**Republic of Yemen**

**Ministry of Higher Education & Scientific Research**

**21 SEPTEMBER UNIVERSITY of MEDICALS & APPLIEED**

**SCIENCES**

Faculty of Laboratory medicine.

Course Specification of Medical Ethics
Course No. (05.02.314)

| Prepared by: | Reviewed by: | Head of the Department: | Vice Dean for Quality affairs | Dean of College: |
|---|---|---|---|---|
| Dr. Gamil Taher Abdul Mughni | Dr\Ghamdan Ahmed Altahish | | Dr\Gamil Taher Abdul Mughni | Associate Prof. Dr. Ebtesam Al-Zabedi |

| I. Course Identification and General Information: | | | | | |
|---|---|---|---|---|---|
| 1 | **Course Title:** | Medical Ethics | | | |
| 2 | **Course Code & Number:** | 05.02.314 | | | |
| 3 | **Credit Hours:** | **Theory Hours** | | | |
| | | **Lecture** | **Exercise** | Practical | **Credit Hours** |
| | | 2 | 0 | 0 | 2 |
| 4 | **Study Level/ Semester at which this Course is offered:** | First Level / 1st Semester | | | |
| 5 | **Pre –Requisite (if any):** | None | | | |
| 6 | **Co –Requisite (if any):** | None | | | |
| 7 | **Program (s) in which the Course is Offered:** | Faculty of Laboratory medicine | | | |
| 8 | **Language of Teaching the Course:** | English | | | |
| 9 | **Study System:** | semester | | | |
| 10 | **Mode of Delivery:** | Regular | | | |
| 11 | **Location of Teaching the Course:** | University Campus | | | |
| 12 | **Prepared by:** | Dr. Gamil Taher Abdul Mughni | | | |
| 13 | **Date of Approval:** | 2022-2023 | | | |

## II. Course Description:

This course will explore the ethical dimensions of medical practice. Topics will include informed consent, confidentiality, privacy, truth-telling, patient autonomy, physician-assisted suicide, and end-of-life care.

## III. Alignment Course Intended Learning Outcomes with program outcomes

| **III. Course Intended Learning Outcomes (CILOs)** | | **Referenced PILOs** |
|---|---|---|
| **A. Knowledge and Understanding:** ***Upon successful completion of the course, students will be able to:*** | | |
| a1 | Define medical ethics and its role in healthcare. | **A3** |
| **B. Intellectual Skills:** ***Upon successful completion of the course, students will be able to:*** | | |
| b1 | **Develop critical and analytical thinking to recognize** ethical principles that guide medical practice. | **B2** |
| **C. Professional and Practical Skills:** ***Upon successful completion of the course, students will be able to:*** | | |
| c1 | | |
| **D. Transferable Skills:** ***Upon successful completion of the course, students will be able to:*** | | |
| d1 | **Demonstrate** responsibility for professional Laboratory Medicine practice including the essential values of ethics, self-respect, honesty, autonomy, humanity and social justice. | **D4** |

| IV. Alignment Course Intended Learning Outcomes with Teaching Strategies and Assessment methods : | | | |
|---|---|---|---|
| (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 | **Define** medical ethics and its role in healthcare. | • Interactive lectures<br>• Self-learning<br>• Discussion | • Written exam (mid and final terms and quizzes) |
| (B) Alignment Course Intended Learning Outcomes of Intellectual Skills to Teaching Strategies and Assessment Strategies: | | | |
| | Develop critical and analytical thinking to recognize ethical principles that guide medical practice. | Lectures<br>Laboratory practical | Assessment Strategies |
| b1 | **Develop** critical and analytical thinking to recognize ethical principles that guide medical practice | • Interactive lectures<br>• Self-learning<br>• Discussion | • Written exam (mid and final terms and quizzes) |
| 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 | | | |
| (D) Alignment Course Intended Learning Outcomes of Transferable Skills to Teaching Strategies and Assessment Strategies: | | | |
| | Course Intended Learning Outcomes | Teaching strategies | Assessment Strategies |
| d1 | **Demonstrate** responsibility for professional Laboratory Medicine practice including the essential values of ethics, self-respect, honesty, autonomy, humanity and social justice. | • Seminars | • Assignment:<br>- Research<br>- Homework<br>- Team work |

