

# Course Specifications

## Pediatric Nursing

### Master Program

#### 1- Basic information

**Code:** 412

**Title:** Growth and Development

**Level:** 2nd Semester

**Theoretical :**30

**Practical :----**

**Program(s) on which the course is given :** Pediatric Nursing

**Major or minor element of program :** Major

**Department offering the program :** Pediatric Nursing

**Department offering the course :** Pediatric Nursing

**Date of specification approval :** 16/2/2016

**Academic year :** ٢٠٢٠ /٢٠٢١

**2- Overall aims of Course:** This course aims to equip the master student with advanced knowledge, intellectual skills and attitude to deal effectively, independently and interdependently with children's normal and abnormal growth and developmental issues from birth to adolescence

#### 3- Intended Learning Outcomes of Course (ILOs)

##### a- Knowledge and Understanding :

**By the completion of this course the student should be able to**

A.1. Recognize normal physical and physiologic growth in the different stages of development.

A.2. Be aware the gross and fine motor milestones of children from birth through adolescence.

A.3. Describe language development in different developmental stages.

A.4. Discuss common issues related to growth and development during the different developmental stages.

A.5.Explain factors that influence growth and development

A.6. Identify the different types of growth charts used to assess growth

##### b- Intellectual Skills

**By the completion of this course the student should be able to**

B.1. Integrate knowledge of growth and development with nursing care and health promotion of children from birth through adolescence.

B.2 Differentiate between normal and abnormal growth.

B.3.Discuss risk factors associated with abnormal growth.

B.4. Analyze data obtained during growth and development as history taking to prioritize health needs of the child.

B.5. Analyze growth and development of children at different age groups.

##### c- Professional and practical skills

---

**d- General and transferable skills**

**By the completion of the course the student should be able to**

D.1. Use culturally competent communication when working with children and their families.

D.2. Show positive attitude in teaching and counseling children and their families.

D.3. Demonstrate the ability to work in team, encourage team work activity and lead team effectively.

**e- Attitude**

**By the completion of this course the student should be able to**

Not applicable

**4- Course Contents:**

Week	Topic	No. of hours		Tutorial/Practical
		Lecture	practical	
1	Unit I : Growth and Development of children from birth through adolescents	12		This course has no practical hours
2	Unit II: Factors that Influence Growth and Development	2		
3	Unit III: Assessment of Growth	6		
4	Unit IV: Developmental Assessment	6		
5	Unit V: Abnormal Growth and Puberty	4		

**- Teaching and learning methods :**

- 5.1 lectures
- 5.2 Self- learning
- 5.3 Electronic –learning

**- Student Assessment :**

**A- Assessment Method**

- = Written examination.
- Oral examination.

**B- Time Schedule**

Written exam: at the end of the course

Oral exam: at the end of the course

**C- Grading system**

	Score	%
• Final written exam	60	60
• Oral	40	40
• Total	100	100.0

## 7- List of References

**A - Course Note : Not applicable**

**B - Required Books (Text Books)**

- Bowden VR.& Greenbery CS.(2012): Pediatric Nursing Procedures, 3rd Ed. Walters Kluwer Health | Lippincott Williams and Wilkins Co., Baltimore.
- Kliegman RM, Jenson HB, Behrman RE, and Stanton BF (Eds) (2007). Nelson Text book of Pediatrics, 18th ed. Saunders Elsevier Co., Philadelphia.
- Hokenberry MJ & Wilson D (2001): Wong's Essentials of Pediatric Nursing, 8th ed., Mosby Elsevier Co., Baltimore.
- Hokenberry MJ & Wilson D (1995): Wong's Nursing Care of Infants and Children, 8th ed. Mosby Elsevier Co., Baltimore.

**C - Recommended Books**

- Cameron N and Bogin B (2012): Human Growth and Development, 2<sup>nd</sup> ed. Elsevier Co., Sandiago
- Sigelman CK and Rider EA (2012): Life-Span Human Development, 7th ed. Cengage Learning Co., USA.
- Mukherjee DK and Nai MK (2008): Growth & Development. Jaypee Brothers Medical Publishers Co., Delhi.

**D - Periodicals, Web Sites, ...etc**

- American Academy of Pediatrics [www.aap.org](http://www.aap.org)
- Children First for Health [www.childrenfirst.nhs.uk/](http://www.childrenfirst.nhs.uk/)Delhi.ChildStats.gov  
<http://childstats.gov>

## 8- Facilities required for teaching and learning

**Course Coordinator:** Prf/Dr: Amal Mohamed El dakhakhny

**Head of Department :** Prf/Dr: Amal Mohamed El dakhakhny

**Date:**     /     /

University: Zagazig University  
 Faculty/Institute: Faculty of Nursing  
 Department: Pediatric Nursing Department

Course name	Growth and Development
Course code	412

Content of Course	Knowledge	Intellectual Skills	Professional skills	General skills	Attitude
Unit I: Growth and Development of children from birth through adolescents	A1, A2, A3, A4	B1		D1, D2, D3	
Unit II: Factors That Influence Development	A5	B1		D1, D2, D3	
Unit III: Assessment of Growth	A6	B2, B4, B5		D1, D2, D3	
Unit IIV: Developmental Assessment		B2, B4, B5		D1, D2, D3	
Unit V: Abnormal Growth and Puberty		B3		D1, D2, D3	

رئيس مجلس القسم العلمي: أ.د/ أمل محمد الداخني

استاذ المادة: أ.د/ أمل محمد الداخني  
 عضو هيئة التدريس بالقسم د. بتعه محمود اسماعيل

