



Course Specifications

Institution:	College of Dentistry, Zulfi
Academic Department :	Preventive Dental Sciences
Programme :	Fourth year
Course :	Clinical Pediatric Dentistry
Course Coordinator :	Zuber Ahamed Naqvi
Programme Coordinator :	
Course Specification Approved Date :	.... / ... / ..... H



A. Course Identification and General Information

1 - Course title :	Clinical Pediatric Dentistry	Course Code:	423 PDS
2. Credit hours :	(per week 4)		
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. Zuber Ahamed Naqvi		
7 - Pre-requisites for this course (if any) :	322 PDS		
8 - Co-requisites for this course (if any) :	•		
9 - Location if not on main campus :	(.....)		
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 teachings.
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.



C. Course Description

1. Topics to be Covered

List of Topics	No. of Weeks	Contact Hours
Introduction to clinical pediatric dentistry	1	1
Space maintenance in primary and mixed dentition	1	1
Antimicrobial agents.	1	1
Dental trauma	1	1
Holidays	2	-----
Minor oral surgery	1	1
Oral manifestation of infectious disease in children	1	1
Midterm exam	1	-----
Dental management of children with systemic diseases	1	1
Medical emergencies in children	1	1
Behavior management	1	1
Pharmacological behavioral management -I	1	1
Pharmacological behavioral management –II	1	1

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

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	14	Not applicable	42	.....	10	70
Credit	14	.....	14	.....	.....	28



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 medical history taking, type of behavior, systematic examination of soft and hard tissue, radiographic interpretation)	Text books, discussions, handouts, audio visual presentations.	Written Exams, oral exams, quizzes
1.2	Knowledge of Patient motivation, plaque control, topical fluoride application methods.	Text books, discussions, handouts, audio visual 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, audio visual presentations.	Written Exams, oral exams, quizzes
1.4	Able to recognize general health problems in	Text books,	Written Exams, oral



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
	children and should be able to write a professional letter of referral.	discussions, handouts, audio visual presentations.	exams, quizzes
1.5	Know the techniques of behavior modification of children in dental clinic.	Text books, discussions, handouts, audio visual presentations.	Written Exams, oral exams, quizzes
1.6	Should have knowledge to instill a positive dental attitude through properly managing child's behavior.	Text books, discussions, handouts, audio visual presentations.	Written Exams, oral exams, quizzes
2.0	Cognitive Skills		
2.1	Should be able to perform patient examination.	Demonstrations, discussions, handouts, 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, handouts, audio visual presentations.	Clinical Exams, oral exams
2.3	To develop necessary skills for extraction of primary teeth.	Demonstrations,	Clinical Exams, oral



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
		discussions, handouts, audio visual presentations.	exams
2.4	Able to recognize general health problems in children and should be able to write a professional letter of referral.	Demonstrations, discussions, handouts, 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, handouts, audio visual presentations.	Clinical Exams, oral exams
3.0	Interpersonal Skills & Responsibility		
3.1	A co operative 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.	Assessments of assignments



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
		The students will engage in working groups.	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 co operative and open atmosphere is 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	Assessment of communication skills the English



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
		computer application and programming.	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. 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.



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
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 peridontic 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	1%
3	Research .	10 week	2%
4	Quizz	7 week	1%
5	Asignment	13 week	1%
6	Mid term exam (theory and practical)	9 th week	20%
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 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

4. List Electronic Materials :

Electronic material on CD, Web sites.

5. Other learning material :

F. Facilities Required

1. Accommodation

Class rooms with black and white boards.
L.C.D. projectors.

2. Computing resources

Laptop

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 programmes, 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 : Zuber
.Ahamed Naqvi

Signature :

Date : ...12./ ...10 /
...1435... H

Department Head

Name : D.Alaa Aldeen
Abed Allha

Signature :

Date : / ... / H

