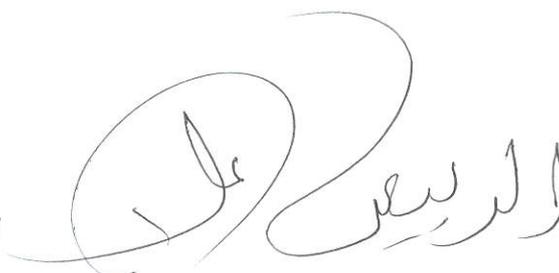


Course Specification

| I. Course Identification and General Information: | | | | | |
|---|---|--|---------|----|-------|
| 1 | Course Title: | Master thesis | | | |
| 2 | Course Code & Number: | MCCN07 | | | |
| 3 | Credit hours: 6 | C.H | | | TOTAL |
| | | Th. | Seminar | Pr | |
| | | - | - | 6 | - |
| 4 | Study level/ semester at which this course is offered: | Second year/ First and Second semester | | | |
| 5 | Pre –requisite: | - | | | |
| 6 | Co –requisite : | - | | | |
| 7 | Program (s) in which the course is offered: | Maternal and Neonatal Health Nursing | | | |
| 8 | Language of teaching the course: | English | | | |
| 9 | Location of teaching the course: | Faculty of Nursing | | | |
| 10 | Prepared By: | Prof. Abdulsalam Dallak Prof. Nabil Al-Rabeei | | | |
| 11 | Date of Approval | 2022 | | | |

II. Course Description:

Research project allows the students to practically implement the theoretical knowledge as a small research study.



III. Intended learning outcomes of the course (ILCOs) and their alignment to Program Intended learning outcomes (PILOs)

| ILCOs | PILOs |
|--|-------|
| 1. Specific research related to the field of maternal and neonatal health nursing | A4 |
| 2. Integrate discipline specific knowledge and skills derived from academic disciplines into the thesis. | B3 |
| 3. Analyze and abstract data, literature review & methodology to the thesis to | B4 |
| 4. Prepare and submit Master Thesis and apply presentation. | C4 |
| 5. Use effective communication and leadership skills in interprofessional teams | D1 |
| 6. Use information systems and other technologies | D2 |
| 7. Work under ethical consideration | D4 |

(A) Alignment Course Intended Learning Outcomes of Knowledge and Understanding to Teaching Strategies and Assessment Strategies:

| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|--|--|--|
| a1. Specific research related to the field of maternal and neonatal health nursing | Students Presentation Committee member decision | Quality of research project include: <ul style="list-style-type: none"> • Introduction and objectives • Literature review • Research methodology • Results • Discussion, conclusion and recommendations • References |

(B) Alignment Course Intended Learning Outcomes of Intellectual Skills to Teaching Strategies and Assessment Strategies:

| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|---|--|---|
| b1. Integrate discipline specific knowledge and skills derived from academic disciplines into the thesis. | Students Presentation Committee member decision | Quality of research project include: <ul style="list-style-type: none"> • Introduction and objectives • Literature review • Research methodology |

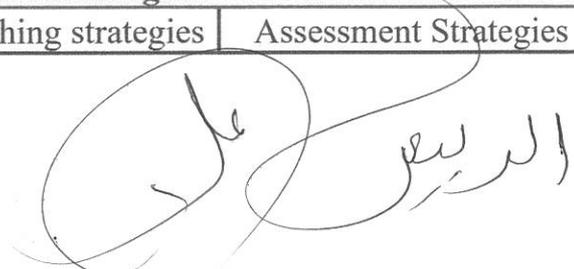
| | | |
|---|---|---|
| | | <ul style="list-style-type: none"> • Results • Discussion, conclusion and recommendations • References |
| b2. Analyze and abstract data, literature review & methodology to the thesis to | Students Presentation Committee member decision | <p>Quality of research project include:</p> <ul style="list-style-type: none"> • Introduction and objectives • Literature review • Research methodology • Results • Discussion, conclusion and recommendations • References |

(C) Alignment Course Intended Learning Outcomes of Professional and Practical Skills to Teaching Strategies and Assessment Strategies:

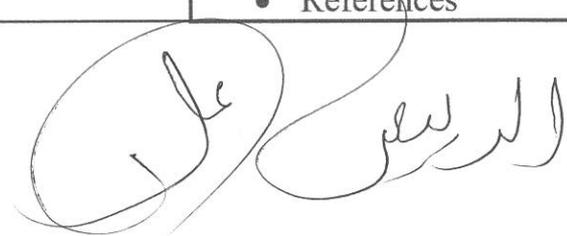
| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|--|---|---|
| c1. Prepare and submit Master Thesis and apply presentation. | Students Presentation Committee member decision | <p>Quality of research project include:</p> <ul style="list-style-type: none"> • Introduction and objectives • Literature review • Research methodology • Results • Discussion, conclusion and recommendations • References • Presentation |

(D) Alignment Course Intended Learning Outcomes of General and Transferable Skills to Teaching Strategies and Assessment Strategies:

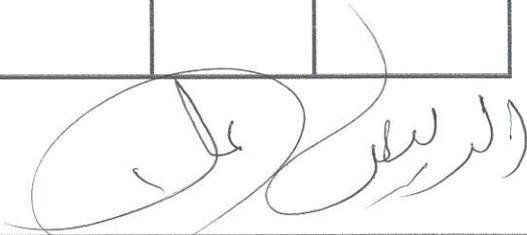
| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|-----------------------------------|---------------------|-----------------------|
|-----------------------------------|---------------------|-----------------------|



| | | |
|--|---|---|
| d1. Use effective communication and leadership skills in interprofessional teams | Students Presentation Committee member decision | Quality of research project include: <ul style="list-style-type: none"> • Introduction and objectives • Literature review • Research methodology • Results • Discussion, conclusion and recommendations • References |
| d2. Use information systems and other technologies | Students Presentation Committee member decision | Quality of research project include: <ul style="list-style-type: none"> • Introduction and objectives • Literature review • Research methodology • Results • Discussion , conclusion and recommendations • References |
| d3. Work under ethical consideration | Students Presentation Committee member decision | Quality of research project include: <ul style="list-style-type: none"> • Introduction and objectives • Literature review • Research methodology • Results • Discussion, conclusion and recommendations • References |



| IV. General format of master thesis | | | |
|-------------------------------------|--|----------|---------------|
| Order | Topics List | Week Due | Contact Hours |
| | <p>A written format of a research work is known as thesis. All such works may differ considerably in scope of treatment and details of presentation. Even then all types of research reports are expected to follow a general uniform, common pattern of format, style and structure. The general format of research report is evolved and it has become a tradition in academic area. It is viewed as he following:</p> <p>A. Preliminary Section</p> <ul style="list-style-type: none"> • <i>Title of the Study</i> • <i>Declaration</i> • <i>Acknowledgment</i> • <i>Dedication</i> • <i>List of Tables</i> • <i>List of Figures</i> • <i>Abbreviations</i> • <i>Terminology definition</i> • <i>Abstract</i> <p>B. Main Body of Report</p> <p>Chapter 1: Introduction</p> <p>1.1 Background of the Study</p> <p>1.2 Problem statement</p> <p>1.3.Rationale of the Study</p> <p>Chapter 2: Literature Review</p> <p>2.1 Review of relevant theoretical literature</p> <p>2.2 Review of relevant empirical literature</p> <p>Chapter 3: Objectives of the study</p> <p>3.1 General Objective</p> <p>3.2 Spesific objectives</p> <p>Chapter 4: Research Methodology</p> <p>4.1 Study Setting</p> <p>4.2 Study Desgin</p> <p>4.3 Population and sample of the study</p> | - | - |



| | | |
|--|--|--|
| 4.4 Inclusion and exclusion criteria 4.5 Sample Size 4.6 Sampling Methods 4.7 Data collection technique and Instrument 4.8 Pilot study 4.9 Data processing and analysis 4.10 Ethical Considerations Chapter 5: Results 5.1 Description of data analysis 5.2 Interpretation and presentation of results Chapter 6: Discussion 6.1 Presentation of major findings 6.2 Identification of limitations 6.3 Discussion of the implications Chapter 7: Conclusions and Recommendations 7.1 Identification of Conclusion 7.2 Recommendations for further research References Appendices | | |
| Number of Weeks /and Units Per Semester | | |

| B– Practical Aspect: (if any) | | | |
|--|---|-----------------|----------------------|
| Order | Topics List | Week Due | Contact Hours |
| 1 | Research process : 1. Formulating the Research Problem 2. Reviewing the literature 3. Formulating the research objectives/ hypothesis 4. Selection the research design 5. Data collection 6. Data analysis 7. Data interpretation 8. Preparation and presentation of the research report | 32 | 96 |
| Number of Weeks /and Units Per Semester | | 32 | 96 |

الدراسات
على

III. Teaching strategies of the course:

1. Field work and training by supervisor.
2. Students presentation
3. Committee member decision

V. Master thesis assessment

Each master thesis will be assessed by a committee of three members as follows

Items

Committee member decision

I. Learning Resources:

1- Required Textbook(s) (maximum two).

