



**Zagazig University
Faculty of Nursing
Gerontological Nursing Department**



Course Specification for Doctorate Degree in Gerontological Nursing

First term:

1. Seminars in issues and recent trends in Gerontological nursing.
2. Gerontological nursing seminars in the area of general
3. Gerontological nursing seminars in the area of specific

Second term:

1. Gerontological nursing seminars in the area of general
2. Gerontological nursing seminars in the area of specific

**Faculty of Nursing
Zagazig University
2020/ 2022**

Course specification of First term courses:

1. Seminars in issues and recent trends in Gerontological nursing.
2. Gerontological nursing seminars in the area of general
3. Gerontological nursing seminars in the area of specific

Course Specification

(Seminars in issues and recent trends in Gerontological nursing (PHD 1st))

1- Basic information

Code : 493

Seminars in issues and recent trends in Gerontological nursing (PHD 1st term) **Level** : Doctorate 1st semester

Credit hours : 0

Theoretical :48**Practical : --**

Program(s) on which the course is given	: Doctorate Program (Gerontological nursing)
Major or minor element of program	: Major
Department offering the program	: Gerontological nursing Department
Department offering the course	: Gerontological nursing Department
Date of specification approval	: 2016/2017
Academic year	: 2020-2022

2- Overall Aims of Course:

This course provides the candidate with recent issues and new trends of gerontological nursing to intervene effectively with common and various health problems of older adults in different community settings

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. Discuss the health and health system models.
- A.2. Discuss Evidence-based guidelines for gerontological nursing.
- A.3. Discuss ethical issues that nurses commonly address when caring for older adults
- A.4. Identify cultural aspects and role of nurses regarding of legal and ethical issues.
- A.5. Explain different types of Complementary and alternative therapies
- A.6. Discuss complementary therapy for elderly
- A.7. Explain prevention and management of Iatrogenesis among older adults
- A.8. Explain how elderly benefit from the blinding learning.
- A.9. Describe barriers to teaching older adults.
- A.10. Identify evidence based practice for gerontological nursing
- A.11. Discuss Nursing role in clinical pathway
- A.12. Discuss Theories of aging.
- A.13. Explain The improvements that needed in the area of gerontology
- A.14. Describe the role of nurses in current system models to guide care of elderly.

b- Intellectual Skills

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

- B.1. Utilize and use resources for evidence-based health promotion programs for older adults.
- B.2. Utilize resources for improving competence in care of older adults.
- B.3. Employ the role of gerontological nurse in solving elderly health problems in different health care settings.

- B.4. Interpret research findings data in order to provide information that would benefit in caring of older adults in different settings.
- B.5. Select the areas of evidence based research and conduct a scientific research and other scholarly activity about one of the problem in the field of gerontological nursing
- B.6. Utilize critical thinking to provide comprehensive and continues nursing care to elderly.
- B.7. Apply the nursing theory and research applications in gerontological nursing.
- B.8. Apply the health promotion models in caring for elders

c- Professional and practical skills

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

- C.1. Incorporate evidence based nursing to promote health and wellness of older adults
- C.2. Apply nursing interventions to promote health and wellness of older adults.
- C.3. Implement standardized protocols, and guidelines when providing nursing care for elderly, and document judgment of decisions and actions.
- C.4. Use reasoning and problem solving skills in prioritizing actions, and care provided for elderly.
- C.5. Practice nursing according to ethical and professional standards.
- C.6. Use professional guidelines and evidence-based standards in planning and delivering safe, quality care to older adults
- C.7. Document and report the outcomes of nursing care and other interventions
- C.8. Use information and technology in planning and delivering safe, quality care to older adults

d- General and transferable skills

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

- D.1. Utilize interpersonal skills to communicate effectively.
- D.2. Demonstrate leadership ability in conducting and managing the scientific seminars.
- D.3. Demonstrate effective communication with older adults and their families at different setting.
- D.4. Work productively in a team
- D.5. Manage effectively time, resources and set priorities
- D.6. Apply problem solving skills at different situation faced at different clinical Setting.
- D.7. Search effectively in websites relevant to certain subjects.

E- Attitude

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

- E1-Appreciate and promote elderly patient/ client rights to autonomy, respect, privacy, and dignity, and access to information.
- E2-Value his/her role as a model for less experienced nursing students.
- E3-Respect and encourage the patients' participations in decision about health care and services.

