

**University:** Mansoura

**Faculty:** Nursing

**Program:** Doctoral degree in Nursing

**Department:** Gerontological Nursing

## Course specifications

### 1-Basic Information

<b>Code:</b> DS1	<b>Course Title:</b> Seminars in basic medical science ندوات في العلوم الاساسية والطبية التي لها علاقة بفرع التخصص	<b>year/level:</b> : Doctoral in Nursing 2013/2014
<b>Hours: Theory 48/ h</b>		

### 2-Course Objective:

This course will provide knowledge and skills of gerontological nursing that are necessary to achieve highest standards of nursing quality in a variety of health care settings, through identifying common health problem among elderly, improve evidence-based nursing practice, and benefit the health of elders in different settings.

### 3- Intended learning Outcomes (ILOs):

<b>A-Knowledge and Understanding:</b>	<p>A1- Differentiate age-related changes in different systems of the body from pathological changes causing illness</p> <p>A2- discuss the most common diseases related to aging in each of the body system.</p> <p>A3- Describe the etiology and mechanism of common medical diseases in elderly patients.</p> <p>A4- Describe the clinical symptoms and signs, and complications of the common medical problems conditions in elderly patients.</p> <p>A5- Recognize different modalities of investigations used for diagnosis of diseases.</p> <p>A6- Describe the main line of treatment for a</p>
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	<p>given diagnosis (pharmacological and non pharmacological).</p> <p>A7- explain the basic ethics of nursing practice.</p>
<b>B-Intellectual Skills:</b>	<p>B1-Analyze the elderly condition (physical, Psychological &amp; Social).</p> <p>B2- Use problem solving clinical skill to make decisions regarding the common clinical situations.</p> <p>B3- Use evidence based nursing in solving clinical problems.</p> <p>B4- Formulate appropriate nursing management plan for individual patients presenting with common medical diseases and emergencies in geriatric patients.</p> <p>B5- Combine clinical and investigational data with evidence-based knowledge for clinical problem solving</p>
<b>C-Professional Skills:</b>	<p>C1- Perform comprehensive geriatric assessment for elderly person with common medical diseases in old age.</p> <p>C2- Practice basics of health and patient's safety and safety procedures during nursing procedures.</p> <p>C3- Safely perform routine diagnostic and therapeutic nursing procedures.</p> <p>C4- Record a structured patient-centered history, appropriate depth and detail, relative to the clinical context.</p> <p>C5- Construct appropriate nursing management strategies both diagnostic and therapeutic for elderly patients with common acute and chronic diseases.</p>
<b>D-General and Transferable:</b>	<p>D1- Respect patients' rights, privacy and confidentiality.</p> <p>D2- Communicate clearly, sensitively and effectively with patients and their care givers, regardless of their social, cultural or ethnic background.</p>

D3- Respect superiors, colleagues and any other members of the health profession.

D4- Communicate ideas and arguments effectively.

D5- Communicate accurately, clearly, confidently and effectively in written and oral forms with other health care professional.

D6- Gather, organize and appraise the medical information including the use of information technology where applicable.

D7- Be prepared for the lifelong learning needs in academic and gerontological nursing practice.

D8- Use available resources and set priorities according to needs.

D9- Practice self and peer evaluation.

D10- Work effectively within a multidisciplinary team

D11- Work constructively and cooperatively within a team.

D12- Manage time and scientific meeting effectively

#### **4- Course Content:**

1. Cardiovascular system:
  - Ischemic heart disease
  - Cardiomyopathy
  - Hypertension
  - Infective endocarditis
  - Heart failure
  - Pulmonary embolism
2. Musculoskeletal system:
  - Polymyglia rheumatic
  - Gaint cell arthritis
  - Osteoarthritis
  - osteoporosis
  - Rheumatoid arthritis
3. Endocrine system:
  - Diabetes mellitus

