



كلية التمريض



جامعة الزقازيق

## Course Specifications Pediatric Nursing Master Program

### 1- Basic information

Code: 411

Title: Pathology

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 : 7/2020

Academic year : 2020-2022

2- **Overall aim of Course:** This course of pathology aimed to equip the master student with the advanced knowledge, intellectual skills and attitudes related to pathophysiological changes of common pediatric health problems at different age groups

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

#### a- Knowledge and Understanding :

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

A1- Recognize the common laboratory and diagnostic tests useful in the diagnosis of various medical problems at different age groups.

A2- Explain pathophysiological changes of common pediatric health problems at different age groups.

#### b- Intellectual Skills

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

B1- Compare between the anatomy and physiology of different body systems in children and adults.

B2- Differentiate between common differential diagnoses of common pediatric health problems.

B3- Locate the different medical problems in children from birth through adolescence.

**c- Professional and practical skills**

**By the completion of this course the student should be able to**  
None

**d- General and transferable skills**

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

D-1 Adopt self-learning and continuous self-evaluation

D.2 Utilize interpersonal skills to communicate effectively.

D.3 Demonstrate leadership ability in conducting and managing the scientific seminars.

D.4 Use computer skills to implement course requirements

**e- Attitude**

**By the completion of the course the student should be able to**  
Not applicable

**4- Course Contents:**

| Week | Topic   | No. of hours |                                   |
|------|---|--------------|-----------------------------------|
|      |   | Lecture      | practical                         |
| 1-4  | <p><b>Unit (1): The anatomy and physiology of different body systems in children.</b></p> <ul style="list-style-type: none"> <li>▪ Respiratory system</li> <li>▪ Urinary system</li> <li>▪ Central nervous system</li> <li>▪ Endocrine disorder</li> <li>▪ Blood</li> <li>▪ Cardiovascular system</li> <li>▪ Gastrointestinal system.</li> </ul> <p><b>Unit (2): Respiratory system disorders</b></p> <ol style="list-style-type: none"> <li>1. Pneumonia</li> <li>2. Bronchial asthma</li> </ol> | 10           | The course has no practical hours |

|       |  |    |   |
|-------|--|----|---|
| 5-7   | <b>Unit (4): Urinary system disorders</b><br>1. Acute Glomerulonephritis<br>2. Nephrotic syndrome<br>3. Urinary tract infection.                         | 2  | - |
| 8     | <b>Unit (5): Central nervous system disorders</b><br>1. Meningitis<br>2. Encephalitis  | 2  | - |
| 9     | <b>Unit (6): Endocrine disorders</b><br>Diabetes mellitus  | 2  | - |
| 10    | <b>Unit (7): Nutritional disorders</b><br>1. Vitamin D deficiency (rickets)<br>2. Marasmus<br>3. Kwashiorkor   | 4  | - |
| 11-12 | <b>Unit (8): Hematological disorders</b><br>1) Disseminated intravascular coagulopathy<br>2) Glucose 6 phosphate dehydrogenase deficiency<br>3) Leukemia | 6  | - |
| 13-14 | <b>Unit (9): Gastrointestinal disorders</b><br>1) Diarrhea and dehydration   | 2  | - |
| 15    | <b>Unit (10): Cardiovascular disorders</b><br>1) Rheumatic fever   | 2  | - |
|       | <b>Total</b>   | 30 | - |

**- Teaching and learning methods :**

- **5.1** lectures & Seminar
- **5.2** Self- learning
- **5.3** Blended & online learning

**- Student Assessment :**

**A- Assessment Method**

- Final written examination.
- Oral examination.

## **B- Time Schedule**

- Final written examination: at 16 weeks.
- Oral examination: at the end of the course.

## **C- Grading system**

|               | Score | %  |
|---------------|-------|----|
| Final written | 60    | 60 |
| Oral exam     | 40    | 40 |

## **7- List of References**

### **A - Course Note : Not applicable**

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

- Marc dante KJ, Kliegman HB, & Behrman RE.(2018): Nelson Essentials Of Pediatrics (6<sup>th</sup> Ed.). Saunders Co., Canada.
- Kliegman RM, Jenson HB, Behrman RE, and Stanton BF (Eds) (2017). Nelson Textbook of Pediatrics, 18<sup>th</sup> ed. Saunders Elsevier Co., Philadelphia.

### **C - Recommended Books**

- Ghai O, Paul VK and Bagga A (Eds) (2019): Essential Pediatrics, 7<sup>th</sup> ed. CBS Publishers and Distributors Co., New Delhi.
- Bilotta KA (Ed.) (2019): Nurse's Quick Check Diseases, 2<sup>nd</sup> ed. Walters Kluwer Health | Lippincott Williams and Wilkins Co., London.
- Burg FD, Ingelfinger JR, Polin RA, and Gershon AA (Eds). (2016): Current Pediatric Therapy, 18<sup>th</sup> ed. Saunders Elsevier Co., Pennsylvania.
- WHO (2020): Management of the Child with A Serious Infection or Severe Malnutrition- Guidelines for Care at the First Referral Level in Developing Countries. Hongkong.

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

- emedicine - medscape pediatrics: -  
[http://emedicine.medscape.com/pediatrics\\_general](http://emedicine.medscape.com/pediatrics_general)
- American Academy of Pediatrics [www.aap.org](http://www.aap.org)

## **8- Facilities required for teaching and learning**

Course Coordinator: **Dr. Nehad Ahmed Karm**

Head of Department: **Prof. Dr. Amal Mohammed EL-Da khakhny**

Date: / /

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

|             |           |
|-------------|-----------|
| Course name | Pathology |
| Course code | 411       |

| Content of Course  | Knowledge | Intellectual Skills | Professional skills | General skills  | Attitude |
|--|-----------|---------------------|---------------------|-----------------|----------|
| Unit (1): The anatomy and physiology of different body systems in children |           | B1                  |                     | D1,D2,D3,<br>D4 |          |
| Unit (2): Respiratory system disorder                                      | A1, A2    | B2, B3              |                     | D1,D2,D3,<br>D4 |          |
| Unit (4): Urinary system disorder  | A1, A2    | B2, B3              |                     | D1,D2,D3,<br>D4 |          |
| Unit (5): Central nervous system disorder                                  | A1, A2    | B2, B3              |                     | D1,D2,D3,<br>D4 |          |
| Unit (6): Endocrine disorder   | A1, A2    | B2, B3              |                     | D1,D2,D3,<br>D4 |          |
| Unit (7): Nutritional disorder   | A1, A2    | B2, B3              |                     | D1,D2,D3,<br>D4 |          |
| Unit (8): Hematological disorder   | A1, A2    | B2, B3              |                     | D1,D2,D3,<br>D4 |          |
| Unit (9): Gastrointestinal disorder  | A1, A2    | B2, B3              |                     | D1,D2,D3,<br>D4 |          |
| Unit (10): Cardiovascular disorder   | A1, A2    | B2, B3              |                     | D1,D2,D3,<br>D4 |          |

Course Coordinator: **Dr. Nehad Ahmed Karm**

**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 :** 7/2020

**Academic year :** 2020-2022

**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 |                                    |
| 1-6   | Unit I: Growth and Development of children from birth through adolescents | 12           | -         | This course has no practical hours |
| 7     | Unit II: Factors that Influence Growth and Development                    | 2            | -         |                                    |
| 8-10  | Unit III: Assessment of Growth  | 6            | -         |                                    |
| 11-13 | Unit IV: Developmental Assessment   | 6            | -         |                                    |
| 14-15 | Unit V: Abnormal Growth and Puberty                                       | 4            | -         |                                    |
|       | Total   | 30           | -         |                                    |

**- Teaching and learning methods :**

- 5.1 lectures&seminar
- 5.2 Self- learning
- 5.3 blended & online learning

**- Student Assessment :**

**A- Assessment Method**

- Final written examination.
- Oral examination.