4- Course Contents:

Weeks	Topics	No. of hours	
		Lecture 48 hours	practical 0 hours
1 2	Unit 1:		
	➤ Roles and Competence of Gerontological Nursing	3	-
	➤ Complementary and alternative Therapies	6	-
3	Unit 2:		
	➤ Iatrogenesis	6	-
4	➤ Tele-Nursing	6	-
5-6 7-8	Unit 3:		
	➤ Nanotechnology	7	-
	➤ Clinical Pathway	6	-
9-10-11 12-13- 14 15-16	Unit 4:		
	➤ Evidence Based Practice	6	-
	➤ Global Models of Health Care System	2	-
	➤ Blended Learning	6	-
17	Final written Exam		

5- Teaching and learning methods :

- 5.1 Lecture
- 5.2 Group discussion
- 5.3 Semester work (Self learning via research papers presentation, report writing)
Online method (zoom meeting- google class room)

6- Student Assessment :

A- Assessment Method

- A.1 Class presentation
- A.2 Semester work

A.3 Final written Examination

B- Time Schedule

class presentations	Week : through semester
Semester work	Week : through semester
Final written Exam	Week : 17

C- Grading system

Class presentations	-
Semester work	%20
Oral Examination	-
Final - term Examination	% 80

7- List of References

A - Course Note: Handouts: prepared by the candidate doctorate degree of the course.

B -Required Books: **Coll, Patrick. (2019).** Healthy Aging: A Complete Guide to Clinical Management. Springer International Publishing.

Touhy, T. A., Jett, K. F., Boscart, V., & McCleary, L. (2018). Ebersole and Hess' Gerontological Nursing and Healthy Aging in Canada-E-Book. Elsevier Health Sciences.

Akhtar, S and Rosenbaum, S. (2018). Principles of Geriatric Critical Care. Cambridge University Press

C-Recommended Books: **Dunning, T. (2018).**The Art and Science of Personalising Care with Older People with Diabetes. Springer
Rizzo, M(2018) The Wiley Handbook on the Aging Mind and Brain. John Wiley & Sons

D-Periodicals, ✓ American Journal of Geriatric Nursing
Web Sites, ...etc ✓ Archives of Gerontology and Geriatrics
✓ Journal of the American Geriatrics Society
✓ Nursing research.
✓ WWW.medscape.com
✓ www.pubmed.com
✓ www.nursingcenter.com

8- Facilities required for teaching and learning

Computer and data show.

Course Coordinator: Prof. Eman Shokry Abd Allah

Head of Department Prof. Eman Shokry Abd Allah

Date: / /

Array of knowledge and skills of (Seminars in issues and recent trends in Gerontological nursing (PHD 1st))

Course content	Knowledge	Intellectual Skills	Professional skills	General skills	Attitude	Teaching and learning methods
Unit 1: 1. Roles of Gerontological Nursing 2. Competence of Gerontological Nursing	A1 A2	B1 B2	C1 C3	D1 D2	-----	• Lecture, Class presentation online method
Unit 2: 3. Iatrogenesis 4. Tele-Nursing	A3 A4 A5	B4 B5 B6	C4 C5 C6	D3 D4	E1,E2	• Course paper/ • Project • Online method
Unit 3: 5. Nanotechnology 6. Clinical Pathway	A6 A7	B7 B8	C6 C7	D5 D6	E1,E2, E3	• Case studies • Role plays • practical training • online method
Unit 4: 7. Evidence Based Practice 8. Global Models of Health Care System 9. Blended Learning	A8 A9 A10	B9	C8	D7	E1,E2, E3	• Case studies • Role plays • Online method

Course Specification

Nursing seminars in the area of general specialty (Gerontological nursing), (PHD 1st)

1- Basic information

Code: 494	Nursing seminars in the area of general specialty (Gerontological nursing), (PHD 1 st term)	Level : Doctorate 1 st semester
Credit hours : 0	Theoretical :48	Practical : --
Program(s) on which the course is given	: Doctorate Program (Gerontological nursing)	
Major or minor element of program	: Major	
Department offering the program	: Gerontological nursing Department	
Department offering the course	: Gerontological nursing Department	
Date of specification approval	: 2016/ 2017	
Academic year	: 2020-2022	

2- Overall Aims of Course:

This course aims to apply the knowledge and skills of gerontological nursing in providing high quality of care to older adults in different community settings. Also this course prepares the candidate to design, implement, and evaluate of health programs for elderly individual, family & community

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. | Explain professional and clinical standards of gerontological nursing |
| A.2. | Identify appropriate nursing interventions to address symptoms commonly experienced by older adults at the end of life. |
| A.3. | Explain the common problems at the end of life. |
| A.4. | Discuss the palliative care. |
| A.5. | Identify Types and Examples of sleep disorders Interventions for Older Adult |
| A.6. | Identify different methods of pain Management |
| A.7. | Describe the nursing role toward the frail elderly |
| A.8. | Discuss the range of nursing and legal interventions directed toward preventing and alleviating elder abuse. |

- A.9. Describe the nurse's opportunities for interventions for elder violence in different practice settings.