1. Health Research Methodology (2005). WHO Manual.
2. Kothari C.R. (2004). Research Methodology, 2nd Edt. New Age International Pub.

2- Essential References.

1. Fox dewed J (2000). Textbook of fundamental of research in nursing. Appleton century goft Norwalk Connecticut 2000.

3- Electronic Materials and Web Sites etc.

1. www.google.com

II. Course Policies:

According to graduate study roles and regulation



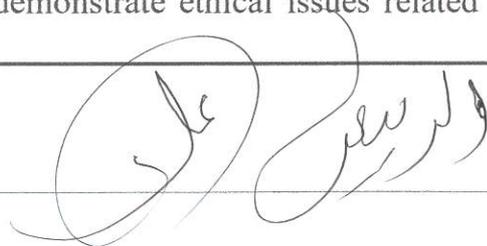
البرهان

Course Plan (Syllabus)

| I. Information about Faculty Member Responsible for the Course: | | | | | | |
|---|--------------------------|--------------|-----|-----|-----|-----|
| Name of Faculty Member | Prof. Abdusalalam Dallak | Office Hours | | | | |
| Location & Telephone No. | | SAT | SUN | MON | TUE | WED |
| E-mail | abonadm@hotmail.com | | | | | x |

| II. Course Identification and General Information: | | | | | | |
|--|---|--------------------------------------|---------|-----|--------|-------|
| 1. | Course Title: | Professional Ethics | | | | |
| 2. | Course Number & Code: | MNSG04 | | | | |
| 3. | Credit hours: 2 | C.H | | | | |
| | | Th. | Seminar | Pr. | F. Tr. | Total |
| | | 2 | - | - | - | 2 |
| 4. | Study level/year at which this course is offered: | First year/Second semester | | | | |
| 5. | Pre-requisite: | - | | | | |
| 6. | Co-requisite : | - | | | | |
| 7. | Program (s) in which the course is offered | Maternal and Neonatal Health Nursing | | | | |
| 8. | Language of teaching the course: | English | | | | |
| 9. | System of Study: | Semester system | | | | |
| 10. | Mode of delivery: | Full time | | | | |
| 11. | Location of teaching the course: | Faculty of Nursing | | | | |

| III. Course Description: |
|--|
| <p>This course will contribute to the development of maternal and neonatal health nursing profession through comprehensive understanding and application. Ethical principles of maternal and neonatal health nursing, concept of ethics and legal issues, communication skills; that contribute to the maternal and neonatal nurse /client relationship and theories of human behavior will be explored. The course will assist students to give holistic maternal and neonatal care. In addition, the course will detail the rights and responsibilities of midwives, client/patients and demonstrate ethical issues related to maternal and neonatal health nursing.</p> |



IV. Intended learning outcomes (ILOs) of the course:

1. Describe the maternal and neonatal profession and its underlying principles and codes of practice (ethics).
2. Demonstrate appropriate behavior throughout the training.
3. Assist the client/ patient in decision making and respect his/her Rights.
4. Maintain effective communication that enables greater health promotion activities.

V. Course Content:

Distribution of Semester Weekly Plan of Course Topics/Items and Activities.

A – Theoretical Aspect:

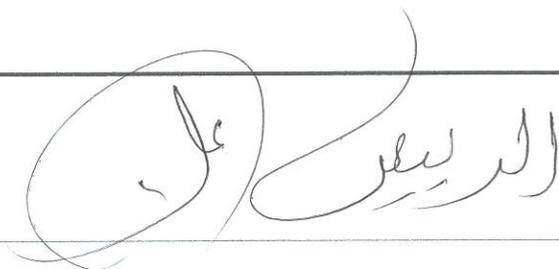
| Order | Topics List | Week Due | Contact Hours |
|--|--|-----------|---------------|
| 1 | Professionalism in maternal and neonatal nursing | 1-2 | 4 |
| 2 | Fundamentals of Ethical principles | 3-5 | 4 |
| 3 | Midterm exam | 6 | 2 |
| 4 | Legal aspects in maternal and neonatal health nursing | 7-8 | 4 |
| 5 | Areas of potential liabilities in maternal and neonatal health nursing | 9-11 | 6 |
| 6 | Selected legal facts in maternal and neonatal health nursing | 12-15 | 8 |
| 7 | Final exam | 16 | 1 |
| Number of Weeks /and Units Per Semester | | 16 | 32 |

B– Practical Aspect:

| Order | Topics List | Week Due | Contact Hours |
|--|-----------------|----------|---------------|
| | Note applicable | - | - |
| Number of Weeks /and Units Per Semester | | - | - |

VI. Teaching strategies of the course:

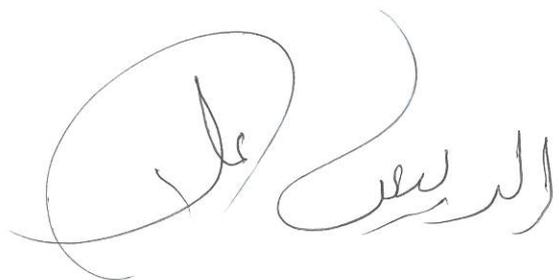
1. Lecture
2. Lecture - Discussion
3. Demonstration
4. Brainstorming
5. Case discussion



| VII. Assignments: | | | | |
|-------------------|--|------------------------|----------|------|
| No | Assignments | Aligned CILOs(symbols) | Week Due | Mark |
| 1 | Assignment: write about the Domain of maternal and neonatal health nursing ethics. | a1, a2,b1 | 1-5 | 10 |

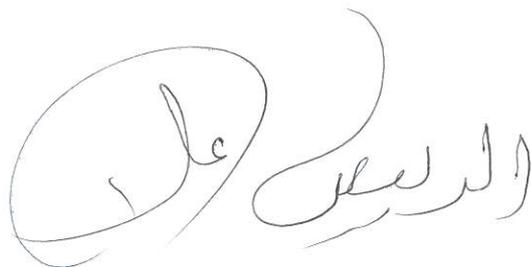
| VIII. Schedule of Assessment Tasks for Students During the Semester: | | | | | |
|--|--------------------|-----------------|------|--------------------------------|----------------------------------|
| No. | Assessment Method | Week Due | Mark | Proportion of Final Assessment | Aligned Course Learning Outcomes |
| 1 | Presentation | 5th - 12th week | 10 | 10% | a1, a2,b1, d1 |
| 2 | Student assignment | 5th - 12th week | 20 | 20% | a1, a1,b1 |
| 3 | Mid-term exam | 7th or 8th week | 20 | 20% | a1, a2,b1, d1 |
| 4 | Final exam | 16th-17th week | 50 | 50 % | a1, a2,b1, d1 |
| Total | | | 100 | 100% | |

| IX. Learning Resources: | |
|---|---|
| 1- Required Textbook(s) | |
| 1. | Fraser, D M & Cooper, M 2008, Myles textbook for midwives, 14th Edn. Churchill Livingstone ,Edinburgh. Macdonald, H 2004, |
| 2. | Mayes Midwifery, A Text Book for Midwives. 14th Edn |
| 3. | Frith, L 2004 .Ethics And Midwifery. 2nd Edn. |
| 4. | Johanston, J 2009, Bioethics a Nursing Practice, .2nd Ed. |
| 5. | Jones, S 2005, .Ethics In Midwifery, 2nd Ed |
| 2- Essential References. | |
| 1. | Huband, S 2006 .Nursing And Midwifery a Practical Approach. 1st Edn. |
| 2. | Airman, S 2006, Midwifery Preparation for practice, 1st Edn. |
| 3- Electronic Materials and Web Sites etc. | |
| 1. | http://www.mohip.gov.eg |
| 2. | http://www.bbc.co.uk/ |