**B- Time Schedule**

Final written exam: 16 weeks

Oral exam: at the end of the course

**C- Grading system**

|                      | Score | %   |
|----------------------|-------|-----|
| • Final written exam | 60    | 60  |
| • Oral               | 40    | 40  |
| • Total              | 100   | 100 |

**7- List of References**

**A - Course Note : Not applicable**

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

- Bowden VR.& Greenberg CS.(2018): Pediatric Nursing Procedures, 3rd Ed. Walters Kluwer Health | Lippincott Williams and Wilkins Co., Baltimore.
- Kliegman RM, Jenson HB, Behrman RE, and Stanton BF (Eds) (2017). Nelson Text book of Pediatrics, 18th ed. Saunders Elsevier Co., Philadelphia.
- Hokenberry MJ & Wilson D (2016): Wong's Essentials of Pediatric Nursing, 8th ed., Mosby Elsevier Co., Baltimore.
- Hokenberry MJ & Wilson D (2017): Wong's Nursing Care of Infants and Children, 8th ed. Mosby Elsevier Co., Baltimore.

**C - Recommended Books**

- Cameron N and Bogin B (2018): Human Growth and

Development, 2<sup>nd</sup> ed. Elsevier Co., Sandiago

- Sigelman CK and Rider EA (2016): Life-Span Human Development, 7th ed. Cengage Learning Co., USA.
- Mukherjee DK and Nai MK (2018): 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     |          |

**Course Coordinator:** Prof/Dr: Amal Mohamed El-Dakhakhny

**Course Specifications**  
**Pediatric Nursing**  
**Master Program**

**1- Basic information**

**Code:** 413

**Title:** Seminars in Pediatric Nursing

**Level:** 2nd Semester

**Theoretical:** 60

**Practical :180**

**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 :** 7/2020

**Academic year :** 2020 - 2022

**2- Overall aims of Course:** This course is aiming to provide master student with advanced scientific principles and concepts of pediatric nursing to provide safe effective care to children from birth through adolescence and their families during health and illness.

**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. Identify elements of family-centered care.

A.2. Recognize the scope of practice and the professional standards for pediatric nurses.

A.3. Describe legal issues and ethical concepts related to caring of children and their families.

A.4. Recognize important concepts related to health assessment of children at different developmental stages.

A.5. Describe "family dynamics" process.

A.6. Recognize nursing responsibilities in fluid and electrolyte balance and imbalance.

A.7. Recognize concepts in caring for children from birth through adolescence.

A.8. Explain the physiologic differences in children affecting a medication's pharmacodynamics and pharmacokinetic properties.

A.9. Discuss the measures of health maintenance of newborn, infants and children at different developmental stages.

**b- Intellectual Skills**

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

- B.1. Distinguish normal variations in the physical examination from differences that may indicate serious alterations in health status.
- B.2. Delineate the structures, functions, and roles of families and their influence on children and their health.
- B.3. Compare factors associated with health status and lifestyle that affect a child's health.
- B.4. Differentiate between various electrolytes imbalance.
- B.5. Integrate the concepts of safe care in medication administration for children.
- B.6. Calculate recommended pediatric medication doses.
- B.7. Locate the child's needs at different developmental stages.
- B.8. Develop appropriate anticipatory guidance for common developmental issues that arise in the different developmental stages.
- B.9. Critique new research findings in each seminar.

**c- Professional and practical skills**

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

- C.1. Perform a health assessment using approaches that relate to the age and developmental stage of the child.
- C.2. Demonstrate the proper technique for administering medication to children via various routes.
- C.3. Apply safety measures when caring for children of all ages.
- C.4. Provide nursing care for normal newborn and family.
- C.5. Apply a nutritional plan for children at different developmental stages.
- C.6. Provide teaching about safety promotion for children at different developmental stages.
- C.7. Record and report deviation from normal.

**d- General and transferable skills**

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

- D.1. Use culturally competent communication when working with children and their families
- D.2. Adopt self-learning and continuous self-evaluation
- D.3. Enhance working with a team spirit and lead effectively

**e- Attitude**

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

- e1- Protects and promotes patient/ client rights to autonomy, respect, privacy, and dignity
- e2- Acts as a role model and mentor for less experienced nursing care providers and nursing students.
- e3- Communicates with patient / client with a respect for different values, cultures intellectual levels and emotional state.

#### 4- Course Contents:

| Week  | Topic   | No. of hours |           | Tutorial/Practical                |
|-------|---|--------------|-----------|-----------------------------------|
|       |   | Lecture      | practical |                                   |
| 1-2   | Perspectives of Pediatric Nursing   | 4            | -         | The course has no practical hours |
| 3-4   | Health Assessment   | 4            | 48        |                                   |
| 5-7   | Concepts related to pediatric procedure   | 8            | 48        |                                   |
| 8-9   | Fluids and electrolytes balance and imbalance   | 8            | 24        |                                   |
| 10-11 | Communication with Children   | 8            | -         |                                   |
| 12-13 | Family dynamics   | 4            | -         |                                   |
| 14    | Health Promotion Of Children From Birth Through Adolescence                                       | 20           | 60        |                                   |
| 15    | Ethical And Legal Issues In Pediatric Nursing Related to Working with Children and Their Families | 4            | -         |                                   |
|       | Total   | 60           | 180       |                                   |
|       |   |              |           |                                   |

#### 5- Teaching and learning methods:

- **5.1** Lectures
- **5.2** Seminars
- **5.3** Self- learning
- **5.4** Laboratory training
- **5.5** Blended & online learning

#### 6- Student Assessment:

##### A- Assessment Method

- Final written examination.
- Oral examination.

##### B- Time Schedule

- Clinical area evaluation after each clinical area
- Self learning during semester work.
- Oral examination: at the end of the semester term.
- Final written examination: 16 weeks.

### **C- Grading system**

|                             | Score | %   |
|-----------------------------|-------|-----|
| - Final written examination | 120   | 40  |
| - Oral examination          | 60    | 20  |
| - Semester work             | 120   | 40  |
| - Total                     | 300   | 100 |

### **7- List of References**

**A - Course Note: Not applicable**

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

1. Bowden VR.& Greenbery CS.(2018): Pediatric Nursing Procedures, 3<sup>rd</sup> ed. Walters Kluwer Health | Lippincott Williams and Wilkins Co., Baltimore.
2. Barker AM.(2019): Advanced Practice Nursing, Essential Knowledge for the Profession. Jones and Bartlett, NewYork.
3. Kyle T (2018): Essentials of Pediatric Nursing. Wolters Kluwer Health | Lippincott Williams & Wilkins Co., Baltimore.
4. Hokenberry MJ & Wilson D (2016): Wong's Essentials of Pediatric Nursing, 8th ed., Mosby Elsevier Co., Baltimore.
5. Hokenberry MJ & Wilson D (2017): Wong's Nursing Care of Infants and Children, 8<sup>th</sup> ed. Mosby Elsevier Co., Baltimore.

### **C - Recommended Books**

1. Potts NL & Mandleco BL(Eds.) (2018), Pediatric Nursing: Caring for Children and Their Families, 3<sup>rd</sup> ed. Delmar Cengage Learning Co., Canada.
2. Pillitteri A (2019): Maternal and Child Health Nursing: Care of the Childbearing and Childrearing Family, 6<sup>th</sup> ed. Lippincott Williams & Wilkins a Wolters Kluwer business Co., Philadelphia.
3. Ashwill J, Murray SS, James SR & McKinney ES (2016): Maternal-Child Nursing, 3<sup>rd</sup> ed. Saunders Elsevier Co., Canada.
4. James SR & Ashwill JW (2017): Nursing Care of Children Principles & Practice, 3<sup>rd</sup> ed. Saunders Elsevier Co., Canada.