b- Intellectual Skills

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

- B.1. Utilize resources for evidence-based palliative programs for older adults.
- B.2. Formulate interventions for addressing insomnia-related behaviors, including environmental modifications and relaxation techniques.
- B.3. Formulate palliative programs and interventions that are pertinent to older adults.
- B.4. Formulate nursing interventions to promote health and wellness of older adults.

c- Professional and practical skills

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

- C.1. Apply the nursing interventions for sleep disorders in elderly
- C.2. Apply the procedure of a nursing assessment of the pain of older adults
- C.3. Implement standardized protocols, and guidelines when providing nursing care for elderly, and document judgment of decisions and actions.
- C.4. Examine risk factors that cause or contribute to insomnia in older adults.

d- General and transferable skills

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

- D.1. Utilize interpersonal skills to communicate effectively.
- D.2. Communicate patients' values preferences and experienced needs to other members of health care team.
- D.3. Demonstrate effective communication with older adults and their families at different setting.
- D.4. Work productively in a team
- D.5. Manage effectively time, resources and set priorities
- D.6. Apply problem solving skills at different situation faced at different clinical Setting.
- D.7. Search effectively in websites relevant to certain subjects.

E- Attitude

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

- E1-Appreciate and promote elderly patient/ client rights to autonomy, respect, privacy, and dignity, and access to information.
- E2-Value his/her role as a model for less experienced nursing students.
- E3-Respect and encourage the patients' participations in decision about health care and services.

4- Course Contents:

Weeks	Topics	No. of hours	
		Lecture 48 hours	practical 0 hours
1 2 3 4	Unit 1: • Pain management	9	- -
5 6 7	Unit 2: • Sleep disorders	9	- - -
8 9 10	Unit 3: • Frailty	9	- -
11 12 13	Unit 4: • Violence and Elderly mistreatment	9	
14 15 16	Unit 5: • End of life care • Ethical and Legal Issues of Rehabilitation in Geriatrics	6 6	
17	Final written Exam		

5- Teaching and learning methods :

- 5.1 Lecture
- 5.2 Group discussion
- 5.3 Semester work (Self learning via research papers presentation, report writing)
Online method (zoom meeting- google class room)

6- Student Assessment :

A- Assessment Method

- A.1 Class presentation
- A.2 Semester work
- A.3 Final written examination

B- Time Schedule

class presentations	Week : through semester
Semester work	Week : through semester
Final written Examination	Week : 17

C- Grading system

Class presentations	-
Semester work	% 20
Oral Examination	-
Final - term Examination	% 80

7- List of References

A - Course Note: Handouts: prepared by the candidate doctorate degree of the course.

B -Required Books:

- **Wilson Abreu and Margarida Abreu (2020).** Current Perspectives on Frailty in the Elderly, Evaluation Tools and Care Pathways, Frailty in the Elderly - Understanding and Managing Complexity, Sara Palermo, IntechOpen, DOI: 10.5772/intechopen.92281. Available from: <https://www.intechopen.com/books/frailty-in-the-elderly-understanding-and-managing-complexity/current-perspectives-on-frailty-in-the-elderly-evaluation-tools-and-care-pathways>
- **Laura L. Swisher, Charlotte Brasic Royeen. (2019).** Rehabilitation Ethics for Interprofessional Practice. Pearson Prentice Hall: Toronto.
- **Jean-Pierre, M., Beattie, B. L., Martin, F. C., & Walston, J. D. (Eds.). (2018).** Oxford textbook of geriatric medicine. Oxford University Press.

Higgs,p and Gilleard, C. (2017). Ageing, Dementia and the Social Mind. John Wiley & Sons

C-Recommended Books:

- **Yennurajalingam, S., and Bruera, E. (2016).** Oxford American Handbook of Hospice and Palliative Medicine and Supportive Care. Oxford University Press
- **Wasserman, M and Riopelle, J. (2017).** Primary Care for Older Adults: Models and Challenges. Springer

D-Periodicals,
Web Sites, ...etc

- ✓ American Journal of Geriatric Nursing
- ✓ Archives of Gerontology and Geriatrics
- ✓ Journal of the American Geriatrics Society
- ✓ Nursing research.
- ✓ Alzheimer's Association
- ✓ Alzheimer's Disease Education and Referral (ADEAR) Center
- ✓ Alzheimer's Society of Canada
- ✓ Dementia Advocacy and Support Network (DASN) International

- ✓ Family Caregiver Alliance
- ✓ National Institute on Aging (NIA)
- ✓ National Institute of Neurological Disorders and Stroke

8- Facilities required for teaching and learning

Computer and data show.