X. Course Policies:

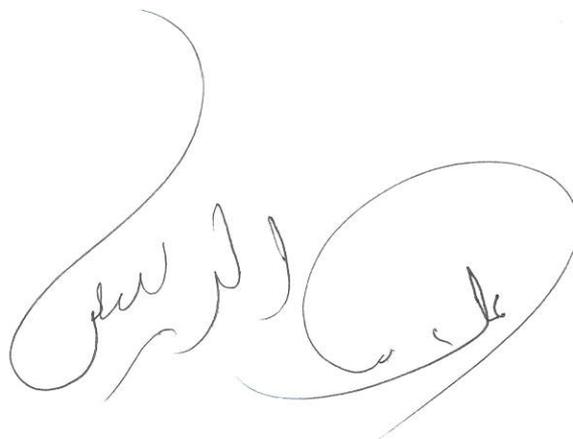
| | |
|----|---|
| 1. | Class Attendance: At least 75 % of the course hours should be attended by the student. Otherwise, he/she will not be allowed to attend the final exam |
| 2. | Tardy: any student who is late for more than 15 minutes from starting the lecture will not be allowed to attend the lecture and will be considered absent. |
| 3. | Exam Attendance/Punctuality: Any student who is late for more than 30 minutes from starting the exam will not be allowed to attend the exam and will be considered absent. |
| 4. | Assignments & Projects: Assignments and projects will be assessed individually unless the teacher request for group work |
| 5. | Cheating: Cheating by any means will cause the student failure and he/she must re-study the course |
| 6. | Plagiarism: Plagiarism by any means will cause the student failure in the course. Other disciplinary procedures will be according to the college rules. |



Course Specification

| I. Course Identification and General Information: | | | | | |
|---|---|--------------------------------------|---------|----|-------|
| 1 | Course Title: | Professional Ethics | | | |
| 2 | Course Code & Number: | MNSG04 | | | |
| 3 | Credit hours: 2 | C.H | | | TOTAL |
| | | Th. | Seminar | Pr | |
| | | 2 | - | - | - |
| 4 | Study level/ semester at which this course is offered: | First year/Second semester | | | |
| 5 | Pre –requisite: | - | | | |
| 6 | Co –requisite : | - | | | |
| 7 | Program (s) in which the course is offered: | Maternal and Neonatal Health Nursing | | | |
| 8 | Language of teaching the course: | English | | | |
| 9 | Location of teaching the course: | Faculty of Nursing | | | |
| 10 | Prepared By: | Prof. Abdulsalam Mohamed Dallak | | | |
| 11 | Date of Approval | 2022 | | | |

| II. Course Description: |
|--|
| <p>This course will contribute to the development of maternal and neonatal health nursing profession through comprehensive understanding and application. Ethical principles of maternal and neonatal health nursing, concept of ethics and legal issues, communication skills; that contribute to the maternal and neonatal nurse /client relationship and theories of human behavior will be explored. The course will assist students to give holistic maternal and neonatal care. In addition, the course will detail the rights and responsibilities of midwives, client/patients and demonstrate ethical issues related to maternal and neonatal health nursing.</p> |



III. Intended learning outcomes of the course (ILCOs) and their alignment to Program Intended learning outcomes (PILOs)

| ILCOs | PILOs |
|--|-------|
| 1. Describe the maternal and neonatal profession and its underlying principles and codes of practice (ethics). | A1 |
| 2. Demonstrate appropriate behavior throughout the training. | A3 |
| 3. Assist the client/ patient in decision making and respect his/her Rights. | B3 |
| 4. Maintain effective communication that enables greater health promotion activities. | D3 |

(A) Alignment Course Intended Learning Outcomes of Knowledge and Understanding to Teaching Strategies and Assessment Strategies:

| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|---|-------------------------------------|--|
| a1. Describe the maternal and neonatal profession and its underlying principles and codes of practice (ethics). | Lecture discussion Brainstorming | Essay type Short answer Objective type |
| a2. Demonstrate appropriate behavior throughout the training. | Lecture discussion Brainstorming | Essay type Short answer Objective type |

(B) Alignment Course Intended Learning Outcomes of Intellectual Skills to Teaching Strategies and Assessment Strategies:

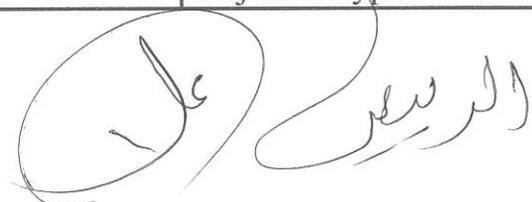
| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|---|--|--|
| b1. Assist the client/ patient in decision making and respect his/her Rights. | Lecture discussion Demonstration Case discussions / Seminar | Essay type Short answer Objective type |

(C) Alignment Course Intended Learning Outcomes of Professional and Practical Skills to Teaching Strategies and Assessment Strategies:

| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|-----------------------------------|---------------------|-----------------------|
| Not applicable | -- | -- |

(D) Alignment Course Intended Learning Outcomes of General and Transferable Skills to Teaching Strategies and Assessment Strategies:

| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|---|-------------------------------------|--|
| d1. Maintain effective communication that enables greater health promotion activities | Lecture discussion Demonstration | Essay type Short answer Objective type |



IV. Course Content:

A – Theoretical Aspect:

| Order | Units/Topics List | Sub Topics List | No. of Weeks | Contact hours | Learning Outcomes |
|-------|--|---|--------------|---------------|-------------------|
| 1 | Professionalism in maternal and neonatal nursing | <ul style="list-style-type: none"> • Definition of profession/professionalism • Definition of ethical terms • Philosophy of maternal and neonatal nursing theory • Ethics and morality • Approaches to ethics • Ethical theories • Domain of maternal and neonatal health nursing ethics | 2 | 4 | a1, a2,b1, d1 |
| 2 | Fundamentals of Ethical principles | <ul style="list-style-type: none"> • Autonomy • Beneficence • Non-maleficence • Fidelity • Veracity • Justice | 2 | 4 | a1, a2,b1, d1 |
| 3 | Ethical dilemma and ethical decision making | <ul style="list-style-type: none"> • Models of ethical decision making | 1 | 2 | a1, a2,b1, d1 |
| 4 | Midterm exam | | 1 | 1 | a1,a2,b1, d1 |
| 5 | Legal aspects in maternal and neonatal health nursing | <ul style="list-style-type: none"> • General Legal concepts • Function of law in maternal and neonatal health nursing • Types of law | 2 | 4 | a1, a2,b1, d1 |
| 6 | Areas of potential liabilities in maternal and neonatal health nursing | <ul style="list-style-type: none"> • Crime and tort • Potential malpractice situations. • Legal issues in maternal and neonatal health nursing • Standard of practice | 3 | 6 | a1, a2,b1, d1 |

Handwritten signature and initials in Arabic script.

| | | | | | |
|--|--|--|-----------|-----------|---------------|
| | | <ul style="list-style-type: none"> • Credentials • Code of Ethics in maternal and neonatal health nursing • Domain of maternal and neonatal health nursing ethics • International Code of Ethics in maternal and neonatal health nursing • National/ International maternal and neonatal health nursing Association | | | |
| 7 | Selected legal facts in maternal and neonatal health nursing | <ul style="list-style-type: none"> • Informed consent • Record keeping • Controlled substances. • Incident Report • Abortion and related legal issues in • Yemen Patients' Bill of Rights. • Right to medication • Right of the dying patients (euthanasia, the living Will) | 4 | 8 | a1, a2,b1, d1 |
| 9 | Final exam | | 1 | 1 | a1, a2,b1, d1 |
| Number of Weeks /and Units Per Semester | | | 16 | 16 | |