<ul style="list-style-type: none"> <li>• Hyperthyroidism and hypothyroidism</li> </ul> <p>4. Urinary system:</p> <ul style="list-style-type: none"> <li>• Urinary incontinence</li> </ul> <p>5. Neurological system</p> <ul style="list-style-type: none"> <li>• Stroke</li> <li>• Parkinson's disease</li> <li>• Dementia and Alzheimer disease</li> </ul>													
<p><b>5- Teaching and learning Methods:</b></p> <ul style="list-style-type: none"> <li>• Interactive lectures.</li> <li>• Group discussion</li> <li>• Brain storming</li> <li>• Case study</li> <li>• Problem-based learning</li> </ul>													
<p><b>6- Teaching and learning Methods of Students with Special need:</b> Not applicable</p>													
<p><b>7- Student Assessment Methods:</b></p>													
<b>A- Assessment Methods</b>	<ul style="list-style-type: none"> <li>- Written Comprehensive Doctorate Exam</li> <li>- Oral exam</li> <li>- Clinical Exam</li> </ul>												
<b>B-Schedule</b>	- Written, oral& clinical exam: Within the period of 2-5 years after registration for PhD degree at the end of May & November yearly.												
<b>C- Weighting of Assessments</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">- Written Exam</td> <td style="width: 20%;">200 grades</td> <td style="width: 20%;">66.66%</td> </tr> <tr> <td>- Oral Exam</td> <td>50 grades</td> <td>16.66%</td> </tr> <tr> <td>- Clinical Exam</td> <td>50 grades</td> <td>16.66%</td> </tr> <tr> <td><b>Total</b></td> <td><b>300 grades</b></td> <td><b>100%</b></td> </tr> </table>	- Written Exam	200 grades	66.66%	- Oral Exam	50 grades	16.66%	- Clinical Exam	50 grades	16.66%	<b>Total</b>	<b>300 grades</b>	<b>100%</b>
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<b>Total</b>	<b>300 grades</b>	<b>100%</b>											
<p><b>8- List of references:</b></p>													
<b>A- Compulsory Books</b>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>												

**B-Recommended Books**

- Armour D and Cairns C (2002): Medicines in the Elderly. London: Pharmaceutical Press Company.
- Cahill M (1997): Mastering Geriatric Care. Pennsylvania: Springhouse Corporation Company.
- Burke MM and Laramie JA (2004): Primary Care of the Older Adult: a multidisciplinary approach. USA: Mosby Company.
- Cress C (2007): Handbook of Geriatric Care Management (2nd ed.). Boston: Jones and Bartlett Publishers.
- Duthie EH and Katz PR (1998): Practice of Geriatrics (3rd ed.). London: W.B Saunders Company.
- Halter JP, Studenski S, Ouslander J, et al. (2012): Hazzard's Geriatric Medicine and Gerontology (6th ed.). New York: McGraw Hill Company.
- Haslett C, Chilvers E, Boon N, et al. (2002): Principles and Practice of Medicine (9th ed.). New York: Churchill Livingstone Company.
- Kemp B, Brummel-Smith K, and Ramsdell JW (1990): Geriatric Rehabilitation. Boston: A college-Hill Publication Company.
- Landefeld CS, Palmer RM, Johnson MA, et al. (2004): Current Geriatric Diagnosis and Treatment. New York: McGraw Hill Company.
- Meldon SW, Ma OJ, and Woolard RH (2004): Geriatric Emergency Medicine. New York: McGraw-Hill Company.
- Touhy TA and Jett KF (2010): Ebersole& Hess' Gerontological Nursing and Healthy Aging (3rd ed.). Canada: Mosby Company.
- Wold GH (2004): Basic Geriatric Nursing (3rd ed.). USA: Mosby Company.
- Palmer R, Johnson M (2004): Current Geriatric Diagnosis and Treatment.

<b>C-Periodicals, web sites,...etc</b>	<a href="http://www.hopkinsmedicine.org/geriatric_medicine_gerontology/">http://www.hopkinsmedicine.org/geriatric_medicine_gerontology/</a> <a href="http://geriatric.theclinics.com/">http://geriatric.theclinics.com/</a> <a href="http://www.eugms.org/">http://www.eugms.org/</a> <a href="http://www.geriatric-medicine.org/">http://www.geriatric-medicine.org/</a> <a href="http://my.clevelandclinic.org/medicine-institute/geriatric-medicine/default.aspx">http://my.clevelandclinic.org/medicine-institute/geriatric-medicine/default.aspx</a>
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**Head of Department: Prof. Dr. Karima El Shamy**

**Course Coordinator: Dr. Nadia Hasan**

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