Course Coordinator: Prof. Eman Shokry Abd Allah
 Prof. Salwa Abbas

Head of Department Prof. Eman Shokry Abd Allah
Date: / /

**Array of knowledge and skills of Nursing seminars in the area of
general specialty (Gerontological nursing), (PHD 1st)**

Course content	Knowledge	Intellectual Skills	Professional skills	General skills	Attitude	Teaching and learning methods
Unit 1: <ul style="list-style-type: none"> Pain management in elderly Ethical and Legal Issues of Rehabilitation in Geriatrics 	A1 A2 A3	B1 B2 B3	C1 C2 C3	D1 D2	E1,E2	Discussion/d ebates
Unit 2: <ul style="list-style-type: none"> Sleep disorders Frailty Violence & elderly mistreatment 	A5 A6 A7 A8	B4 B5 B6	C4 C5 C6	D3 D4 D5	E1, E2, E3	practical training; Demonstratio n method
Unit 3: <ul style="list-style-type: none"> Palliative Care & Hospice Care 	A9 A10 A11 A12	B7 B8	C7 C8 C9	D6 D7	E1, E2, E3	Lecture, seminar, Collaborative work;

Program Coordinator:

Prof Dr/ Eman shokry Abd Allah

Signature:

Date: / /

Course Specification

Nursing seminars in the area of specific specialty (Gerontological nursing), (PHD 1st)

1- Basic information

Code: 495

Nursing seminars in the area of specific specialty (Gerontological nursing), (PHD 1st term) **Level :** Doctorate 1st semester

Credit hours : 0

Theoretical :48

Practical : --

Program(s) on which the course is given : Doctorate Program (Gerontological nursing)

Major or minor element of program : Major

Department offering the program : Gerontological nursing Department

Department offering the course : Internal Medicine Department

Date of specification approval : 2016/2017

Academic year : 2020-2022

2- Overall Aims of Course:

This course provides the candidate with knowledge and skills of gerontological nursing in order to be able to intervene effectively with common and various health problems of older adults in different community settings.

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. List age-related changes and risk factors that contribute to constipation in older adults.
- A.2. Discuss the Adverse Effects of Antihypertensive Agents in older adults.
- A.3. Explain interventions directed toward management of hypertension and diabetes in the elderly.
- A.4. List age-related changes that affect digestive system.
- A.5. Explain upper GIT bleeding
- A.6. Explain prevention of coronary artery diseases
- A.7. Identify risk factors of DKA
- A.8. Discuss Gastro esophageal reflux disease (GERD) in older adults
- A.9. Discuss diverticulitis in the elderly.
- A.10. Identify risk factors that affect the digestion and nutrition of older adults.
- A.11. Explain the effects of age-related changes and risk factors on digestion and nutrition.
- A.12. Discuss common infections affecting elderly

b- Intellectual Skills

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

- B.1. Provide priority based nursing care of geriatric patients through independent and collaborative application of the nursing process.
- B.2. Differentiate between angina and MI
- B.3. Discriminate risk factors that increase the risk of pneumonia of older adults.
- B.4. Differentiate between upper and lower GI bleeding

- B.5. Select interventions to improve respiratory function and reduce risk factors that interfere with respiratory wellness.
- B.6. Exercise critical thinking and clinical reasoning when providing nursing intervention for nutritional problem.
- B.7. Differentiate between pneumonia and T.B

c- Professional and practical skills

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

- C.1. Examine age-related changes and risk factors that affect digestion.
- C.2. Assess aspects of nutrition, digestion, behaviors that affect eating and food preparation, and oral care pertinent to care of older adults.
- C.3. Assess respiratory function in older adults, and recognize normal and pathologic respiratory changes.

General and transferable skills

d- By the completion of the course the student should be able to

- D.1. Utilize interpersonal skills to communicate effectively.
- D.2. Demonstrate effective use of technology and standardized practice that support safe practice
- D.3. Search effectively in websites relevant to certain subjects.
- D.4. Work productively in a team
- D.5. Locate evidence reports related to clinical practice topics and guidelines with appropriate database.

E- Attitude

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

- E1-Appreciate and promote elderly patient/ client rights to autonomy, respect, privacy, and dignity, and access to information.
- E2-Value his/her role as a model for less experienced nursing students.
- E3-Respect and encourage the patients' participations in decision about health care and services.

4- Course Contents:

Weeks	Topics	No. of hours	
		Lecture 48 hours	practical 0 hours
1-2	Unit 1: ➤ Aging digestive tract	8	---

2-3 4-5	Unit 2: ➤ GIT bleeding	6	---
6-7 8-9	Unit 3: ➤ Common-Infections-in-Elderly ➤ Prevention-of-infection-in-older-adults	6 6	
10-11 12-13	Unit 4: ➤ HTN ➤ DKA	6	---
14-15	Unit 5: ➤ Coronary heart disease	8	---
16	Unit 6: ➤ Tuberculosis	8	---
17	Final written Exam		

5- Teaching and learning methods :

- 5.1 Lecture
5.2 Group discussion
5.3 Semester work (Self learning via research papers presentation, report writing)
Online method (zoom meeting- google class room)

6- Student Assessment :

A- Assessment Method

- A.1 Class presentation
A.2 Semester work
A.3 Final term Examination

B- Time Schedule

class presentations	Week : through semester
Semester work	Week : through semester
Final written Examination	Week : 17

C- Grading system

Class presentations	-
Semester work	% 20
Oral Examination	-
Final - term Examination	% 80

7- List of References

A - Course Note: Handouts: prepared by the candidate doctorate degree of the course.