B - Practical Aspect:

| Order | Tasks/ Experiments | Number of Weeks | Contact hours | Learning Outcomes |
|--|--------------------|-----------------|---------------|-------------------|
| | Not applicable | -- | -- | -- |
| Number of Weeks /and Units Per Semester | | | | |

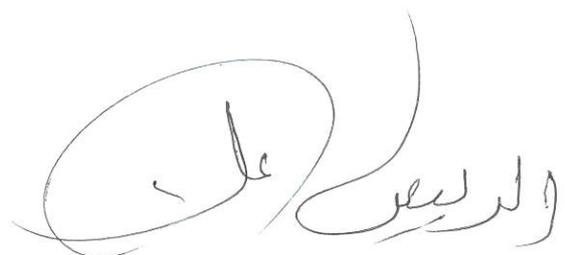
V. Teaching strategies of the course:

1. Lecture
2. Lecture - Discussion
3. Demonstration
4. Brainstorming

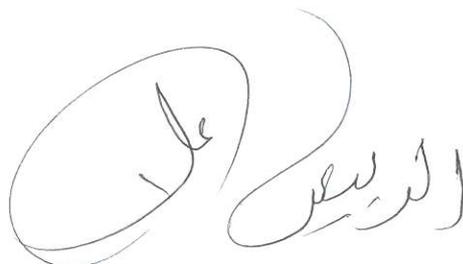
| VI. Assignments: | | | | |
|-------------------------|--|------------------------|----------|------|
| No | Assignments | Aligned CILOs(symbols) | Week Due | Mark |
| 1 | Assignment 1: write about the Domain of maternal and neonatal health nursing ethics. | a1, a2,b1 | 1-14 | 10 |

| VII. Schedule of Assessment Tasks for Students During the Semester | | | | | |
|---|--------------------|-----------------|------------|--------------------------------|----------------------------------|
| No. | Assessment Method | Week Due | Mark | Proportion of Final Assessment | Aligned Course Learning Outcomes |
| 1 | Presentation | 5th - 12th week | 10 | 10% | a1, a2,b1, d1 |
| 2 | Student assignment | 5th - 12th week | 20 | 20% | a1, a2,b1 |
| 3 | Mid-term exam | 7th or 8th week | 20 | 20% | a1, a2,b1, d1 |
| 4 | Final exam | 16th-17th week | 50 | 50 % | a1, a2,b1, d1 |
| Total | | | 100 | 100% | |

| VIII. Learning Resources: | |
|---|--|
| 1- Required Textbook(s) | |
| 1. Fraser, D M & Cooper, M 2008, Myles textbook for midwives, 14th Edn. Churchill Livingstone ,Edinburgh. Macdonald, H 2004, 2. Mayes Midwifery, A Text Book for Midwives. 14th Edn 3. Frith, L 2004 .Ethics And Midwifery. 2nd Edn. 4. Johanston, J 2009, Bioethics a Nursing Practice, .2nd Ed. 5. Jones, S 2005, .Ethics In Midwifery, 2nd Edn | |
| 2- Essential References. | |
| 1. Huband, S 2006 .Nursing and Midwifery a Practical Approach. 1st Edn. 2. Airman, S 2006, Midwifery Preparation for practice, 1st Edn. | |
| 3- Electronic Materials and Web Sites etc. | |
| 1. http://www.mohip.gov.eg 2. http://www.bbc.co.uk/ 3. www.edul.elu.eg | |



| IX. Course Policies: | |
|-----------------------------|---|
| 1. | Class Attendance: At least 75 % of the course hours should be attended by the student. Otherwise, he/she will not be allowed to attend the final exam |
| 2. | Tardy: any student who is late for more than 15 minutes from starting the lecture will not be allowed to attend the lecture and will be considered absent. |
| 3. | Exam Attendance/Punctuality: Any student who is late for more than 30 minutes from starting the exam will not be allowed to attend the exam and will be considered absent. |
| 4. | Assignments & Projects: Assignments and projects will be assessed individually unless the teacher request for group work |
| 5. | Cheating: Cheating by any means will cause the student failure and he/she must re-study the course |
| 6. | Plagiarism: Plagiarism by any means will cause the student failure in the course. Other disciplinary procedures will be according to the college rules. |



Course Plan (Syllabus)

| I. Information about Faculty Member Responsible for the Course: | | | | | | |
|---|---------------------|---------------------|-----|-----|-----|-----|
| Name of Faculty Member | Dr. Nageeb Askander | Office Hours | | | | |
| Location & Telephone No. | | SAT | SUN | MON | TUE | WED |
| E-mail | | | | | x | |

| II. Course Identification and General Information: | | | | | | |
|--|---|--------------------------------------|---------|-----|--------|-------|
| 1 | Course Title: | Management and Leadership in Nursing | | | | |
| 2 | Course Number & Code: | MNSG02 | | | | |
| 3 | Credit hours: 2 | C.H | | | | Total |
| | | Th. | Seminar | Pr. | F. Tr. | |
| | | 2 | - | - | - | 2 |
| 4 | Study level/year at which this course is offered: | First year/Second semester | | | | |
| 5 | Pre-requisite: | -- | | | | |
| 6 | Co-requisite : | -- | | | | |
| 7 | Program (s) in which the course is offered | Maternal and Neonatal Health Nursing | | | | |
| 8 | Language of teaching the course: | English | | | | |
| 9 | System of Study: | Semester system | | | | |
| 11 | Mode of delivery: | Full time | | | | |
| 12 | Location of teaching the course: | Faculty of Nursing | | | | |

| III. Course Description: |
|---|
| <p>This course is an introduction to the theory and practices of Management and Leadership in Nursing. This course prepares students scientifically and practically to participate effectively in hospital administration and to utilize new practice method. The emphasis in the course centers on understands the critical responsibilities of managers and the development of leadership skills.</p> |



IV. Intended learning outcomes (ILOs) of the course:

- Summary of the skill the course is intended to develop:
 1. Explains the principles, functions, elements, process, leadership styles and the role of the manager as a controller, supervisor and director of administration.
 2. Formulate principles of recording, reporting, writing job description and strategies for time management.
 3. Shows responsibility as a manager in budgeting, staffing and organizational structure.
 4. Act as active member of the health care delivery team.
 5. Demonstrates the legal and ethical issues in managerial role

V. Course Content:

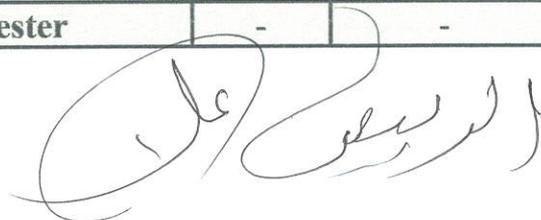
Distribution of Semester Weekly Plan of Course Topics/Items and Activities.