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

1. Nursing Children and Young People: -  
<http://nursingchildrenandyoungpeople.rcnpublishing.co.uk/>
2. Society of Pediatric Nurses: - <http://www.pedsnurses.org/>
3. Pediatric Nursing Journal: - <http://www.pediatricnursing.net/>
4. American Academy of Pediatrics [www.aap.org](http://www.aap.org)
5. Children First for Health [www.childrenfirst.nhs.uk/](http://www.childrenfirst.nhs.uk/)
6. The Children's Heart Institute  
[www.childrenheartinstitute.org/educate/eduhome.htm](http://www.childrenheartinstitute.org/educate/eduhome.htm)

ChildStats.gov <http://childstats.gov>

#### **8- Facilities required for teaching and learning**

Course Coordinator: Prof. Amal Mohamed Mohamed El-Dakhakhny

Head of Department Prof. Amal Mohamed Mohamed El-Dakhakhny

Date: / /

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

|             |                               |
|-------------|-------------------------------|
| Course name | Seminars in pediatric Nursing |
| Course code | 413                           |

| Content of Course  | Knowledge | Intellectual Skills | Professional skills | General skills | Attitude    |
|--|-----------|---------------------|---------------------|----------------|-------------|
| Unit I<br>Perspectives of Pediatric Nursing  | A1, A2    | B8                  |                     | D1, D2, D3     | E1., E2.,E3 |
| Unit II<br>Health Assessment   | A4        | B1,B8               | C1,C8               | D1, D2, D3     | E1., E2.,E3 |
| Unit III<br>Concepts related to pediatric procedure  | A7, A8    | B5, B8              | C2, C3, C4          | D1, D2, D3     | E1., E2.,E3 |
| Unit IV<br>Fluids and electrolytes balance and imbalance   | A6        | B8, B4              |                     | D1, D2, D3     | E1., E2.,E3 |
| Unit V<br>Communication with Children  |           | B8                  |                     | D1, D2, D3     | E1., E2.,E3 |
| Unit VI<br>Family dynamics   | A5        | B2, B3, B8          |                     | D1, D2, D3     | E1., E2.,E3 |
| Unit VII<br>Health Promotion Of Children From Birth Through Adolescence  | A9        | B7, B8, B6          | C5, C6,C7           | D1, D2, D3     | E1., E2.,E3 |
| Unit VIII<br>Ethical And Legal Issues In Pediatric Nursing Related to Working with Children and Their Families | A3        | B8                  |                     | D1, D2, D3     | E1., E2.,E3 |

Course Coordinator: Prof. Amal Mohamed El-Dakhakhny

## Course Specification of English Language

|  |                                |                     |
|--|--------------------------------|---------------------|
| <b>1-Basic information</b>                   |                                |                     |
| <b>Level :</b> 2 <sup>nd</sup> Master degree | <b>Title:</b> English Language | <b>Code:</b> 414    |
| <b>Theoretical :</b> 30                      |                                | <b>Practical :-</b> |
| <b>Major or minor element of program</b>     |                                | Major               |
| <b>Department offering the program</b>       |                                | English department  |
| <b>Department offering the course</b>        |                                | Faculty of Nursing  |
| <b>Date of specification approval</b>        |                                | <b>7/2020</b>       |
| <b>Academic year</b>                         |                                | <b>2020-2022</b>    |

|   |                                       |
|---|---------------------------------------|
| <p>This course Provides the candidate with theoretical knowledge &amp; skills in catering for the language demands of their major study, advanced Course assignments include writing, speaking, reading tasks for academic and communication purposes, &amp; emphasis is on basic nursing word structure, prefixes, suffixes, combining forms, and pronunciation. Students learn standard nursing vocabulary and nursing abbreviations.</p> | <b>2-Overall Aims of Course</b>       |
| <p><b>3-Intended Learning Outcomes of Course (ILOs)</b><br/>by the end of this course the graduate will be able to:</p>   |                                       |
| <p>A1- Describe students' proficiency in English.<br/>A2- Describe students' skills in using English,<br/><br/>A3- Provide tomorrow's nursing staff with a plethora of pharmacy glossary and abbreviations.<br/><br/>A4- Discuss the students to surf the internet to gain more information about the course topics.<br/><br/>A5- Describe radiation safety.</p>  | <b>a- Knowledge and Understanding</b> |

|   |  |
|---|--|
| <p>B1- Analyze students' confidence in speaking, reading and writing in correct English sentences.</p> <p>B2- Utilize critical thinking.</p> <p>B3- Utilize knowledge from nursing and related sciences to identify, prioritize health needs in emergency nursing</p> <p>B4- Increasing students' cultural awareness</p>                                  | <p><b>b- Intellectual Skills</b></p>               |
| <p>C1- Exercise students' abilities in the use of the English language in their own specialization</p> <p>C2 -Apply nursing process in emergency nursing</p> <p>C3-Demonstrate increasing effectiveness in using therapeutic relationship skills to produce therapeutic out- come.</p> <p>C4-Document and report the outcome of nursing intervention.</p> | <p><b>c- Professional and practical skills</b></p> |

|  |  |
|--|--|
| <p>D1- Design an E-portfolio that contains all the students works during the semester.</p> <p>D2- Implement communication skills, the use of the internet and e-mail for peer evaluation.</p> <p>D3- Utilize team working.</p> <p>D4-Demonstrate cognitive, affective and psychomotor nursing skills for teaching as active learning and reflective teaching</p> | <p><b>d- General and transferable skills</b></p> |
| <p><b>E1-</b> Appreciates and promotes patient \ client rights autonomy, respect, Privacy, dignity, and acc information.</p> <p><b>E2-</b> Values her role as a model for less exper nursing care Providers and nursing students.</p> <p><b>E3-</b> respects and encourages the patients’ participati decision about health care and services.</p>               | <p><b>E- Attitude</b></p>                        |

**4- Course Contents:**

| we<br>eks | Topic  | Theory           | Practica<br>l | Total<br>No. of<br>hours | Methods of<br>teaching |
|-----------|--|------------------|---------------|--------------------------|------------------------|
| 1, 2      | <b>Unit one:</b> The Growth of Men in Nursing                    | 2 hrs.<br>2 hrs. | -             | 4                        | Group discussion       |
| 3 ,<br>4  | <b>Unit two:</b> Responsibilities of a Circulating & Scrub Nurse | 2 hrs.<br>2 hrs. | -             | 4                        | lecture                |
| 5 ,<br>6  | <b>Unit three:</b> Emergency nursing                             | 2 hrs.<br>2 hrs. | -             | 4                        | Group discussion       |
| 7 ,<br>8  | <b>Unit four:</b> Rural nurses                                   | 2 hrs.<br>2 hrs. | -             | 4                        | lecture                |

|                   |  |                            |          |           |  |
|-------------------|--|----------------------------|----------|-----------|--|
| 9<br>,10          | <b>Unit five:</b> Radiation safety   | 2 hrs.<br>2 hrs.           | -        | 4         | lecture                                  |
| 11 ,<br>12        | <b>Unit six:</b> Nursing Glossary  | 2 hrs.<br>2 hrs.           | -        | 4         | Group discussion                         |
| 13 ,<br>14<br>,15 | <b>Unit seven:</b><br>English Grammar (Tenses, Active and Passive, Direct and indirect speech, Types of sentences) | 2 hrs.<br>2 hrs.<br>2 hrs. | -        | 6         | Group discussion<br><br>Blended learning |
|                   | <b>Total</b>   | <b>30</b>                  | <b>-</b> | <b>30</b> |  |
| 1                 | <b>Final written exam</b>  |                            |          |           |  |
| 6                 | <b>Oral examination</b>  |                            |          |           |  |