B -Required Books and

journal:
Fathalizadeh, A., & Leung, P. S. (2021). Gastrointestinal Bleeding. *Mount Sinai Expert Guides: Critical Care*, 309-320.

Welch, C. (2020). Growing research in geriatric medicine: a trainee

perspective. *Age and ageing*, 49(5), 733-737.

Yennurajalingam, S., and Bruera, E. (2016). Oxford American Handbook of Hospice and Palliative Medicine and Supportive Care. Oxford University Press

Gray-Miceli, D. (2008). Preventing falls in acute care. In E. Capezuti, D. Zwicker, M. Mezey, & T. Fulmer (Eds.), *Evidence-based geriatric nursing protocols for best practice* (3rd ed., pp. 57–82, 161–198). New York: Springer Publishing Co.

Poduri, K. (2017). *Geriatric Rehabilitation: From Bedside to Curbside*. CRC Press

Skidmore-Roth, L. (2018). *Mosby's 2019 Nursing Drug Reference E-Book*. Elsevier Health Sciences..

C-Recommended
Books:

Allen, S. R., & Kaplan, L. J. (2018). *Geriatric Critical Care Units: Model for Interdisciplinary Approach*. Principles of Geriatric Critical Care.

Jean-Pierre, M., Beattie, B. L., Martin, F. C., & Walston, J. D. (Eds.). (2018). Oxford textbook of geriatric medicine. Oxford University Press.

D-Periodicals,
Sites, ...etc

Web ✓ American Journal of Geriatric Nursing
✓ Archives of Gerontology and Geriatrics
✓ Journal of the American Geriatrics Society
✓ Fall Prevention Center of Excellence
✓ National Arthritis and Musculoskeletal and Skin Diseases
✓ National Institute on Aging (NIA)
✓ National Resource Center for Safe Aging

8- Facilities required for teaching and learning

Computer and data show.

**Array of knowledge and skills of Nursing seminars in the area
specific specialty (Gerontological nursing), (PHD 1st)**

Course content	Knowledge	Intellectual Skills	Professional skills	General skills	Attitude	Teaching and learning methods
➤ Aging digestive tract	A1 A2 A3	B1 B2	C1 C2	D1 D2	E1	Lecture,
➤ GIT bleeding	A4 A5 A6 A7	B3 B4	C3 C4	D1 D2	E1, E2	seminar, Collaborative work;
➤ Common-Infections-in-Elderly ➤ Prevention-of-infection-in-older-adults	A8 A9 A10	B4 B5	C3 C4	D1 D2	E1, E2, E3	Course paper/project; Brain storming
➤ Coronary heart disease	A13 A14	B6 B7	C4 C5	D4 D5	E1,E2	Discussion/ debates
➤ Tuberculosis	A15 A16	B6 B7	C4 C5	D5 D6	E1,E2	Lecture, seminar

Program Coordinator:
Prof Dr/ Prof. Maysaa AbdAlla

Signature:

Date : / /

Course specification of Second term courses:

1. Gerontological nursing seminars in the area of general
2. Gerontological nursing seminars in the area of specific

Course Specification

Nursing seminars in the area of general specialty (Gerontological nursing), (PHD 2nd term)

1- Basic information

Code : 474

Nursing seminars in the area of general specialty (Gerontological nursing), (PHD 2nd term) **Level** : Doctorate 2nd semester

Credit hours : 0

Theoretical :48

Practical : --

Program(s) on which the course is given	: Doctorate Program (Gerontological nursing)
Major or minor element of program	: Major
Department offering the program	: Gerontological nursing Department
Department offering the course	: Gerontological nursing Department
Date of specification approval	: 2016/2017
Academic year	: 2020-2022

2- Overall Aims of Course:

This course provides the candidate with knowledge and skills of gerontological nursing in order to be able to intervene effectively with common and various health problems of older adults in different community settings. Also this course prepares the candidate to design, implement, and evaluate of health programs for elderly individual, family & community

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. Discuss the role of nurses in promoting wellness in older adults who are ill.
- A.2. Explain how to perform a nursing care of older adults with dysphagia
- A.3. Explain comprehensive geriatric assessment for older adults who are ill
- A.4. Recognize common skin problems in the elderly.
- A.5. Demonstrate risk factors of cardiovascular diseases in elderly
- A.6. Explain the physiology and causes of pressure ulcer.
- A.7. Describe principles of different medication use in older adults.
- A.8. Discuss Prevention of stroke
- A.9. Discuss the care giver stress and gerontological nurse challenges.