A – Theoretical Aspect:

| Order | Topics List | Week Due | Contact Hours |
|--|---|-----------|---------------|
| 1 | Introduction to management | 1 | 2 |
| 2 | Planning | 2 | 2 |
| 3 | Organizing | 3-4 | 4 |
| 4 | Budget | 5-6 | 4 |
| 5 | Staffing | 7 | 2 |
| 6 | Midterm exam | 8 | 2 |
| 7 | Leading or Directing | 9-11 | 6 |
| 8 | Decision making and Problem solving | 12 | 2 |
| 9 | Controlling | 13 | 2 |
| 10 | Recording and reporting | 14 | 2 |
| 11 | Legal and ethical issues in managerial role | 15 | 2 |
| 12 | Final exam | 16 | 2 |
| Number of Weeks /and Units Per Semester | | 16 | 32 |

B– Practical Aspect:

| Order | Topics List | Week Due | Contact Hours |
|--|----------------|----------|---------------|
| | Not applicable | - | - |
| Number of Weeks /and Units Per Semester | | - | - |



V. Teaching strategies of the course:

1. Lecture - Discussion
2. Demonstration
3. Student assignments
4. Brainstorming

VII. Assignments:

| No | Assignments | Aligned CILOs(symbols) | Week Due | Mark |
|----|---|------------------------|----------|------|
| 1 | Writes diet, staff duty and order supplies. | b3 | 4-6 | 10 |

VIII. Schedule of Assessment Tasks for Students during the Semester:**Theoretical part**

| No. | Assessment Method | Week Due | Mark | Proportion of Final Assessment | Aligned Course Learning Outcomes |
|--------------|-------------------|---|------------|--------------------------------|----------------------------------|
| 1 | Assignment | 5 th -12 th week | 10 | 10 % | a1,b1,d1,d2,d3 |
| 2 | Presentation | 4 st -14 th week | 20 | 20 % | a1,b1,d1,d2,d3 |
| 3 | Mid-term exam | 7 th or 8 th week | 20 | 20% | a1,b1,d1,d2,d3 |
| 4 | Final exam | 16 th -17 th week | 50 | 50 % | a1,b1,d1,d2,d3 |
| Total | | | 100 | 100% | |

Clinical part

| Assessment | Type of Assessment Tasks | Week Due | Mark | Proportion of Final Assessment | Aligned Course Learning Outcomes |
|------------|--------------------------|----------|------|--------------------------------|----------------------------------|
| | Not applicable | - | - | - | - |



| IX. Learning Resources: | |
|---|--|
| 1- Required Textbook(s) (maximum two). | |
| 1. | BasavanthappaBT(2009). Nursing Administration. 1st, Published by Jaypee Brothers Medical Publishers Ltd, India. |
| 2. | Fallon L.F., Zgodzinski E. J., (2012). (3rd edition), Essentials of Public Health Management, Sudbury, Jones and Barlett Publishers. |
| 2- Essential References. | |
| 1. | Huber (2008). Nursing Management & Leadership , Elsevier |
| 2. | Marriner(2008). Guide to Nursing management , Elsevier |
| 3. | Powell (2009). Case Management, LWW |
| 4. | Ellis (2009). Managing and coordinating Nursing,WK |
| 3- Electronic Materials and Web Sites etc. | |
| 1. | www. Goggle.com |
| 2. | www.medscape.com |
| 3. | www.pubmed.com |

| X. Course Policies: | |
|----------------------------|---|
| 1. | Class Attendance: At least 75 % of the course hours should be attended by the student. Otherwise, he/she will not be allowed to attend the final exam |
| 2. | Tardy: any student who is late for more than 15 minutes from starting the lecture will not be allowed to attend the lecture and will be considered absent. |
| 3. | Exam Attendance/Punctuality: Any student who is late for more than 30 minutes from starting the exam will not be allowed to attend the exam and will be considered absent. |
| 4. | Assignments & Projects: Assignments and projects will be assessed individually unless the teacher request for group work |
| 5. | Cheating: Cheating by any means will cause the student failure and he/she must re-study the course |
| 6. | Plagiarism: Plagiarism by any means will cause the student failure in the course. Other disciplinary procedures will be according to the college rules. |

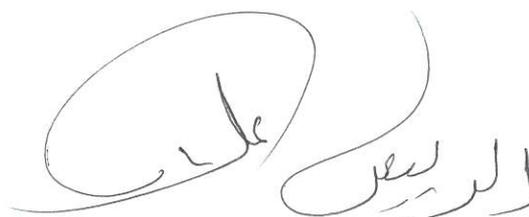


Course Plan (Syllabus)

| I. Information about Faculty Member Responsible for the Course: | | | | | | | | |
|---|-----------------------------|--|--------------|-----|-----|-----|-----|-----|
| Name of Faculty Member | Prof. Nabil Ahmed Al-Rabeei | | Office Hours | | | | | |
| Location & Telephone No. | 734699333 | | SAT | SUN | MON | TUE | WED | THU |
| E-mail | nabilalrabeei@hotmail.com | | | | | | X | |

| II. Course Identification and General Information: | | | | | | |
|--|---|--------------------------------------|---------|-----|-------|--------|
| 1. | Course Title: | Research Methodology | | | | |
| 2. | Course Number & Code: | MNSG03 | | | | |
| 3. | Credit hours: 2 | C.H | | | Total | |
| | | Th. | Seminar | Pr. | | F. Tr. |
| | | 2 | - | - | - | 2 |
| 4. | Study level/year at which this course is offered: | First year/Second semester | | | | |
| 5. | Pre-requisite: | - | | | | |
| 6. | Co-requisite : | - | | | | |
| 7. | Program (s) in which the course is offered | Maternal and Neonatal Health Nursing | | | | |
| 8. | Language of teaching the course: | English | | | | |
| 9. | System of Study: | Semester system | | | | |
| 10. | Mode of delivery: | Full time | | | | |
| 11. | Location of teaching the course: | Faculty of Nursing | | | | |

| III. Course Description: | |
|--|--|
| <p>The Course is designed to enable students to develop an understanding of basic concepts of research, research process and analysis. It is further, structured to conduct/participate in need based research studies in various settings and utilize the research findings to provide quality health care.</p> | |



IV. Intended learning outcomes (ILOs) of the course:

1. Discuss the basic concepts of research, steps of research process and the process of making a research proposal.
2. Formulate research objectives, questions and hypothesis
3. Write outline of research report.
4. Prepare data processing, analysis, presentation and interpretation
5. Appraise the ethical implication in research.

V. Course Content:

Distribution of Semester Weekly Plan of Course Topics/Items and Activities.

A – Theoretical Aspect:

| Order | Topics List | Week Due | Contact Hours |
|--|---|-----------|---------------|
| 1 | Introduction to Research | 1 | 2 |
| 2 | Research Problem | 2 | 2 |
| 3 | Objectives and hypothesis | 3 | 2 |
| 4 | Review of Literature | 4 | 2 |
| 5 | Research designs | 5-8 | 6 |
| 6 | Midterm exam | 9 | 2 |
| 7 | Sampling technique | 10 | 2 |
| 8 | Data collection methods and tools | 11-12 | 4 |
| 9 | Data processing and analysis | 13 | 2 |
| 10 | Presentation and interpretation of findings | 14 | 2 |
| 11 | Writing research report and proposal | 15 | 2 |
| 12 | Final exam | 16 | 2 |
| Number of Weeks /and Units Per Semester | | 16 | 32 |

B– Practical Aspect:

| Order | Topics List | Week Due | Contact Hours |
|--|----------------|----------|---------------|
| | Not applicable | - | - |
| Number of Weeks /and Units Per Semester | | | |



VI. Teaching strategies of the course:

1. Lecture - Discussion
2. Brainstorming

VII. Assignments:

| No | Assignments | Aligned CILOs(symbols) | Week Due | Mark |
|----|---------------------------|---------------------------|----------|------|
| 1 | Prepare research proposal | a1,b1,c1,d1,d2 | 1-15 | 10 |

VIII. Schedule of Assessment Tasks for Students During the Semester:

| No. | Assessment Method | Week Due | Mark | Proportion of Final Assessment | Aligned Course Learning Outcomes |
|--------------|-------------------|---|------------|--------------------------------------|---|
| 1 | Assignment | 5th-12 th week | 10 | 10 % | a1,b1,c1,d1,d2 |
| 2 | Presentation | 4 st - 14 th week | 20 | 20 % | a1,b1,c1,d1,d2 |
| 3 | Mid-term exam | 7th or 8 th week | 20 | 20% | a1,b1,d1,d2 |
| 4 | Final exam | 16th-17th week | 50 | 50 % | a1,b1,c1,d1,d2 |
| Total | | | 100 | 100% | |

IX. Learning Resources:**1- Required Textbook(s)**

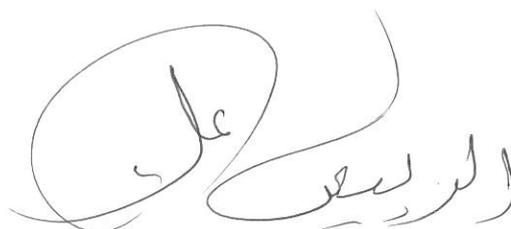
1. Health Research Methodology (2005).WHO Manual.
2. Kothari C.R. (2004). Research Methodology, 2nd Edt. New Age International Pub.

