social and psychological development and behavior management techniques	2	2

2. Course components (total contact hours and credits per semester):

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	15	.....	15	.....	7	37
Credit	15	.....	15	.....	.....	37

3. Additional private study/learning hours expected for students per week.

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4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
1.0	Knowledge		
1.1	Perform child Assessment (Personal data, dental medical history taking, type of behavior, systematic examination of soft and hard tissue, radiographic interpretation)	Text books, discussions, handouts, audiovisual presentations.	Written Exams, oral exams, quizzes
1.2	Knowledge of Patient motivation, plaque control, topical fluoride application methods.	Text books, discussions, handouts, audiovisual presentations.	Written Exams, oral exams, quizzes
1.3	Predict possible crowding problems and to utilize the space maintainers as a preventive measures against malocclusion.	Text books, discussions, handouts, audiovisual presentations.	Written Exams, oral exams, quizzes
1.4	Able to recognize general health problems in children and should be able to write a professional letter of referral.	Text books, discussions, handouts, audiovisual presentations.	Written Exams, oral exams, quizzes
1.5	Know the techniques of behavior modification of children in dental clinic.	Text books, discussions,	Written Exams, oral



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
		handouts, audiovisual presentations.	exams, quizzes
1.6	Should have knowledge to instill a positive dental attitude through properly managing child's behavior.	Text books, discussions, handouts, audiovisual presentations.	Written Exams, oral exams, quizzes
2.0 Cognitive Skills			
2.1	Should be able to perform patient examination.	Demonstrations, discussions, handouts, audiovisual presentations.	Clinical Exams, oral exams
2.2	To develop necessary skills for operative dentistry and pulp therapy for children and adolescents.	Demonstrations, discussions, handouts, audiovisual presentations.	Clinical Exams, oral exams
2.3	To develop necessary skills for extraction of primary teeth.	Demonstrations, discussions, handouts, audiovisual presentations.	Clinical Exams, oral exams



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
2.4	Able to recognize general health problems in children and should be able to write a professional letter of referral.	Demonstrations, discussions, handouts, audiovisual presentations.	Clinical Exams, oral exams
2.5	Able to communicate successfully with parents in the pediatric dentistry setting.	Demonstrations, discussions, handouts, audiovisual presentations.	Clinical Exams, oral exams
2.6	Able to demonstrate the techniques of behavior modification of children in dental clinic and instill a positive dental attitude through properly managing child's behavior	Demonstrations, discussions, handouts, audiovisual presentations.	Clinical Exams, oral exams
3.0	Interpersonal Skills & Responsibility		
3.1	A cooperative and open atmosphere expected during all class meetings.	Group assignment task. The students will engage in working groups.	Assessments of assignments and projects that have elements of interpersonal skills.
3.2	Students are encouraged to work together.	Group assignment task. The students will engage in working groups.	Assessments of assignments and projects that have elements of interpersonal skills.





	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
3.3	Students are encouraged to study together.	Group assignment task. The students will engage in working groups.	Assessments of assignments and projects that have elements of interpersonal skills.
3.4	The students will have the ability to work constructively in a group.	Group assignment task. The students will engage in working groups.	Assessments of assignments and projects that have elements of interpersonal skills.
3.5	Students should be responsible for their own learning that requires using means to find new information data, or techniques.	Group assignment task. The students will engage in working groups.	Assessments of assignments and projects that have elements of interpersonal skills.
3.6	A cooperative and open atmosphere expected during clinical sessions.	Group assignment task. The students will engage in working groups.	Assessments of assignments and projects that have elements of interpersonal skills.
4.0	Communication, Information Technology, Numerical		
4.1	Students will have the ability to communicate in English orally.	Introduce courses in English. Courses in computer application and programming.	Assessment of communication skills the English courses and term papers.
4.2	Students will have the ability to communicate in English in writing.	Introduce courses in	Assessment of communication



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
		English. Courses in computer application and programming.	skills the English courses and term papers.
4.3	Student will have sufficient knowledge in information technology.	Introduce courses in English. Courses in computer application and programming.	Assessment of communication skills the English courses and term papers.
4.4	Student will have sufficient knowledge to gather, interpret the data.	Introduce courses in English. Courses in computer application and programming.	Assessment of communication skills the English courses and term papers.
4.5	Student will have sufficient knowledge to communicate information and ideas.	Introduce courses in English. Courses in computer application and programming.	Assessment of communication skills the English courses and term papers.
4.6	Student will have sufficient knowledge to perform statistical calculations.	Introduce courses in English. Courses in computer application and programming.	Assessment of communication skills the English courses and term papers.
5.0	Psychomotor		
5.1	Psychomotor learning demonstrated by physical skills.	Demonstration and supervision.	Clinical exams
5.2	Perform operative procedures to manage decayed tooth.	Demonstration and supervision.	Clinical exams





	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
5.3	Perform endodontic procedures.	Demonstration and supervision.	Clinical exams
5.4	Perform extraction of teeth.	Demonstration and supervision.	Clinical exams
5.5	Perform space analysis and space maintenance.	Demonstration and supervision.	Clinical exams
5.6	Perform periodontics procedures.	Demonstration and supervision.	Clinical exams

5. Schedule of Assessment Tasks for Students During the Semester:

	Assessment task	Week Due	Proportion of Total Assessment
1	Weekly clinical assessment	Every week	20%
2	Seminar.	12 th week	2 %
3	Research.	10 th week	2 %
4	Quiz.	7 th week	1 %
5	Midterm exam (theory and practical)	9 th week	20 %
6	Oral exam	14 th week	10 %
7	General assessment	14 th week	5 %
8	Final written and clinical examination	14 th week	40 %





D. Student Academic Counseling and Support

Arrangements for availability of teaching staff for individual student consultations and academic advice. (include amount of time teaching staff are expected to be available each week)

E. Learning Resources

1. List Required Textbooks :

dentistry for child and adolescent
Handbook of Pediatric Dentistry

2. List Essential References Materials :

Journals and articles on pediatric dentistry

3. List Recommended Textbooks and Reference Material : Dentistry for the Child and Adolescent

Ralph E. McDonald, David R. Avery, Jeffrey A. Dean

• 4. List Electronic Materials :

- Software material on CD, Web sites
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5. Other learning material :

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F. Facilities Required

1. Accommodation

Class rooms with black and white boards.

- L.C.D. projectors.

2. Computing resources

Laptop, desk top

3. Other resources:





G Course Evaluation and Improvement Processes

1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching:

Questionnaires and student group interviews.

Ask the students questions directly.

Getting Feedback Online.

2 Other Strategies for Evaluation of Teaching by the Program/Department Instructor :

Asses the teacher's abilities and potentials by using evolutionary tools which fulfil the reliable, unambiguous, measurable, achievable criteria's

3 Processes for Improvement of Teaching :

Updating the recent trends in educational process, involving in research.

By attending continuing education programs, conferences etc.

4. Processes for Verifying Standards of Student Achievement

By using skills of assessment and tools of valuation

5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement :

Prepare work sheet for review; refresh the previous knowledge and panel discussions

Course Specification Approved

Department Official Meeting No (.....) Date ... / ... / H

Course's Coordinator

Name : Dr jihad jomhawi

Signature :

Date : ...13.3.1437..... H

Department Head

Name : Dr mohammed helmi

Signature :

Date : .../ ... / H