b- Intellectual Skills

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

- B.1. Differentiate between stages of pressure ulcer
- B.2. Demonstrate communication with the hearing impaired elderly.
- B.3. Classify Community Care Models and Programs.
- B.4. Formulate Nursing intervention of medication use and effect

- B.5. Select appropriate nursing interventions to address symptoms commonly experienced by older adults with dysphagia and malnutrition.
- B.6. Differentiate between Influenza (Flu) and COVID-19.
- B.7. Discriminate between Diverticulosis and Diverticulitis.
- B.8. Compare characteristics of Alzheimer's disease, vascular dementia, frontotemporal dementia, and dementia with Lewy bodies
- B.9. Summarize characteristics of the caregiver.

c- Professional and practical skills

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

- C.1. Apply nursing actions which can promote wellness during illness
- C.2. Demonstrate COVID-19 Prevention
- C.3. Apply principles of wellness to nursing care of older adults experiencing pressure ulcer.
- C.4. Perform comprehensive nursing assessment for older adults
- C.5. Demonstrate role of Gerontological Nursing for COPD
- C.6. Provide appropriate assessment techniques for effective pressure ulcer management and patient advocacy for pain management issues.
- C.7. Apply Gerontological nursing intervention for elders with GIT disorders
- C.8. Apply Gerontological nursing intervention for common neurological disorders in elderly.
- C.9. Discuss nursing intervention to Prevent Osteoporosis
- C.10. Apply Strategies for communicating with Elders with visual Impairment

d- General and transferable skills

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

- Facilitate the use of new resources and strengthening the support resources that already are in place for older adults, their families, and caregivers
- D.1. already are in place for older adults, their families, and caregivers
- D.2. Use reasoning and problem solving skills in prioritizing actions, and care provided for elderly.
- D.3. Communicate patients' values preferences and experienced needs to other members of health care team.
- D.4. Support and promote interpersonal relationships, including the development of new relationships and support resources, that can improve the older adult's health, functioning, and quality of life
- D.5. Manage effectively time, resources and set priorities
- D.6. Exercise problem solving skills at different situation faced at different clinical Setting.
- D.7. Search effectively in websites relevant to certain subjects.

E- Attitude

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

E1-Appreciate and promote elderly patient/ client rights to autonomy, respect, privacy, and dignity, and access to information.

E2-Value his/her role as a model for less experienced nursing students.

E3-Respect and encourage the patients' participations in decision about health care and services.

4- Course Contents:

Weeks	Topics	No. of hours	
		Lecture 48 hours	practical 0 hours
1 2	Unit 1: Respiratory System Disorders <ul style="list-style-type: none">- Pneumonia- COPD	4	- -
3 4	Unit 2: Gastrointestinal disorders <ul style="list-style-type: none">- Dysphagia- GERD- Peptic ulcer- Diverticular disease	6	- -
5 6	Unit 3: Skin problems in old age	6	- -
7	Unit 4: Cardiovascular System Disorders <ul style="list-style-type: none">- Coronary artery disease- Congestive heart failure	4	-
8 9	Unit 5: Neurological System Disorders <ul style="list-style-type: none">- Stroke- Parkinson's- Alzheimer's disease	8	-
10	Unit 6: Musculoskeletal System Disorders <ul style="list-style-type: none">- Osteoporosis- Osteoarthritis	4	-
11 12 13	Unit 7: Visual disorders <ul style="list-style-type: none">- Cataract- Glaucoma	8	-
14 15 16	Unit 8: Caregiver stress	8	-
17	Finalwritten Exam		

5- Teaching and learning methods :

5.1 Lecture

5.2 Group discussion

5.3 Semester work (Self learning via research papers presentation, report writing) Online method (zoom meeting- google class room)

6- Student Assessment :

A- Assessment Method

A.1 Class presentation

A.2 Semester work

A.3 Final written examination

B- Time Schedule

class presentations	Week : through semester
Semester work	Week : through semester
Finalwritten Examination	Week : 17

C- Grading system

Class presentations	-
Semester work	% 20
Oral Examination	-
Final - term Examination	% 80

7- List of References

A - Course Note: Handouts: prepared by the candidate doctorate degree of the course.

B -Required Books:

Oxford University Press**Gray-Miceli, D. (2019).** Evidence-based geriatric nursing protocols for best practice (3rd ed., pp. 57–82, 161–198). New York: Springer Publishing Co.

Yennurajalingam, S., and Bruera, E. (2016). Oxford American Handbook of Hospice and Palliative Medicine and Supportive Care.

Poduri, K. (2017). Geriatric Rehabilitation: From Bedside to Curbside. CRC Press

Skidmore-Roth, L. (2018). Mosby's 2019 Nursing Drug Reference E-Book. Elsevier Health Sciences..