2- Essential References.

1. Kothari (2007). Research Methodology, Newage Publishers
2. Jagadeesh (2009). Bio Medical Research, Wolters Kluwer.

3- Electronic Materials and Web Sites etc.

1. www.pubmed.com



X. Course Policies:

| | |
|----|--|
| 1. | Class Attendance: At least 75 % of the course hours should be attended by the student. Otherwise, he/she will not be allowed to attend the final exam |
| 2. | Tardy: any student who is late for more than 15 minutes from starting the lecture will not be allowed to attend the lecture and will be considered absent. |
| 3. | Exam Attendance/Punctuality: Any student who is late for more than 30 minutes from starting the exam will not be allowed to attend the exam and will be considered absent. |
| 4. | Assignments & Projects: Assignments and projects will be assessed individually unless the teacher request for group work |
| 5. | Cheating: Cheating by any means will cause the student failure and he/she must re-study the course |
| 6. | Plagiarism: Plagiarism by any means will cause the student failure in the course. Other disciplinary procedures will be according to the college rules. |

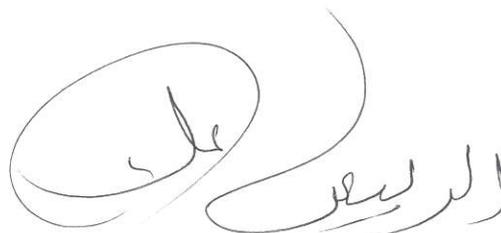


Course Specification

| I. Course Identification and General Information: | | | | | | |
|--|--|--------------------------------------|---------|----|-----|-------|
| 1 | Course Title: | Management and Leadership in Nursing | | | | |
| 2 | Course Code & Number: | MNSG02 | | | | |
| 3 | Credit hours: 2 | C.H | | | | TOTAL |
| | | Th. | Seminar | Pr | Tr. | |
| | | 2 | - | - | - | 2 |
| 4 | Study level/ semester at which this course is offered: | First year/ second semester | | | | |
| 5 | Pre –requisite: | - | | | | |
| 6 | Co –requisite : | - | | | | |
| 7 | Program (s) in which the course is offered: | Maternal and Neonatal Health Nursing | | | | |
| 8 | Language of teaching the course: | English | | | | |
| 9 | Location of teaching the course: | Faculty of Nursing | | | | |
| 10 | Prepared By: | Dr, Nageeb Askehder | | | | |
| 11 | Date of Approval | 2022 | | | | |

II. Course Description:

This course is an introduction to the theory and practices of Management and Leadership in Nursing. This course prepares students scientifically and practically to participate effectively in hospital administration and to utilize new practice method. The emphasis in the course centers on understands the critical responsibilities of managers and the development of leadership skills.



III. Intended learning outcomes of the course (ILCOs) and their alignment to Program Intended learning outcomes (PILOs)

| ILCOs | PILOs |
|---|-------|
| 1. Explains the principles, functions, elements, process, leadership styles and the role of the manager as a controller, supervisor and director of administration. | A3 |
| 2. Formulate principles of recording, reporting, writing job description and strategies for time management. | B3 |
| 3. Shows responsibility as a manager in budgeting, staffing and organizational structure. | D1 |
| 4. Act as active member of the health care delivery team. | D3 |
| 5. Demonstrates the legal and ethical issues in managerial role | D4 |

(A) Alignment Course Intended Learning Outcomes of Knowledge and Understanding to Teaching Strategies and Assessment Strategies:

| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|---|--|-----------------------------|
| a1.Explains the principles, functions, elements, process, leadership styles and the role of the manager as a controller, supervisor and director of administration. | Lecture Discussion Explain using organization chart | Essay type Short answers |

(B) Alignment Course Intended Learning Outcomes of Intellectual Skills to Teaching Strategies and Assessment Strategies:

| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|---|---|-----------------------------|
| b1. Formulate principles of recording, reporting, writing job description and strategies for time management. | Lecture Discussion Simulated Exercises | Essay type Short answers |

C. Alignment Course Intended Learning Outcomes of Professional and Practical Skills to Teaching Strategies and Assessment Strategies:

| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|-----------------------------------|---------------------|-----------------------|
| Not applicable | - | - |

(D) Alignment Course Intended Learning Outcomes of General and Transferable Skills to Teaching Strategies and Assessment Strategies:

| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|---|---|-----------------------------|
| d1.Shows responsibility as a nurse manager in budgeting, staffing and organizational structure. | Lecture Discussion Simulated Exercises | Essay type Short answers |
| d2. Act as an active member of the health care delivery team. | Lecture Discussion Simulated Exercises | Essay type Short answers |



d3. Demonstrates the legal and ethical issues in managerial role

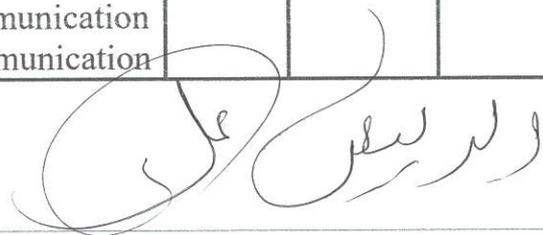
Lecture discussion
Demonstration

Essay type
Short answers

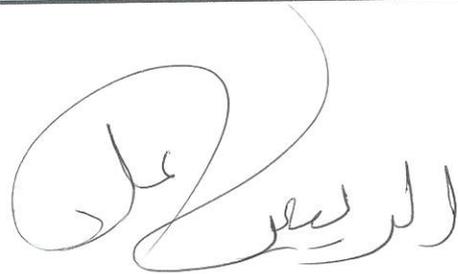
| III. Course Content: | | | | | |
|-------------------------|----------------------------|---|--------------|---------------|-------------------|
| A – Theoretical Aspect: | | | | | |
| Order | Units/Topics List | Sub Topics List | No. of Weeks | Contact hours | Learning Outcomes |
| 1 | Introduction to Management | <ul style="list-style-type: none"> • Introduction to management • Define management • Functions of management • The health care system historically and today. • Professional service delivery. • Managerial systems. | 1 | 2 | a1 |
| 2 | Planning | <ul style="list-style-type: none"> ▪ Definition of planning ▪ Nature of planning ▪ Importance of planning ▪ Principles of planning ▪ Characteristics of planning ▪ Advantages and disadvantages of planning ▪ Components of planning ▪ Steps of planning ▪ Types of planning ▪ Planning process | 1 | 2 | a1,b1,d1,d2,d3 |
| 3 | Organizing | <ul style="list-style-type: none"> ▪ Definition of organization ▪ Nature of organization ▪ Importance of organization ▪ Unit of organization ▪ Theories organization ▪ Principles of organization ▪ Steps of organization ▪ Organizational structure ▪ Organizational characteristics | 2 | 4 | a1,b1,d1,d2,d3 |



| | | | | | |
|---|----------------------|---|---|---|-----------------|
| | | <ul style="list-style-type: none"> ▪ Roles and functions of manager in organizational structure ▪ Job description and analysis | | | |
| 4 | Budget | <ul style="list-style-type: none"> ▪ Concept of budget ▪ Budget: integration role and function ▪ Purposes of budgeting ▪ Features of budgeting ▪ Importance of budgeting ▪ Principles of budgeting ▪ Classification of budgeting ▪ Budgeting process | 2 | 4 | a1,b1,d1, d2,d3 |
| 5 | Staffing | <ul style="list-style-type: none"> ▪ King of staff ▪ Meaning of staffing ▪ Roles and functions of manager in staffing ▪ Philosophy of staffing ▪ Objectives of staffing ▪ Recruitment | 1 | 2 | a1,b1,d1, d2,d3 |
| 6 | Midterm exam | | 1 | 2 | a1,b1,d1, d2,d3 |
| 7 | Leading or directing | <ul style="list-style-type: none"> ▪ Nature of direction ▪ Motivation ▪ Leadership <ul style="list-style-type: none"> ○ Define leadership ○ Leadership styles: theories ○ Leadership skills ○ Leadership activities ○ Motivation ○ Basic assumptions about motivation ○ Theory of motivation ○ Contemporary views of motivation ▪ Communication: <ul style="list-style-type: none"> ○ Level of communication ○ Types of communication | 3 | 6 | a1,b1,d1, d2,d3 |



