



Course Specifications

Course Title:	Pediatrics I
Course Code:	592 PED- 5
Program:	Bachelor of Medicine and Bachelor of Surgery
Department:	N/A
College:	Medicine
Institution:	Najran University

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A. Course Identification

1. Credit hours:	5 (3+2)
2. Course type	
a.	University <input type="checkbox"/> College <input type="checkbox"/> Department <input type="checkbox"/> Others (program) <input checked="" type="checkbox"/>
b.	Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
3. Level/year at which this course is offered:	13 th level / 5 th year
4. Pre-requisites for this course (if any):	Medicine1 (482 MED-7)/ surgery1(483 SUR-7)
5. Co-requisites for this course (if any):	None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	5	3.5%
2	Blended	0	0
3	E-learning	31	21.9%
4	Distance learning	0	0
5	Other	106	74.7%

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lectures	36
2	Seminar	18
3	Skill lab	3
4	BST	81
5	Practical activity	6
	Total	144

B. Course Objectives and Learning Outcomes

1. Course Description

The course is designed to provide the students of **Year 5 - Semester-1 (level 13)** an effective education that offers a balance between the theoretical and practical experiences, which allows the students to develop the competencies necessary to enter a healthcare professionalism and to continue their professional development throughout their careers.

The course will help the students to deal with the common Pediatric problems. The emphasis will be on the introductory aspects of the Pediatric history taking and the appropriate physical examination relevant to each problem and providing the relevant theoretical knowledge. All of these aspects will be learned from the lectures, seminars, bedside teaching and the self-directed learning activities.

2. Course Main Objective

By the end of this course, the students are expected to:

- 1) Know the basic knowledge of normal and abnormal growth and development (physical, physiologic, psychosocial) and its clinical applications from birth until adolescence.
- 2) Provide basic health care for pediatric age groups (neonates, infants, children and adolescents).
- 3) Know the appropriate knowledge and skills needed for the management of the common and important pediatric emergencies and diseases.
- 4) Develop the appropriate professional attitude, communication and problem-solving skills needed when dealing with the pediatric age group and their families
- 5) Acquire Lifelong-learning competencies necessary for continuous professional development

C. Course Content

List of Topics	Contact Hours
Introduction to the course (L)	1
History and physical examination (BST)	3
Normal growth (BST)	3
Developmental milestones & Puberty (L, BST)	4
Infant feeding and breast feeding (L)	1
Failure to thrive & Obesity (L, SEM)	3
Nutritional disorders (BST)	3
Rickets (L)	1
Prematurity (L, BST)	4
Common nursery problems (SEM, BST)	5
Neonatal jaundice (L, BST)	4
Neonatal sepsis (L, BST)	4
Hematological disorders of newborn (L)	1
Birth asphyxia (L, BST)	4
Chromosomal abnormalities & Down syndrome (L, BST)	4
Congenital heart diseases (CHD) (2L, BST)	5
Rheumatic fever and RHD (SEM, BST)	5
Anemia (2L, BST)	5
Congenital infections (L)	1
CNS infections (L, BST)	4
Endemic (infectious) diseases (2L)	2
Immunization (L)	1
Respiratory tract infections & Respiratory failure (2L, 2 BST)	8
Allergic disorders (L)	1
Bronchial asthma (L, BST)	4
Status asthmatics (SEM)	2
Cerebral Palsy (L, BST)	4
Febrile convulsion & other seizure Disorders (2L, BST)	5
Status Epilepticus (SEM)	2
Hydrocephalus (BST)	3
Floppy Baby (SEM)	2
Essential Pediatric Procedures (Skill Lab)	3
Diabetes Mellitus & DKA (L, BST)	4
Gastroenteritis (L, BST)	4
Dehydration, Fluids & Electrolyte Management (L, practical activity)	3
Proteinuria & Nephrotic Syndrome (L, BST)	4
Hematuria & Acute nephritis (L, BST)	4
Kidney injury (acute and chronic) (L)	1
Acid Base Balance ,oxygen delivery devices (practical activity)	4
Urinary tract infection & Reflux (L, BST)	4
Shock (SEM)	2
Poisoning (SEM)	2
Accidents in childhood (SEM)	2
Common skin problems (2L, BST)	5
SMA & other Neuromuscular disorders (BST)	3
TOTAL	144

2. Assessment Tasks for Students

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc)

#	Assessment task*	Week Due
1	Continuous assessment: { BST Case discussion (5), assessment of seminars (3), Writing case report (2),}	Continuous
2	Mid-course MCQs exam	Beginning of 5 th week
3	Practical : OSPE	Beginning of 5 th week
3	End of the course MCQs exam	7 th week
4	Final Clinical examinations	7 th week

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

- Allocation of office hours by the department staff.
- Each student has been assigned to academic advisor.
- Students can contact their teachers through emails or mobile.

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	Richard E. Behrman, Nelson Textbook of Pediatrics 21st edition 2019.
Essential References Materials	<p>A. Nelson Essentials of Pediatrics, W. B Saunders</p> <p>B. Illustrated Textbook of Paediatrics, 5th edition.</p> <p>B. For Clinical skills:</p> <p>1) Manual of Clinical Pediatrics Mansour N. Al Hawasi</p> <p>2) Examination paediatrics, Wayne Harris , Australia; 5th edition.</p> <p>C. Current Pediatrics</p> <p>D. Washington manual of pediatrics</p>
Electronic Materials	www.medscape.com , www.uptodate.com
Other Learning Materials	

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	1) Skill lab suitable for 25 students. 2) Teaching hospital for bedside teaching. Classrooms suitable for 25 students.
Technology Resources (AV, data show, Smart Board, software, etc.)	- Computer. - Data show. - Smart Board. - Black Board
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	-Library supplied with reference textbooks, electronic resources. - Saudi digital library.

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Course evaluation	Students	Direct
Effectiveness of teaching and assessment	External examiners	Direct
Extent of achievement of course learning outcomes	Peer Reviewer	Direct

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	Pediatric department Council
Reference No.	202210-218-005533-011528
Date	13-3-1444 /10-10-2022

Course coordinator:
DR/ Mayasa Zaid

Head of department:
DR/ Dhafer Alshehry