C-Recommended Books:

Allen, S. R., & Kaplan, L. J. (2018). Geriatric Critical Care Units: Model for Interdisciplinary Approach. Principles of Geriatric Critical Care.

Jean-Pierre, M., Beattie, B. L., Martin, F. C., & Walston, J. D. (Eds.). (2018). Oxford textbook of geriatric medicine. Oxford University Press.

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|---------------------------------|-----|---|----------------------------------------------------------|
| D-Periodicals,
Sites, ...etc | Web | ✓ | American Journal of Geriatric Nursing |
| | | ✓ | Archives of Gerontology and Geriatrics |
| | | ✓ | Journal of the American Geriatrics Society |
| | | ✓ | Fall Prevention Center of Excellence |
| | | ✓ | National Arthritis and Musculoskeletal and Skin Diseases |
| | | ✓ | National Institute on Aging (NIA) |
| | | ✓ | National Resource Center for Safe Aging |

8- Facilities required for teaching and learning

Computer and data show.

Course Coordinator: Prof. Eman Shokry Abd Allah

Head of Department Prof. Eman Shokry Abd Allah

Date: / /

Course Specification

Nursing seminars in the area of general specialty (Gerontological nursing), (PHD 2nd term)

Course content	Knowledge	Intellectual Skills	Professional skills	General skills	Attitude	Teaching and learning methods
Unit 1: Respiratory System Disorders	A1 A2 A3	B1 B2	C1	D1 D2	E1	practical training;
Unit 2: Gastrointestinal disorders	A4 A7 A9	B3 B4	C2 C3 C5	D1 D2	E1, E2	Lecture, seminar,
Unit 3: Skin problems in old age	A5 A6	B3 B5	C1 C3	D1 D2	E1,E2, E3	Course paper/project; Brain storming
Unit 4: Cardiovascular System Disorders	A8 A9 A14	B1 B6	C3 C4 C5	D3 D4	E1	Discussion/debates
Unit 5: Neurological System Disorders	A10 A11	B1 B2	C4 C5	D3 D4	E1,E2, E3	Collaborative work;
Unit 6: Musculoskeletal System Disorders	A5 A6	B3 B4	C1 C3	D1 D2	E1, E2	Demonstration method
Unit 7: Visual disorders	A10 A11	B1 B2	C4 C5	D3 D4	E1,E2, E3	Course paper/project;
Unit 8: care giver stress	A8 A9	B1 B6	C1 C3	D1 D2	E1, E2	Discussion/debates

Program Coordinator:

Prof. Eman Shokry Abd Allah

Date : / /

Signature :

Course Specification

Nursing seminars in the area of specific specialty (Gerontological nursing), (PHD 2nd)

1- Basic information

Code: 480

Nursing seminars in the area of specific specialty (Gerontological nursing), (PHD 2nd term) **Level** : Doctorate 2nd semester

Credit hours : 0

Theoretical :48

Practical : --

Program(s) on which the course is given	: Doctorate Program (Gerontological nursing)
Major or minor element of program	: Major
Department offering the program	: Gerontological nursing Department
Department offering the course	: Internal Medicine Department
Date of specification approval	: 2016/2017
Academic year	: 2020-2022

2- Overall Aims of Course:

This course provides the candidate with knowledge and skills of gerontological nursing in order to be able to intervene effectively with common and various health problems of older adults in different community settings.

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. Delineate age-related changes that affect nutritional status in older adults.
- A.2. Discuss eating changes and problems common in older adults.
- A.3. Describe the risk factors, prevention, and complication of hepatocellular carcinoma cancer.
- A.4. Discuss the functional consequences of malnutrition.
- A.4. List the factors that affect the risk for development of GIT bleeding.
- A.6. List risk factors of elderly lung cancer.
- A.7. Explain Viral Hepatitis B & C
- A.8. Discuss investigations of liver diseases and how they guide management

b- Intellectual Skills

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

- B.1. Examine risk factors that cause or contribute to intestinal malignancies in older adults.
- B.2. Identify risk factors that increase the risk of eating disorders
- B.3. Identify interventions to treat hepatocellular carcinoma. in older adults.
- B.4. Identify signs or symptoms of myocardial infarction.

- B.5. Identify personal, environmental, and physiologic risk factors of lung cancer in older adults.
- B.6. Classify structural and microscopic changes occur as the liver ages.
- B.7. Differentiate Hepatitis B and Hepatitis C virus infection
- B.8. Identify the Effects of Aging on the Liver.

c- Professional and practical skills

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

- C.1. Examine age-related changes and risk factors of hepatocellular carcinoma. in older adults.
- C.2. Implement evidence-based sleep assessment tools for Assessing hepatocellular carcinoma.
- C.3. Examine the effect of chronic disease on diet in older adults.
- C.4. Implement strategies to help planning meals for elderly with chronic disease
- C.5. Perform General management principles in advanced liver disease

d- General and transferable skills

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

- D.1. Utilize interpersonal skills to communicate effectively.
- D.2. Use reasoning and problem solving skills in prioritizing actions, and care provided for elderly.
- D.3. Demonstrate effective communication with older adults and their families at different setting.
- D.4. Work productively in a team
- D.5. Search effectively in websites relevant to certain subjects.