|  |  |
|--|--|
| <p>-A combination of delivery methods are used to facilitate learner and faculty communication including:</p> <p><b>Internet</b><br/>Internet resources are used as an integral part of the instruction.</p> <p><b>Electronic Mail</b><br/>Allows learners to freely interact on an individual or group level with other learners and the instructor.</p> <p>-Group discussion<br/>-Lecture<br/><b>-Blended learning</b></p> | <p><b>5-Teaching and learning methods:</b></p>     |
| <p>Not applicable</p>  | <p><b>6-learning methods for special needs</b></p> |
|  | <p><b>7-Student Assessment</b></p>                 |
| <p>-Oral examination</p>   | <p><b>a-Assessment Method</b></p>                  |

|   |   |
|---|---|
| -Written examination  |   |
| First assessment: oral examination (16 week)<br>Second assessment: at the end of the course (17 week)   | <b>b- Time Schedule</b>                   |
| - Final written exam                      60<br>- oral examination                              40<br>-Total    100   | <b>c- Grading system</b>                  |
| <ul style="list-style-type: none"> <li>✓ <a href="http://www.netplaces.com/new-nurse/why-become-a-nurse/the-nursing-shortage.htm">http://www.netplaces.com/new-nurse/why-become-a-nurse/the-nursing-shortage.htm</a></li> <li>✓ <a href="http://www.ehow.com/about_6657303_rural-nursing-theory.html#ixzz1aP3p5c9L">http://www.ehow.com/about_6657303_rural-nursing-theory.html#ixzz1aP3p5c9L</a></li> <li>✓ <a href="http://www.ehow.com/about_6657303_rural-nursing-theory.html#ixzz1aP3p5c9L">http://www.ehow.com/about_6657303_rural-nursing-theory.html#ixzz1aP3p5c9L</a></li> <li>✓ <a href="http://www2.ivcc.edu/rambo/eng1001/sentences.htm">http://www2.ivcc.edu/rambo/eng1001/sentences.htm</a></li> <li>✓ <a href="http://www.englishpage.com/verbpage/activepassive.html">http://www.englishpage.com/verbpage/activepassive.html</a><a href="http://english-zone.com/grammar/questions2.htm">http://english-zone.com/grammar/questions2.htm</a></li> <li>✓ <a href="http://www.netplaces.com/new-nurse/why-become-a-nurse/the-nursing-shortage.htm">http://www.netplaces.com/new-nurse/why-become-a-nurse/the-nursing-shortage.htm</a></li> <li>✓ <a href="http://www.englishclub.com/vocabulary/wh-question-words.htm">http://www.englishclub.com/vocabulary/wh-question-words.htm</a></li> <li>✓ <a href="http://www.eslgo.com/quizzes/raiderspassive.html">http://www.eslgo.com/quizzes/raiderspassive.html</a></li> </ul> | <b>8- List of References</b>              |
| Handouts for all prepared contents by the candidate master degree of the course.  | <b>A - Course Note</b>                    |
|   | <b>B- Required Books (Text Books)</b>     |
|   | <b>C - Recommended Books</b>              |
|   | <b>D - Periodicals, Web Sites, ...etc</b> |

Professor of Course:        Dr. Mohamed Abd elhady

## Model (12)

**Department: Pediatric Nursing**

|             |                  |
|-------------|------------------|
| Course Name | English Language |
| Code Name   | 414              |

### Knowledge and skills matrix benefiting from the studied course

| Course contents   | Study Week | Knowledge   | Intellectual Skills | Professional skills | General skills | Attitudes skills |
|---|------------|-------------|---------------------|---------------------|----------------|------------------|
| <b>Unit one:</b> The Growth of Men in Nursing   | 1-2        | A1,A4       | B2                  | C1                  | D1,D4          | E1,E3            |
| <b>Unit two:</b> Responsibilities of a Circulating & Scrub Nurse  | 3-4        | A1,A3       | B1,B2               | C1                  | D1,D3,D4       | E2,E3            |
| <b>Unit three:</b> Emergency nursing  | 5-6        | A3,A4       | B2,B3               | C2                  | D2,D3,D4       | E2-E3            |
| <b>Unit four:</b> Rural nurses  | 7-8        | A3,A4       | B2,B3               | C3,C4               | D2,D3,D4       | E1,E2-E3         |
| <b>Unit five:</b> Radiation safety  | 9-10       | A4,A5       | B2,B3               | C3,c4               | D2,D3,D4       | E1-E2            |
| <b>Unit six:</b> Nursing Glossary   | 11-12      | A1,A2,A3,A4 | B2,B4               | C1                  | D1,D2,D3,D4    | E1,E2            |
| <b>Unit seven:</b> English Grammar (Tenses, Active and Passive, Direct and indirect speech, Types of sentences) | 13-14-15   | A1,A2,A4    | B1,B2               | C1                  | D1,D2,D3,D4    | E1-E2            |

**Professor of Course:**

**Dr. Mohamed Abd Elhady**

**Course Specifications  
Pediatric Nursing  
Master Program**

**1- Basic information**

**Title: Child Psychology**                      **Code: 430**                      **Level: 3rd 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 :** 7/2020

**Academic year :** 2020-2022

**2- Overall aim of Course:** The aim of this course is to equip the student of child psychology that can provide insight into both the nature of childhood generally as well as the distinctive characteristics of individual children. The focus is on social, emotional, cognitive, moral and spiritual development during the early periods of life from infancy and childhood through adolescence.

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

**a- Knowledge and Understanding :**

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

A1- Define developmental psychology.

A2-State the importance and function of developmental theories.

A3-Describe the major theories of child's development, learning and behavior

A4-Describe attachment theory.

A.5. Define self-concept and identify its component

A6-Explain the consequences of negative body image.

A.7. Recognize the common developmental and behavioral problems as well as anxiety disorders in children.

A8-Identify the characteristics of attention defect hyperactivity disorder.

A9-Recognize the most common types of eating disorders in children.

A10-Identify the characteristics of autism.

**b- Intellectual Skills**

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

B1- Critically analyze psychosexual, cognitive, psychosocial, moral and spiritual theories.

B.2. Differentiate between the developmental tasks of infancy, early, middle and later childhood with particular emphasis on the cognitive and psychosocial aspects of development.

B.3. Locate the strength and limitation of each developmental theory.

B4- Critically assess the concepts derived from developmental, learning and behavioral theories in identifying health deviation problems in children.

B.5. Distinguish the signs and symptoms of different eating disorders.

B6- Illustrate the impact of sociocultural norms on the development of eating disorders.

B.7. Compare between different projective techniques.

**c- Professional and practical skills**

Not applicable

**d- General and transferable skills**

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

D-1 Adopt self-learning and continuous self-evaluation

D.2 Utilize interpersonal skills to communicate effectively.

D.3 Motivate self-learning and continuous self-evaluation

D.4 Demonstrate leadership ability in conducting and managing the scientific seminars.