| | | | | | |
|--|---|---|-----------|-----------|-----------------|
| | | <ul style="list-style-type: none"> ○ Making assignment & factors influence of communication ▪ Supervision ▪ Time management ▪ Conflict management ▪ Human relations | | | |
| 8 | Decision making and Problem solving | <ul style="list-style-type: none"> ▪ Decision making ▪ Problem solving ▪ Decision making and communication ▪ Basic steps in decision making process | 1 | 2 | a1,b1,d1, d2,d3 |
| 9 | Controlling | <ul style="list-style-type: none"> ▪ Definition ▪ Types of management control ▪ Four steps in control process ▪ Principles of controlling ▪ Making nursing standard ▪ Evaluating quality in health care | 1 | 2 | a1,b1,d1, d2,d3 |
| 10 | Recording and reporting | <ul style="list-style-type: none"> ▪ Introduction ▪ Records ▪ Reports | 1 | 2 | a1,b1,d1, d2,d3 |
| 11 | Legal and ethical issues in managerial role | <ul style="list-style-type: none"> ▪ Accountability ▪ Negligence & Malpractice ▪ Risk management ▪ Nursing Legislation ▪ Personnel issues | 1 | 2 | a1,b1,d1, d2,d3 |
| 12 | Final exam | | 1 | 2 | a1,b1,d1, d2,d3 |
| Number of Weeks /and Units Per Semester | | | 16 | 32 | |



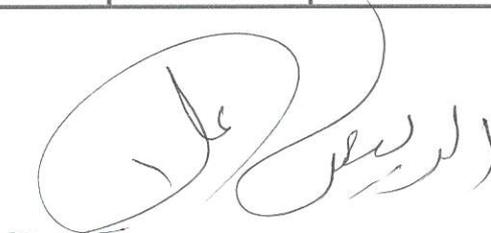
| B- Practical/clinical Aspect: | | | | |
|---|--------------------|-----------------|---------------|-------------------|
| Order | Tasks/ Experiments | Number of Weeks | Contact hours | Learning Outcomes |
| | Not applicable | - | - | - |
| Number of Weeks /and Units Per Semester | | - | - | - |

| IV. Teaching strategies of the course: | | | | |
|--|--|--|--|--|
| 1. Lecture - Discussion 2. Demonstration 3. Student assignment 4. Brainstorming | | | | |

| V. Assignments: | | | | |
|-----------------|---|------------------------|----------|------|
| No | Assignments | Aligned CILOs(symbols) | Week Due | Mark |
| 1 | Writes diet, staff duty and order supplies. | a1,b1 | 4-15 | 20 |

| VI. Schedule of Assessment Tasks for Students during the Semester: | | | | | |
|--|-------------------|---|------|--------------------------------|----------------------------------|
| No. | Assessment Method | Week Due | Mark | Proportion of Final Assessment | Aligned Course Learning Outcomes |
| 1 | Assignment | 4 th -15 th week | 20 | 20 % | a1,b1,d1,d2,d3 |
| 2 | Presentation | 4 st -14 th week | 10 | 10 % | a1,b1,d1,d2,d3 |
| 3 | Mid-term exam | 7 th or 8 th week | 20 | 20% | a1,b1,d1,d2,d3 |
| 4 | Final exam | 16 th -17 th week | 50 | 50 % | a1,b1,d1,d2,d3 |
| Total | | | 100 | 100% | |

| Clinical part | | | | | |
|---------------|--------------------------|----------|------|--------------------------------|----------------------------------|
| Assessment | Type of Assessment Tasks | Week Due | Mark | Proportion of Final Assessment | Aligned Course Learning Outcomes |
| | Not applicable | - | - | - | - |



VIII. Learning Resources:

1- Required Textbook(s) (maximum two).

1. Basavanthappa BT(2009). Nursing Administration. 1st, Published by Jaypee Brothers Medical Publishers Ltd, India.
2. Fallon L.F., Zgodzinski E. J., (2012). (3rd ed), Essentials of Public Health Management, Sudbury, Jones and Barlett Publishers.

2- Essential References.

1. Huber (2008). Nursing Management & Leadership , Elsevier
2. Marriner(2008). Guide to Nursing management , Elsevier
3. Powell (2009). Case Management, LWW

3- Electronic Materials and Web Sites etc.

1. www.Google.com
2. www.medscape.com

IX. Course Policies:

1. **Class Attendance:** At least 75 % of the course hours should be attended by the student. Otherwise, he/she will not be allowed to attend the final exam
2. **Tardy:** any student who is late for more than 15 minutes from starting the lecture will not be allowed to attend the lecture and will be considered absent.
3. **Exam Attendance/Punctuality:** Any student who is late for more than 30 minutes from starting the exam will not be allowed to attend the exam and will be considered absent.
4. **Assignments & Projects:** Assignments and projects will be assessed individually unless the teacher request for group work
5. **Cheating:** Cheating by any means will cause the student failure and he/she must re-study the course
6. **Plagiarism:** Plagiarism by any means will cause the student failure in the course. Other disciplinary procedures will be according to the college rules.

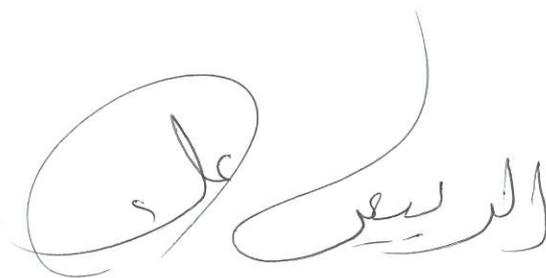


Course Specification

| I. Course Identification and General Information: | | | | | | |
|--|--|--------------------------------------|---------|----|-------|-----|
| 1 | Course Title: | Research methodology | | | | |
| 2 | Course Code & Number: | MNSG03 | | | | |
| 3 | Credit hours: 2 | C.H | | | TOTAL | |
| | | Th. | Seminar | Pr | | Tr. |
| | | 2 | - | - | - | 2 |
| 4 | Study level/ semester at which this course is offered: | First year/Second semester | | | | |
| 5 | Pre –requisite: | - | | | | |
| 6 | Co –requisite : | - | | | | |
| 7 | Program (s) in which the course is offered: | Maternal and Neonatal Health Nursing | | | | |
| 8 | Language of teaching the course: | English | | | | |
| 9 | Location of teaching the course: | Faculty of Nursing | | | | |
| 10 | Prepared By: | Prof. Nabil Ahmed Ai-Rabeei | | | | |
| 11 | Date of Approval | 2022 | | | | |

II. Course Description:

The Course is designed to enable students to develop an understanding of basic concepts of research, research process and statistics. It is further, structured to conduct/ participate in need-based research studies in various settings and utilize the research findings to provide quality health care.



