

# Course Specification

University: Al-Azhar

Faculty: Medicine

Department: **Pediatrics**

1- Data of the course: year 2014 - 2015

<b>Code of course:</b> 502-ped	<b>Title of the course:</b> pediatrics	Years:5 <sup>th</sup> of the MBBCh Program
Specialty: pediatrics	Number of teaching unit: 6 units (12weeks)	<ul style="list-style-type: none"><li>• Lectures:100 hours</li><li>• Practical\clinical:100 hours</li><li>• IDL: 30 hours</li></ul>

2- Objectives of the course:

To develop appropriate knowledge and skills and attitude necessary for clinical practice in the pediatric field

3- ILOS

**A-Knowledge and understanding:**

- 1-Describe normal growth and development and know the factors affecting them
- 2- Describe nutritional requirements for infant and children including breast and formula feeding
- 3- Know how to assess and manage common pediatric problems
- 4- Identify the prevention of pediatric diseases and describe immunization, isolation and chemoprophylaxis
- 5-How to detect life-threatening conditions
- 6- Definition of genes and chromosomes
- 7- Describe manifestation of Down syndrome, Turner syndrome
- 8- Describe steps of genetic counseling

**B- Intellectual skills:**

- 1- Interpretation the common diagnostic studies and proper choice of investigations according to the situation
- 2- Make diagnostic and therapeutic decisions based on clinical judgment
- 3- Analysis of data from history and examination to formulate diagnosis

	4- Explain to the mother the facts about the disease
<b>C- Professional skills:</b>	1- Collect relevant and focused history 2- Perform proper physical examination 3- Make the proper diagnostic decisions 4- Formulate plan of management
<b>D- General skills:</b>	1- Cooperation with colleagues and respect them 2- Display a professional image or look following the Islamic code of medical ethics 3- Apply ethical principles to clinical work 4- Avoid frightening of the patient 5- Deal with the patient as a person not as a disease 6- Keep private information confidential 7- Counseling the mother about proper breast feeding

#### 4. Course content:

	1-Growth and development 2-Behavioral/psychiatric problem 3- Nutrition/ infant feeding
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	<ol style="list-style-type: none"><li>4- Human Genetics</li><li>5- Neonatology</li><li>6- Immunology</li><li>7- Allergic diseases</li><li>8- Rheumatic diseases</li><li>9- Infectious diseases</li><li>10- Digestive system</li><li>11- Respiratory system Cardio-vascular system</li><li>12- Hematology/ oncology</li><li>13- Nephrology/ urology</li><li>14- Endocrinology/ inborn error of metabolism</li><li>15- Neurology</li><li>16- Pediatric emergencies and environmental hazards</li><li>17- Social/ preventive diseases (IMCI and vaccination)</li></ol>
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## 5. Methods of teaching:

- Lectures
- Clinical rounds
- Tutorial classes
- Independent learning
- Audiovisuals

## 6. Students evaluation and assessment:

<b>A. Methods of assessment</b> -Written examination including MCQ. Short essay question and problem solving -OSCE -Oral examination	
<b>B. Time of assessment</b>	1-End-term examination that include: <ul style="list-style-type: none"><li>• Attendance</li><li>• IDL</li><li>• OSCE</li><li>• Clinical one short case</li></ul> Oral exam (MCQ, oral, IMCI) 2-End-year examination: <ul style="list-style-type: none"><li>• Written exam</li><li>• Clinical exam</li><li>• OSCE</li><li>• Oral exam</li></ul>
<b>C. Allocated marks/ distribution</b>	1-End-term exam: 100 marks (attendance 20, IDL 10, OSCE 25, short case 15) 2-End year exam; 400 marks Written 200 marks Clinical, OSCE & oral 200 marks

## 7. Teaching books, notebooks and references:

<p><b>- Books/Notebooks:</b></p>          <p><b>- References:</b></p>	<p>1-Departmental book 2013\2014</p> <p>2-Essential nelson text book 2014</p> <p>3-Nelson text book 2012</p> <p>4-Basic Pediatrics: Professor Mahmoud Elmougy book 2014</p> <p>-core curriculum for undergraduate program issued by supreme council of the faculty of medicine</p>
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Head of the department

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Course Coordinator

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