D.5 Use computer skills to implement course requirements

**e- Attitude**

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

Not applicable

**4- Course Contents:**

| Week | Topic  | No. of hours |           | Lecturer |
|------|--|--------------|-----------|----------|
|      |  | Lecture      | practical |          |
| 1-5  | <b>Unit (1): Developmental theories</b><br>1. Introduction and perspectives of child | 10           | -         |          |

|       |   |   |   |                        |
|-------|---|---|---|------------------------|
|       | psychology<br>2. Importance of developmental theories<br>3. Psychosexual developmental theory (Freud theory)<br>4. Psychosocial developmental theory (Erickson theory)<br>5. cognitive developmental theory (Piaget)<br>6. Moral developmental theory (Kohlberg)<br>7. Spiritual developmental theory (Fowler)<br>8. Attachment theory. |   |   | Dr. Amal El-Dakhakhney |
| 6     | <b>Unit (2) Social-learning theory (Sears)</b>  | 2 | - |                        |
| 7     | <b>Unit (3): Behavioral theories</b><br>1. Separation individuation   | 2 | - | Dr. Bataa Mohmoud      |
| 8     | <b>Unit (4): Self concept</b>   | 2 | - | Dr. Bataa Mohmoud      |
| 9     | <b>Unit (5): personality assessment</b><br>1. Projective techniques   | 2 | - | Dr. Bataa Mohmoud      |
| 10-12 | <b>Unit (6): Behavior disorders</b><br>1. Eating disorder.<br>2. Elimination disorder.<br>3. Attention deficit hyperactivity disorder   | 6 | - | Dr. Nagda Elmasry      |

|       |   |    |   |                   |
|-------|---|----|---|-------------------|
| 13-14 | <b>Unit (7):Developmental and learning disorders</b><br>1. Autism<br>2. Different types of learning disorders | 4  | - | Dr. Nagda Elmasry |
| 15    | <b>Unit (8):Anxiety disorders</b><br>Separation anxiety disorder.   | 2  | - | Dr. Nagda Elmasry |
|       | <b>Total</b>  | 30 | - | 30                |

**- Teaching and learning methods:**

- Lectures
- Seminar
- Group discussion
- Self- learning
- Blended & online–learning

**- Student Assessment :**

**A- Assessment Method**

- Final written examination.
- Oral examination.

**B- Time Schedule**

- Final written examination: at 16 weeks
- Oral examination: at the end of the course

**C- Grading system**

|               | Score | %  |
|---------------|-------|----|
| Final written | 60    | 60 |
| Oral exam     | 40    | 40 |

**7- List of References**

**A - Course Note: Not applicable**

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

- Boyd MA.(2018): Psychiatric Nursing Contemporary Practice, 5th Ed. Wolter kluwer, Lippincott Williams and Wilkins Co., London.
- Hillard R.& Zitek B. (2017): Emergency psychiatry. The McGraw-Hill Co., USA.

- Hokenberry MJ & Wilson D (2016): Wong's Nursing Care of Infants and Children, 7th ed. Mosby Elsevier Co., Baltimore.
- Hokenberry MJ & Wilson D (2017): Wong's Essentials of Pediatric Nursing, 8th ed., Mosby Elsevier Co., Baltimore.

### **C - Recommended Books**

- Sigelman CK and Rider EA (2018): Life-Span Human Development, 7th ed. Cengage Learning Co., USA.
- Zastrow C, Kay K and Ashman K (2012): Understanding Human Behavior and the Social Environment. Cengage Learning Co., USA.
- Kail RV and Cavanaugh JC (2018): Human Development: A Life-Span View. Cengage Learning Co., USA.
- Shaffer DR (2019): Social and Personality Development. Cengage Learning Co., USA.
- Shaffer DR and Kipp K (2017): Developmental Psychology: Childhood and Adolescence. Cengage Learning Co., USA.

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

7. emedicine - medscape pediatrics: -  
[http://emedicine.medscape.com/pediatrics\\_general](http://emedicine.medscape.com/pediatrics_general)
8. Nursing Children and Young People: -  
<http://nursingchildrenandyoungpeople.rcnpublishing.co.uk/>
9. Society of Pediatric Nurses: - <http://www.pedsnurses.org/>
10. American Academy of Pediatrics [www.aap.org](http://www.aap.org)
11. Children First for Health [www.childrenfirst.nhs.uk/](http://www.childrenfirst.nhs.uk/)

### **8- Facilities required for teaching and learning**

Course Coordinator: Prof. Dr. Amal Mohammed EL-Dakhakhny  
 Head of Department: Prof. Dr. Amal Mohammed EL-Dakhakhny  
 Date: / /

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

|             |                  |
|-------------|------------------|
| Course name | Child psychology |
| Course code | 430              |

| Content of Course                             | Knowledge         | Intellectual Skills | Professional skills | General skills        | Attitude |
|---|-------------------|---------------------|---------------------|-----------------------|----------|
| Unit (1):<br>Developmental theories           | A1, A2,<br>A3, A4 | B1, B2,<br>B3, B4   | -----               | D1, D2, D3,<br>D4, D5 | -----    |
| Unit (2)<br>Social-learning theory (Sears)    | A3                | B3, B4              | -----               | D1, D2, D3,<br>D4, D5 | -----    |
| Unit (3):<br>Behavioral theories              | A3                | B2, B3,<br>B4       | -----               | D1, D2, D3,<br>D4, D5 | -----    |
| Unit (4): Self concept                        | A5, A6            |                     | -----               | D1, D2, D3,<br>D4, D5 | -----    |
| Unit (5):<br>personality assessment           |                   | B7                  | -----               | D1, D2, D3,<br>D4, D5 | -----    |
| Unit (6):<br>Behavior disorder                | A7, A8,<br>A9     | B5, B6              | -----               | D1, D2, D3,<br>D4, D5 | -----    |
| Unit (7): Developmental and learning disorder | A7, A10           | -----               | -----               | D1, D2, D3,<br>D4, D5 | -----    |
| Unit (8): Anxiety disorder                    | A7                | -----               | -----               | D1, D2, D3,<br>D4, D5 | -----    |

Course Coordinator: Prof. Dr. Amal Mohammed EL-Dakhakhny



**d- General and transferable skills**

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

D-1 Adopt self learning and continuous self evaluation

D.1 Utilize interpersonal skills to communicate effectively.

D.2 Motivate self learning and continuous self evaluation

D.3 Demonstrate leadership ability in conducting and managing the scientific seminars.

D.4 Use computer skills to implement course requirements

**e- Attitude**

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

Not applicable

**4- Course Contents:**

| Week | Topic   | No. of hours |           |
|------|---|--------------|-----------|
|      |   | Lecture      | practical |
| 1-5  | <ul style="list-style-type: none"> <li>• Common Medical Treatments in pediatric emergencies</li> <li>• Medical Problems of High Risk Newborns                             <ul style="list-style-type: none"> <li>▪ High risk conditions related dysmaturity</li> <li>▪ High risk related to disturbed respiratory function</li> <li>▪ High risk related to infectious processes</li> <li>▪ High risk related to cardiovascular/ hematologic complications</li> <li>▪ High risk related to neurologic disturbance</li> </ul> </li> </ul> | 10           | -         |
| 6    | <ul style="list-style-type: none"> <li>• Hemodynamic monitoring</li> <li>• Respiratory Arrest</li> </ul>  | 4            | -         |
| 7-8  | <ul style="list-style-type: none"> <li>• Shock</li> <li>• Cardiac Arrhythmias and Arrest</li> </ul>   | 4            | -         |

|       |  |    |   |
|-------|--|----|---|
| 9     | <ul style="list-style-type: none"> <li>• Near-Drowning</li> <li>• Poisoning</li> </ul> | 4  | - |
| 10    | <ul style="list-style-type: none"> <li>• Trauma</li> </ul>                             | 2  | - |
| 11-12 | <ul style="list-style-type: none"> <li>• Respiratory failure</li> </ul>                | 2  | - |
| 13-14 | <ul style="list-style-type: none"> <li>• Acute renal failure</li> </ul>                | 2  | - |
| 15    | <ul style="list-style-type: none"> <li>• Acute congestive heart failure</li> </ul>     | 2  | - |
|       | Total  | 30 | - |

**- Teaching and learning methods :**

- **5.1** Brainstorming
- **5.2** Interactive lectures
- **5.3** Seminar
- **5.4** Self- learning
- **5.5** Blended & online learning

**- Student Assessment :**

**A- Assessment Method**

- Final Written examination.
- Oral examination.

