



Course Specifications

Institution:	College of Dentistry, Zulfi
Academic Department :	Preventive Dental Sciences
Programme :	Fifth year
Course :	Clinical Pediatric Dentistry II
Course Coordinator :	Jihad mohammed jomhawi
Programme Coordinator :	Dr / Abdel Rahman Al-atram
Course Specification Approved Date :	.... / ... / ..... H



A. Course Identification and General Information

1 - Course title :	Clinical Pediatric Dentistry II	Course Code:	523 PDS
2. Credit hours :	(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) :	423 PDS		
8 - Co-requisites for this course (if any) :	•		
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 practical skills
Use book site and student resources: demonstrations, websites, post test questions, quick answer questions.



C. Course Description

1. Topics to be covered

List of Topics	No. of Weeks	Contact Hours
Introduction to clinical pediatric dentistry & Behaviour management techniques	1	3
Prevention of early childhood caries. Prevention: Fluorides, Fissure Sealants and PRR in pediatric dentistry	2	6
Oral habits	1	3
Holiday	2	0
morphology of Primary Dentition, Restorative Dentistry and the Use of Rubber Dam in children	2	6
Pulp Therapy for Primary & young permanent Dentition.	1	3
Midterm exam	1	-----
Antimicrobial agents & Local Anesthesia in children	1	3
Extraction in pediatric dentistry, Space Maintenance and space problems in Primary and mixed Dentition.	1	3
Anomalies of Developing Dentition.	1	3
Congenital Genetic Disorders and Syndromes.	1	3
Minor Oral Surgery in Children & common pathological conditions	1	3
Midterm exam	1	-----
Holidays	1	-----
Dental trauma	5	25
Intracoronal and Extra coronal restorations.	2	6
Midterm exam	1	-----
Holidays	1	-----





Dental Management of Children with Systemic Diseases.	1	3
Dental Management of Disabled Children	1	3
Gingivitis and Periodontal Disease in Children	1	3
Oral Manifestations of Infectious Disease in Children	1	3
Antimicrobials in Pediatric Dentistry.	1	3
Medical Emergencies in Children. &Hospital Dentistry.	2	6

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

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	28	Not applicable	.....	28	10	66
Credit	28	.....	28	.....	.....	56

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 : Description of the knowledge to be acquired		
1.1	Perform child Assessment (Personal data, dental	Text books,	Written Exams, oral



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
	medical history taking, type of behavior, systematic examination of soft and hard tissue, radiographic interpretation)	discussions, audio visual presentations.	exams, quizzes
1.2	Knowledge of Patient motivation, plaque control, topical fluoride application methods.	Text books, discussions, , audio visual presentations.	oral exams, quizzes
1.3	Predict possible crowding problems and to utilize the space maintainers as a preventive measures against malocclusion.	Text books, discussions, , audio visual presentations.	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, , audio visual presentations.	oral exams, quizzes
1.5	Know the techniques of behavior modification of children in dental clinic.	Text books, discussions, handouts, audio visual presentations.	oral exams, quizzes
1.6	Should have knowledge to instill a positive dental attitude through properly managing child's behavior.	Text books, discussions, audio visual presentations.	oral exams, quizzes
2.0	Cognitive Skills		



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
2.1	Should be able to perform patient examination.	Demonstrations, discussions, audio visual presentations.	Clinical Exams, oral exams
2.2	To develop necessary skills for operative dentistry and pulp therapy for children and adolescents.	Demonstrations, discussions, audio visual presentations.	Clinical Exams, oral exams
2.3	To develop necessary skills for extraction of primary teeth.	Demonstrations, discussions, audio visual presentations.	Clinical Exams, oral exams
2.4	Able to recognize general health problems in children and should be able to write a professional letter of referral.	Demonstrations, discussions, audio visual presentations.	Clinical Exams, oral exams
2.5	Able to successfully communicate with parents in the pediatric dentistry setting.	Demonstrations, discussions, handouts, audio visual 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, audio visual presentations.	Clinical Exams, oral exams



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
3.0	Interpersonal Skills & Responsibility		
3.1	A cooperative and open atmosphere is 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.
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 is expected	Group	Assessments of



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
	during clinical sessions.	assignment task. The students will engage in working groups.	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 English. Courses in computer application and programming.	Assessment of communication 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.	Assessment of communication skills the



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
		Courses in computer application and programming.	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 is demonstrated by physical skills.	Demonstration and supervision.	Clinical exams
5.2	Perform operative procedures to manage decayed tooth.	Demonstration and supervision.	Clinical exams
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	30%
2	Seminar.	12 week	2 %
3	Research.	10 week	2 %



4	Quiz.	7 week	1 %
6	Midterm exam (practical)	9 th week	20 %
	General assessment	14 th week	5 %
7	Oral exam	14 th week	15 %
8	Final written and clinical examination	14 th week	25 %





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 the Child and Adolescent
Handbook of Pediatric Dentistry

2. List Essential References Materials :

Journals 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

Pediatric dentistry: infancy through adolescence

Pinkham

4. List Electronic Materials :

Electronic material on CD, Web sites.

5. Other learning material :

Demonstration.

F. Facilities Required

1. Accommodation

Class rooms with black and white boards.

L.C.D. projectors.

2. Computing resources

Laptop

3. Other resources





Dental clinic including dental unit and supplied materials and instruments

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 evaluation tools and skill assessment.

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 : 16./ ...3 / ...1437... H

Department Head

Name : Dr mohmed helmi

Signature :

Date : .../ ... / H