E- Attitude

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

- E1-Appreciate and promote elderly patient/ client rights to autonomy, respect, privacy, and dignity, and access to information.
- E2-Value his/her role as a model for less experienced nursing students.
- E3-Respect and encourage the patients' participations in decision about health care and services.

4- Course Contents:

Weeks	Topics	No. of hours	
		Lecture 48 hours	practical 0 hours
1 2	Unit1: Hepatocellular carcinoma(HTC)	6	-
3 4	Unit2: Lung cancer	6	-

5 6	Unit 3: Nutrition in elderly	6	-
7 8	Unit 4: ➤ osteoarthritis ➤ osteoporosis	6	-
9 10 11	Unit 5: ➤ Parkinson's disease ➤ stroke	6 6	
12-13	Unit 6: Alzheimer's disease	6	
14-15- 16	Unit 7: Hepatitis	6	
17	Final written Exam		

5- Teaching and learning methods :

- 5.1 Lecture
5.2 Group discussion
5.3 Semester work (Self learning via research papers presentation, report writing)
Online method (zoom meeting- google class room)

6- Student Assessment :

A- Assessment Method

- A.1 Class presentation
A.2 Semester work
A.3 Final term Examination

B- Time Schedule

class presentations	Week : through semester
Semester work	Week : through semester
Finalwritten Examination	Week : 17

C- Grading system

Class presentations	-
Semester work	% 20
Oral Examination	-
Final - term Examination	% 80

7- List of References

A - Course Note: Handouts: prepared by the candidate doctorate degree of the course.

B -Required Books:

Yennurajalingam, S., and Bruera, E. (2016). Oxford American Handbook of Hospice and Palliative Medicine and Supportive Care.

Oxford University Press Gray-Miceli, D. (2008). Preventing falls in acute care. In E. Capezuti, D. Zwicker, M. Mezey, & T. Fulmer (Eds.), Evidence-based geriatric nursing protocols for best practice (3rd ed., pp. 57–82, 161–198). New York: Springer Publishing Co.

Poduri, K. (2017). Geriatric Rehabilitation: From Bedside to Curbside. CRC Press

Skidmore-Roth, L. (2018). Mosby's 2019 Nursing Drug Reference E-Book. Elsevier Health Sciences..

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Jean-Pierre, M., Beattie, B. L., Martin, F. C., & Walston, J. D. (Eds.). (2018). Oxford textbook of geriatric medicine. Oxford University Press.

D-Periodicals, Sites, ...etc	Web	<ul style="list-style-type: none"> ✓ American Journal of Geriatric Nursing ✓ Archives of Gerontology and Geriatrics ✓ Journal of the American Geriatrics Society ✓ Fall Prevention Center of Excellence ✓ National Arthritis and Musculoskeletal and Skin Diseases ✓ National Institute on Aging (NIA) ✓ National Resource Center for Safe Aging
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8- Facilities required for teaching and learning

Computer and data show.

Course Coordinator:

Prof. Maysaa Abdallah
Prof. Sahar Elnamer

Head of Department
Date: / /2022

Prof. Eman Shokry Abd Allah

Course Specification Nursing seminars in the area of specific specialty (Gerontological nursing), (PHD 2 nd)

Course content	Knowledge	Intellectual Skills	Professional skills	General skills	Attitude	Teaching and learning methods
Unit1: Hepatocellular carcinoma(HTC	A1 A4	B4	-----	D1 D2	E1	Demonstration method
Unit2: Lung cancer	A9	B2	C3 C4	D1 D2	E1, E2	Lecture, seminar, Collaborative work;
Unit 3: Nutrition in elderly	A11	-----	-----	D1 D2	E1,E2, E3	Course paper/project; Brain storming
Unit 4: Osteoarthritis Osteoporosis	A1 A2	B1	-----	D3 D4	E1, ,E2	Lecture, Class presentation
Unit 5: Parkinson's disease Stroke	A1 A10	----	-----	D4 D5	E1,E2	Discussion/debates
Unit 6: Alzheimer's disease	A5 A6	B5 B3	C1 C2	D5 D6	E1,E2	Lecture, seminar
Unit 7: Hepatitis	A1 A10	B1	-----		-----	Discussion/debates

Program Coordinator:
Prof. Maysaa Abd- Allah

Signature:

Date : / /