**B- Time Schedule**

- Final Written examination: 16 weeks.
- Oral examination: at the end of the course.

**C- Grading system**

|               | Score | %  |
|---------------|-------|----|
| Final written | 60    | 60 |
| Oral exam     | 40    | 40 |

**7- List of References**

**A - Course Note: Not applicable**

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

- Marcdante KJ, Kliegman HB, & Behrman RE (2018): Nelson Essentials Of Pediatrics, 6<sup>th</sup> ed. Saunders Co., Canada.
- Kliegman RM, Jenson HB, Behrman RE, and Stanton BF (Eds) (2019). Nelson Textbook of Pediatrics, 18<sup>th</sup> ed. Saunders Elsevier Co.,

Philadelphia

### **C - Recommended Books**

- Lucking SE, Maffei FA, Tamburro RF and Thomas NJ (2018): Pediatric Critical Care Study Guide: Text and Review. Springer Co., New York
- Fuhrman BP and Zimmerman JJ (2019): Pediatric Critical Care: Expert Consult Premium, 4<sup>th</sup> ed. Mosby Co., Philadelphia.
- Barry P, Morris K and Ali T (2018): Pediatric Intensive Care. Oxford University Press Co., New York.
- Derek S. Wheeler DS, Wong HR and Shanley TP (2019): Science and Practice of Pediatric Critical Care Medicine. Springer Co., New York.
- Kirpalani H, Huang LH and Duffet M (2019): Manual of Pediatric Intensive Care. PMPH Co., USA.

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

emedicine - medscape pediatrics: -

[http://emedicine.medscape.com/pediatrics\\_general](http://emedicine.medscape.com/pediatrics_general)

American Academy of Pediatrics [www.aap.org](http://www.aap.org)

### **8- Facilities required for teaching and learning**

Course Coordinator: **Prof. Dr. Nehad Ahmed Karm**

Head of Department : **Prof. Dr. Amal Mohammed EL-Da khakhny**

Date:    /    /

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

|             |               |
|-------------|---------------|
| Course name | Critical care |
| Course code | 431           |

| Content of Course                                       | Knowledge | Intellectual Skills | Professional skills | General skills  | Attitude |
|---|-----------|---------------------|---------------------|-----------------|----------|
| 1. Common Medical Treatments in pediatric emergencies   | A2        |                     |                     | D1, D2, D3, D4. |          |
| 2. Hemodynamic monitoring                               | A3        | B3                  |                     | D1, D2, D3, D4. |          |
| 3. Respiratory Arrest                                   | A1, A5    |                     |                     | D1, D2, D3, D4. |          |
| 4. Shock  | A1, A5    |                     |                     | D1, D2, D3, D4. |          |
| 5. Cardiac Arrhythmias and Arrest                       | A1, A5    |                     |                     | D1, D2, D3, D4  |          |
| 6. Near-Drowning  | A1        | B4                  |                     | D1, D2, D3, D4. |          |
| 7. Poisoning  | A1        |                     |                     | D1, D2, D3, D4  |          |
| 8. Trauma   | A1        |                     |                     | D1, D2, D3, D4  |          |
| 9. Medical Problems of High Risk Newborns               | A1        | B1                  |                     | D1, D2, D3, D4  |          |
| 10. Respiratory failure                                 | A1        |                     |                     | D1, D2, D3, D4. |          |
| 11. Acute renal failure                                 | A1        |                     |                     | D1, D2, D3, D4, |          |
| 12. Acute congestive heart failure                      | A1        |                     |                     | D1, D2, D3, D4  |          |
| 13. Rh-incompatibility and exchange transfusion process | A1, A4    |                     |                     | D1, D2, D3, D4  |          |
| 14. Glasgow coma scale                                  |           | B2                  |                     | D1, D2, D3, D4  |          |

Course Coordinator: **Prof. Dr. Nehad Ahmed Karm**

## Course Specification of English Language

|  |                                |                      |
|--|--------------------------------|----------------------|
| <b>1-Basic information</b>                   |                                |                      |
| <b>Level :</b> 3 <sup>rd</sup> Master degree | <b>Title:</b> English Language | <b>Code:</b> 432     |
| <b>Theoretical :</b> 30                      |                                | <b>Practical :</b> - |
| <b>Major or minor element of program</b>     |                                | Major                |
| <b>Department offering the program</b>       |                                | English department   |
| <b>Department offering the course</b>        |                                | Faculty of Nursing   |
| <b>Date of specification approval</b>        |                                | 7/2020               |
| <b>Academic year</b>                         |                                | 2020 –2022           |

|  |  |
|--|--|
| <p>This course provides the candidate with theoretical knowledge &amp; skills in meeting the language demands of their major study, advanced course assignments include writing, speaking, reading tasks for academic and communication purposes, &amp; emphasis is on basic nursing word structure, prefixes, suffixes, combining forms, and pronunciation.</p>   | <p><b>2-Overall Aims of Course</b></p>       |
| <p><b>3-Intended Learning Outcomes of Course (ILOs)</b><br/>by the end of this course the graduate will be able to:</p>  |  |
| <p>A1- Define technical terms and vocabulary related to the reading passages studied.<br/>A2- Identify the uses of Affixes.<br/><br/>A3- Explain the key concept and meaning of reciprocal verbs.<br/>A4- Identify the structure of the passive clauses.<br/>A5- Discuss the different techniques of paragraph development.<br/>A6- Describe the functions of prepositions.<br/>A7- Mention the role of contextual references.</p> | <p><b>a- Knowledge and Understanding</b></p> |

|   |  |
|---|--|
| <p>B1-Use of the English language in their own specialization.<br/> B2- Use technical terms correctly.<br/> B3- Analyze a given text coherently with ease.<br/> B4- Write a paragraph cohesively and coherently.<br/> B5- Solve grammatical and vocabulary puzzles in time.<br/> B6- Apply authentic English materials relevant to the topics discussed.<br/> B7- Write paragraphs developed by techniques, such as cause and effects, examples, etc.</p> | <p><b>b-<br/>Intellectual<br/>Skills</b></p>                   |
| <p><b>Not applicable</b></p>  | <p><b>c-<br/>Professional<br/>and practical<br/>skills</b></p> |

|  |  |
|--|--|
| <p><b>D1- Communication:</b> Communicate relevant and effective ideas, information, and arguments using an appropriate register, style and format.</p> <p><b>D2- IT Skills:</b> Use appropriate computational tools and software to obtain, store or process information electronically and (where required) produce materials in electronic form.</p> <p><b>D3- Problem Solving:</b> Analyze complex data, materials or behavior, using appropriate specialized techniques, formulating and testing research hypotheses, identifying problems and evaluating solution.</p> <p><b>D4-Self Learning:</b> Work autonomously showing organization, self – discipline and time management, responding constructively to feedback and learning new material and techniques.</p> | <p><b>d- General and transferable skills</b></p> |
| <p><b>E1-</b> Appreciates and promotes patient \ client rights to autonomy, respect, Privacy, dignity, and access to information.</p> <p><b>E2-</b> Values her role as a model for less experienced nursing Care Providers and nursing students.</p> <p><b>E3-</b> Respects and encourages the patients participation in decision about health care and services.</p>  | <p><b>E- Attitude</b></p>                        |