III. Intended learning outcomes of the course (ILCOs) and their alignment to Program Intended learning outcomes (PILOs)

| ILCOs | PILOs |
|--|-------|
| 1. Discuss the advanced concepts of research, steps of research process and the process of making a research proposal. | A4 |
| 2. Formulate research objectives, questions and hypothesis | B4 |
| 3. Write outline of research report. | C4 |
| 4. Prepare data processing, analysis, presentation and interpretation | D2 |
| 5. Appraise the ethical implication in research. | D4 |

(A) Alignment Course Intended Learning Outcomes of Knowledge and Understanding to Teaching Strategies and Assessment Strategies:

| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|---|---|--|
| a1. Discuss the advanced concepts of research, steps of research process and the process of making a research proposal. | Lecture Discussion Exercise on writing research proposal Exercise on writing statement of problem | Essay type Short answer Objective type |

(B) Alignment Course Intended Learning Outcomes of Intellectual Skills to Teaching Strategies and Assessment Strategies:

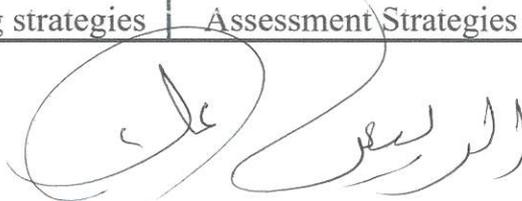
| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|---|--|--|
| b1. Formulate research objectives, questions and hypothesis | Lecture Discussion Exercise on writing research proposal Exercise on writing statement of problem, objectives and hypothesis | Essay type Short answer Objective type |

(C) Alignment Course Intended Learning Outcomes of Professional and Practical Skills to Teaching Strategies and Assessment Strategies:

| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|---------------------------------------|---|--|
| c1. Write outline of research report. | Lecture Discussion Exercise on writing research report | Essay type Short answer Objective type |

(D) Alignment Course Intended Learning Outcomes of General and Transferable Skills to Teaching Strategies and Assessment Strategies:

| Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
|-----------------------------------|---------------------|-----------------------|
|-----------------------------------|---------------------|-----------------------|



| | | |
|--|--------------------|--|
| d1. Prepare data processing, analysis, presentation and interpretation | Lecture Discussion | Essay type Short answer Objective type |
| d2. Appraise the ethical implication in the research | Lecture Discussion | Essay type |

IV. Course Content:

A – Theoretical Aspect:

| Order | Units/Topics List | Sub Topics List | No. of Weeks | Contact hours | Learning Outcomes |
|-------|---------------------------|--|--------------|---------------|-------------------|
| 1 | Introduction to Research | <ul style="list-style-type: none"> ▪ Introduction and need for research ▪ Definition of Research ▪ Purposes of Research ▪ Characteristics of good research ▪ Steps of Research process ▪ Types of Research ▪ Ethical considerations in doing research | 1 | 2 | a1,d1,d2 |
| 2 | Research Problem | <ul style="list-style-type: none"> ▪ Definition of Research Problem ▪ Sources of Problem ▪ Criteria of a good research problem. | 1 | 2 | a1,d1,d2 |
| 3 | Objectives and hypothesis | <ul style="list-style-type: none"> ▪ Definition of objectives ▪ Purposes of objectives ▪ Classification of objectives ▪ Phrasing objectives ▪ Hypothesis | 1 | 2 | a1,b1,d1,d2 |
| 4 | Review of Literature | <ul style="list-style-type: none"> • Definition of literature review • Purposes of literature review • Types of information • Sources of literature review Types of sources for a review | 1 | 2 | a1,d1,d2 |

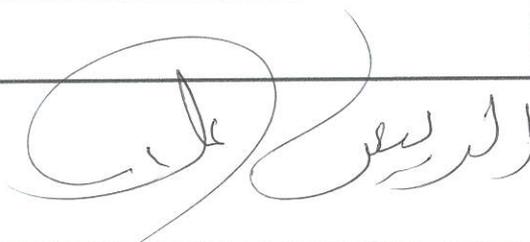
| | | | | | |
|---|-----------------------------------|--|---|---|--------------|
| | | <ul style="list-style-type: none"> • Process of the Literature Reviewing • Writing the review of literature ▪ Online search; CINHAL, COCHRANE etc. | | | |
| 5 | Research designs | <ul style="list-style-type: none"> ▪ Types of study <ul style="list-style-type: none"> ○ Observational studies <ul style="list-style-type: none"> - Descriptive studies - Analytical studies ○ Experimental studies <ul style="list-style-type: none"> - True experimental study - Quazi- experimental study | 4 | 8 | a1,d1,d2 |
| 6 | Midterm exam | | 1 | 2 | a1,b1,d1, d2 |
| 7 | Sampling technique | <ul style="list-style-type: none"> ▪ Definition of Sampling technique ▪ Definition of Population, Sample ▪ Sample size ▪ Sampling criteria ▪ Factors influencing sampling process ▪ Types of sampling techniques. | 1 | 2 | a1,d1,d2 |
| 8 | Data collection methods and tools | <ul style="list-style-type: none"> ▪ Data collection methods: <ul style="list-style-type: none"> ○ Documents and records ○ Administering Questionnaire ○ Observation ○ Interview ○ Focus group discussion • Types of tools • Validity & Reliability of the Instruments • Pilot study | 2 | 4 | a1,c1,d1, d2 |



| | | | | | |
|--|---|---|-----------|-----------|-----------------|
| 9 | Data processing and analysis | Steps of data processing and analysis: <ul style="list-style-type: none"> • Sorting data (classification) • Editing • Data processing: <ul style="list-style-type: none"> ○ Categorizing data ○ Coding ○ Summarizing the data on Master sheet | 1 | 2 | a1,c1,d1, d2 |
| | Presentation and interpretation of findings | Types of data (variables): <ul style="list-style-type: none"> • Numerical data: <ul style="list-style-type: none"> ○ Numerical discrete ○ Numerical continues • Categorical data: <ul style="list-style-type: none"> ○ Nominal ○ Ordinal Methods of presenting and interpreting the analyzed data: Text, tables, graphs and statistical measures. | 1 | 2 | a1,c1,d1, d2 |
| 10 | Writing research report and proposal | <ul style="list-style-type: none"> ▪ Writing research proposal ▪ Writing research report ▪ Critical review of published research | 1 | 2 | a1,b1,c1, d1,d2 |
| 11 | Final exam | | 1 | 2 | a1,b1,c1, d1,d2 |
| Number of Weeks /and Units Per Semester | | | 16 | 32 | |

| B - Practical Aspect: | | | | |
|--|---------------------------|------------------------|----------------------|--------------------------|
| Order | Tasks/ Experiments | Number of Weeks | Contact hours | Learning Outcomes |
| | Not applicable | - | - | - |
| Number of Weeks /and Units Per Semester | | | | |

| V. Teaching strategies of the course: |
|--|
| 1. Lecture - Discussion |
| 2. Brainstorming |



| VI. Assignments: | | | | |
|-------------------------|------------------------------|---------------------------|----------|------|
| No | Assignments | Aligned CILOs(symbols) | Week Due | Mark |
| 1 | Prepare of research proposal | a1,b1,c1,d1,d2 | 1-15 | 10 |

| VII. Schedule of Assessment Tasks for Students During the Semester: | | | | | |
|--|-------------------|---|------------|--------------------------------------|---|
| No. | Assessment Method | Week Due | Mark | Proportion of Final Assessment | Aligned Course Learning Outcomes |
| 1 | Assignment | 5th - 12th week | 10 | 10 % | a1,b1,c1,d1,d2 |
| 2 | Presentation | 4 st - 14 th week | 20 | 20 % | a1,b1,c1,d1,d2 |
| 3 | Mid-term exam | 7th or 8th week | 20 | 20% | a1,b1,d1,d2 |
| 4 | Final exam | 16th-17th week | 50 | 50 % | a1,b1,c1,d1,d2 |
| Total | | | 100 | 100% | |

| VIII. Learning Resources: | |
|---|--|
| 1- Required Textbook(s) | |
| 1. Health Research Methodology (2005).WHO Manual. | |
| 2. Kothari C.R. (2004). Research Methodology, 2nd Edt. New Age International Pub. | |
| 2- Essential References. | |
| 1. Kothari (2007). Research Methodology, Newage Publishers | |
| 2. Jagadeesh(2009). Bio Medical Research, WoltersKluwer. | |
| 3- Electronic Materials and Web Sites etc. | |
| 1. www.pubmed.com | |



IX. Course Policies:

| | |
|----|--|
| 1. | Class Attendance: At least 75 % of the course hours should be attended by the student. Otherwise, he/she will not be allowed to attend the final exam |
| 2. | Tardy: any student who is late for more than 15 minutes from starting the lecture will not be allowed to attend the lecture and will be considered absent. |
| 3. | Exam Attendance/Punctuality: Any student who is late for more than 30 minutes from starting the exam will not be allowed to attend the exam and will be considered absent. |
| 4. | Assignments & Projects: Assignments and projects will be assessed individually unless the teacher request for group work |
| 5. | Cheating: Cheating by any means will cause the student failure and he/she must re-study the course |
| 6. | Plagiarism: Plagiarism by any means will cause the student failure in the course. Other disciplinary procedures will be according to the college rules. |