**4- Course Contents:**

| weeks | Topic                                       | Theory                         | practical | Total No. of hours | Methods of teaching                          |
|-------|---|--------------------------------|-----------|--------------------|--|
| 1-2-3 | <p><b>Unit one:</b><br/>- Meditation</p>    | <p>2 hrs<br/>2hrs<br/>2hrs</p> |           | 6                  | <p>Group discussion<br/>Blended learning</p> |
| 4-5-6 | <p><b>Unit two:</b><br/>- Comprehension</p> | <p>2 hrs<br/>2hrs<br/>2hrs</p> | -         | 6                  | <p>Lecture<br/>blended learning</p>          |

|           |   |                       |          |           |                                      |
|-----------|---|-----------------------|----------|-----------|--------------------------------------|
| 7-8-9     | <b>Unit three:</b><br>-Reading          | 2 hrs<br>2hrs<br>2hrs | -        | 6         | Group discussion                     |
| 10- 11-12 | <b>Unit four</b><br>- listening         | 2 hrs<br>2hrs<br>2hrs | -        | 6         | Lecture<br>Blended learning          |
| 13-14     | <b>Unit five:</b><br>- Nursing Glossary | 2 hrs<br>2hrs         |          | 4         | Lecture<br>Blended learning          |
| 15        | <b>Unit six:</b><br>- English Grammar   | 2 hrs                 |          | 2         | Group discussion<br>Blended learning |
|           | <b>Total</b>                            | <b>30</b>             | <b>-</b> | <b>30</b> |                                      |
| 16        | Final written exam                      |                       |          |           |                                      |
|           | Oral exam                               |                       |          |           |                                      |

|  |   |
|--|---|
| <p>-A combination of delivery methods are used to facilitate learner and faculty communication including:</p> <p><b>Internet</b><br/>Internet resources are used as an integral part of the instruction.</p> <p><b>Electronic Mail</b><br/>Allows learners to freely interact on an individual or group level with other learners and the instructor.</p> <p><b>-Group discussion</b><br/><b>-Lecture</b><br/><b>-Blended learning</b></p> | <p><b>5-Teaching and learning methods :</b></p> |
|--|---|

|   |   |
|---|---|
| Not applicable  | <b>6-learning methods for special needs</b> |
| Assessment 1: Brainstorming Activity exercise<br>Assessment 2: Practical Application1<br>Assessment 3: Group work written assignment<br>Assessment 4: Internet search assignment  | <b>7-Student Assessment :</b>               |
| <ul style="list-style-type: none"> <li>▪ Attendance</li> <li>▪ Participation</li> <li>▪ Seminars</li> <li>▪ Oral examination</li> <li>▪ Written examination</li> </ul>  | <b>a- Assessment Method</b>                 |
| <p>Score</p> <ul style="list-style-type: none"> <li>▪ oral examination      40</li> <li>▪ Final write exam      60</li> </ul> <p><b>Total                      100</b></p>  | <b>c- Grading system</b>                    |
|   | <b>8- List of References</b>                |
| <b>Not applicable</b>   | <b>A - Course Note</b>                      |
| -   | <b>B-Required Books</b>                     |
| -   | <b>C - Recommend ed Books</b>               |
| <a href="http://www.netplaces.com/new-nurse/why-become-a-nurse/the-nursing-shortage.htm">http://www.netplaces.com/new-nurse/why-become-a-nurse/the-nursing-shortage.htm</a><br><a href="http://www.ehow.com/about_6657303_rural-nursing-theory.html#ixzz1aP3p5c9L">http://www.ehow.com/about_6657303_rural-nursing-theory.html#ixzz1aP3p5c9L</a><br><a href="http://www.ehow.com/about_6657303_rural-nursing-theory.html#ixzz1aP3p5c9L">http://www.ehow.com/about_6657303_rural-nursing-theory.html#ixzz1aP3p5c9L</a><br><a href="http://www.medi-smart.com/nursing-resources/glossary">http://www.medi-smart.com/nursing-resources/glossary</a><br><a href="http://www2.ivcc.edu/rambo/eng1001/sentences.htm">http://www2.ivcc.edu/rambo/eng1001/sentences.htm</a> | <b>D - Periodicals, Web Sites, ...etc</b>   |

**Course Coordinator:**

**Prof .Dr /Mohamed Abd elhady**

**Pediatric Nursing**  
**Knowledge and Skills matrix benefiting from the studied course**  
**(English 3<sup>rd</sup> term) 2020-2022**  
**Code: 432**

| <b>Course Content</b>     | <b>Knowledge</b>     | <b>Intellectual Skills</b> | <b>Professional skills</b> | <b>Transferable and General skills</b> | <b>Attitudes skills</b> |
|---------------------------|----------------------|----------------------------|----------------------------|--|-------------------------|
| - <b>Meditation</b>       | A1-A2-A3-A4-A5-A6-A7 | B1-B2-B3-B4-B5-B6-B7       | -                          | D1-D2-D3-D4                            | E1-E2-E3                |
| - <b>Comprehension</b>    | A1-A2-A3-A4-A5-A6-A7 | B1-B2-B3-B4-B5-B6-B7       | -                          | D1-D2-D3-D4                            | E1-E2-E3                |
| - <b>Reading</b>          | A1-A2-A3-A4-A5-A6-A7 | B1-B2-B3-B4-B5-B6-B7       | -                          | D1-D2-D3-D4                            | E1-E2-E3                |
| - <b>Listening</b>        | A1-A2-A3-A4-A5-A6-A7 | B1-B2-B3-B4-B5-B6-B7       | -                          | D1-D2-D3-D4                            | E1-E2-E3                |
| - <b>Nursing Glossary</b> | A1-A2-A3-A4-A5-A6-A7 | B1-B2-B3-B4-B5-B6-B7       | -                          | D1-D2-D3-D4                            | E1-E2-E3                |
| - <b>English Grammar</b>  | A1-A2-A3-A4-A5-A6-A7 | B1-B2-B3-B4-B5-B6-B7       | -                          | D1-D2-D3-D4                            | E1-E2-E3                |

**Course coordinator**  
**Prof. Dr / Mohamed Abd elhady**

**Date:**

## **Course Specifications Master**

### **1- Basic information**

**Code :** 433

**Title ::** Seminars in Pediatric Nursing

**Level :** 3<sup>rd</sup> Semester

**Theoretical : 60**

**Practical :180**

**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 :** 7/2020

**Academic year :** 2020-2022

**2- Overall Aims of Course:** This course is aiming to provide master student with advanced scientific principles and concepts of pediatric nursing to provide care to children from birth through adolescence and their families during illness, hospitalization and critical events.

### **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 the major impact and stressors of illness and hospitalization of children in the various developmental stages.

A.2. Review the nursing care that minimizes the stressors of children who are ill or hospitalized.

A.3. Describe nursing assessment and interventions related to common laboratory, diagnostic tests and treatments used in the diagnosis and management of different childhood disorders.

A.4. Discuss common health problems of children from birth through adolescence and their nursing management.

A.5. Recognize the importance of infection control in different pediatric sittings.

#### **b- Intellectual Skills**

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

B.1. Locate the nursing interventions required for children in the specific units or situations in the hospital.

B.2. Design nursing care plans and case studies for different diagnosis of common health problems that affect children from birth to adolescence

B.3. Develop general and specific nursing management according to the child health condition

B.4. Plan nursing management of children experiencing emergencies or critical illness.

**c- Professional and practical skills**

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

- C.1. Utilize nursing process to manage a high risk newborn
- C.2. Provide comprehensive care to children with various health disorders.
- C.3. Provide patient/family teaching plans for children with various disorders at different developmental stages.
- C.4. Use appropriate safety measures when caring for children of all ages.
- C.5. Use appropriate infection control measures at different pediatric settings

**d- General and transferable skills**

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

- D.1. Adopt self-learning and continuous self-evaluation
- D.2. Enhance working with a team spirit and lead effectively.
- D.3. Communicate effectively and ethically with pediatric client, his family and health team members.
- D.4. Use computer skills to implement course requirements

**e- Attitude**

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

- e1- Protects and promotes patient/ client rights to autonomy, respect, privacy, and dignity
- e2- Acts as a role model and mentor for less experienced nursing care providers and nursing students.
- e3- Communicates with patient / client with a respect for different values, cultures intellectual levels and emotional state.

**4- Course Contents:**

| Week | Topic   | No. of hours |           | Total |
|------|---|--------------|-----------|-------|
|      |   | Lecture      | Practical |       |
| 1    | Nursing Care of Children During Illness and Hospitalization | 4            | 12        | 16    |
| 2-3  | Health problems of the newborn                              | 8            | 24        | 32    |
| 4    | Nursing care plan of high risk                              | 4            | 12        | 16    |

|       |   |    |     |     |
|-------|---|----|-----|-----|
|       | newborn   |    |     |     |
| 5-6   | Health problems of infant                                       | 8  | 24  | 32  |
| 7-8   | Health problems of toddlers and preschoolers                    | 8  | 24  | 32  |
| 9-10  | Health problems of middle childhood children (school age child) | 8  | 24  | 32  |
| 11    | Health problems of late childhood children (adolescents)        | 4  | 12  | 16  |
| 12-13 | Infection control in different pediatric settings               | 8  | 24  | 32  |
| 14-15 | Nursing Management of Critically ill Children                   | 8  | 24  | 22  |
|       | Total   | 60 | 180 | 240 |

### 5- Teaching and learning methods:

- 5.1 Brainstorming
- 5.2 Seminars
- 5.3 Interactive lectures
- 5.4 Self- learning
- 5.5 Blended learning & online learning
- 5.6 Laboratory training

### 6- Student Assessment :

#### A- Assessment Method

- Final Written examination.
- Oral examination.
- Practical/laboratory work

#### B- Time Schedule

- Clinical area evaluation after each clinical area
- Self learning during semester work.

- Final exam: at 16 weeks.
- Oral exam: at the end of the semester.

### C- Grading system

|                             | Score | %   |
|-----------------------------|-------|-----|
| - Final Written examination | 120   | 40  |
| - Oral examination          | 60    | 20  |
| - Semester work             | 120   | 40  |
| - Total                     | 300   | 100 |

### 7- List of References

#### A - Course Note Not applicable

#### B - Required Books (Text Books)

1. Bowden VR.& Greenbery CS.(2018): Pediatric Nursing Procedures, 3<sup>rd</sup> ed. Walters Kluwer Health | Lippincott Williams and Wilkins Co., Baltimore.
2. Barker AM.(2019): Advanced Practice Nursing, Essential Knowledge for the Profession. Jones and Bartlett, NewYork.
3. Kyle T (2018): Essentials of Pediatric Nursing. Wolters Kluwer Health | Lippincott Williams & Wilkins Co., Baltimore.
4. Hokenberry MJ & Wilson D (2016): Wong's Nursing Care of Infants and Children, 7th ed. Mosby Elsevier Co., Baltimore.
5. Hokenberry MJ & Wilson D (2017): Wong's Essentials of Pediatric Nursing, 8th ed., Mosby Elsevier Co., Baltimore.

#### C - Recommended Books

1. Potts NL & Mandleco BL(Eds.) (2020), Pediatric Nursing: Caring for Children and Their Families, 3<sup>rd</sup> ed. Delmar Cengage Learning Co., Canada.
2. Pillitteri A (2019): Maternal and Child Health Nursing: Care of the Childbearing and Childrearing Family, 6<sup>th</sup> ed. Lippincott Williams & Wilkins a Wolters Kluwer business Co., Philadelphia.
3. Ashwill J, Murray SS, James SR & McKinney ES (2019): Maternal-Child Nursing, 3<sup>rd</sup> ed. Saunders Elsevier Co., Canada.
4. James SR & Ashwill JW (2017): Nursing Care of Children Principles & Practice, 3<sup>rd</sup> ed. Saunders Elsevier Co., Canada.

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

12. Nursing Children and Young People: -  
<http://nursingchildrenandyoungpeople.rcnpublishing.co.uk/>
13. Society of Pediatric Nurses: - <http://www.pedsnurses.org/>

14. Pediatric Nursing Journal:

15. American Academy of Pediatrics [www.aap.org](http://www.aap.org)

16. Children First for Health [www.childrenfirst.nhs.uk/](http://www.childrenfirst.nhs.uk/)

17. The Children's Heart Institute

[www.childrenheartinstitute.org/educate/eduhome.htm](http://www.childrenheartinstitute.org/educate/eduhome.htm)

ChildStats.gov <http://childstats.gov>

### **8- Facilities required for teaching and learning**

Course Coordinator: Prof. Amal Mohamed Mohamed El-Dakhakhny

Head of Department Prof. Amal Mohamed Mohamed El-Dakhakhny

Date:    /    /

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

|             |                                    |
|-------------|------------------------------------|
| Course name | : Seminars in pediatric<br>Nursing |
| Course code | 433                                |

| Content of Course   | Knowledge | Intellectual Skills | Professional skills | General skills    | Attitude    |
|---|-----------|---------------------|---------------------|-------------------|-------------|
| Unit I<br>Nursing Care of<br>Children During Illness<br>and Hospitalization         | A1,A2     |                     |                     | D1, D2, D3,<br>D4 | E1., E2.,E3 |
| Unit II<br>Health problems of the<br>newborn  | A3, A4    |                     | C2, C3, C4          | D1, D2, D3,<br>D4 | E1., E2.,E3 |
| Unit III<br>Nursing care plan of high<br>risk newborn                               | A4,A3     | B3, B2              | B1                  | D1, D2, D3,<br>D4 | E1., E2.,E3 |
| Unit IV<br>Health problems of<br>infant   | A4,A3     | B3, B2              | B3, B2              | D1, D2, D3,<br>D4 | E1., E2.,E3 |
| Unit V<br>Health problems of<br>toddlers and preschoolers                           | A4,A3     | B3, B2              | C2, C3, C4          | D1, D2, D3,<br>D4 | E1., E2.,E3 |
| Unit VI<br>Health problems of<br>middle childhood<br>children (school age<br>child) | A4,A3     | B3, B2              | C2, C3, C4          | D1, D2, D3,<br>D4 | E1., E2.,E3 |
| Unit VII<br>Health problems of late<br>childhood children<br>(adolescents)          | A4,A3     | B3, B2              | C2, C3, C4          | D1, D2, D3,<br>D4 | E1., E2.,E3 |
| Unit VIII<br>Infection control in<br>different pediatric<br>settings                | A5        |                     | C5                  | D1, D2, D3,<br>D4 | E1., E2.,E3 |
| Unit IX<br>Nursing Management of<br>Critically ill Children                         |           | B4                  | C4                  | D1, D2, D3,<br>D4 | E1., E2.,E3 |
| Example of Proposal   |           |                     |                     | D1                |             |

Course Coordinator: Prof. Amal Mohamed El-Dakhakhny