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## V. Course Content:

### A – Theoretical Aspect:

| NO. | Units/Topics List | Sub Topics List | Number of Weeks | contact hours | Learning Outcomes (CILOs) |
|---|---|---|---|---|---|
| 1 | Introduction to 1. Introduction to Medical Ethics | - Definition of Medical Ethics<br>- Historical Development of Medical Ethics<br>- Uses and Applications of Medical Ethics<br>- Research Methods in Medical Ethics | 1 | 2 | a1,b1 |
| 2 | Principles of Medical Ethics | - Autonomy<br>- Beneficence<br>- Non-Maleficence<br>- Justice | 1 | 2 | a1,b1 |
| 3 | Informed Consent and Decision-Making | - Elements of Informed Consent<br>- Capacity to Consent<br>- Advance Directives<br>- Shared Decision-Making | 1 | 2 | a1,b1 |
| 4 | . Confidentiality and Privacy | - Confidentiality Principles<br>- Exceptions to Confidentiality<br>- Privacy Rights<br>- Medical Records and Information | 1 | 2 | a1,b1 |

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| | | | | | |
|---|---|---|---|---|---|
| **5** | MED TERM | | 1 | 2 | a1,b1 |
| **6** | End-of-Life Care | - Palliative Care<br>- Euthanasia and Physician-Assisted Suicide<br>- Withholding and Withdrawing Treatment<br>- Advance Care Planning | 1 | 2 | a1,b1 |
| 7 | Organ and Tissue Donation | - Donation Principles<br>- Consent and Refusal<br>- Allocation of Organs and Tissues<br>- Ethical Issues in Organ Trafficking | 1 | 2 | d1 |
| **8** | Research Ethics | - Informed Consent in Research<br>- Ethical Review of Research<br>- Risk and Benefit Assessment<br>- Data Management and Protection | 1 | 2 | b1, d1 |
| **9** | Professional Codes of Conduct | - Hippocratic Oath and Medical Ethics<br>- Professionalism and Professional Standards<br>- Conflict of Interest<br>- Integrity and Honesty | 1 | 2 | a1 |
| **10** | Role of Ethics Committees | - Institutional Review Boards<br>- Clinical Ethics Committees<br>- Research Ethics Committees<br>- Community Advisory Boards | 1 | 2 | a1,d1 |
| **11** | FINAL THEORETICAL | | 1 | 2 | b1 |
| | **TOTAL** | | 11 | 22 | a1,b1 |

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| V. Teaching Strategies of the Course: | |
|---|---|
| 1- | Lectures |
| 2- | Seminars |
| 3- | self-learning |
| 4 | Discussion |

| VI. Assessment Methods of the Course: | |
|---|---|
| **No** | **Assignment** |
| 1 | Written Exams (Short Essays) and Quizzes |
| 2 | Multiple Choice Questions (MCQ) |
| 3 | Assignment |

**VII. Assignments:**

| No. | Assessment Method | Week Due | Mark | Proportion of Final Assessment | Aligned Course Learning Outcomes |
|---|---|---|---|---|---|
| | • Assignment: | | 10 | 10% | d1 |
| 1 | • **Midterm Exam** | 8 | 20 | 20% | a1,b1, d1 |
| 2 | • **Final Exam** | 16 | 70 | 70% | a1,b1,d1 |
| | Total | | | 100% | |

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| | | | | |
|---|---|---|---|---|
| | | 100 | | |

| X. Learning Resources: | |
|---|---|
| | |
| **1- Required Textbook(s)** | |
| **1-** | Deborah Bowman, 2011, The Worried Student's Guide to Medical Ethics and Law, BPP Learning Media Limited |
| **2- Essential References.** | |
| **1-** | Jeckers, N.S., Jonsen, A.R. and Pearman, R.M. (2007): Bioethics, An Introduction, The history and practice 3rd edition, Jones and Bartlett, U.K.. |
| **2-** | الطب الشرعي في خدمة الأمن والقضاء د. منصور عمر المعايطه الرياض 2007- |
| **3- Electronic Materials and Web Sites *etc*.** | |
| **1-** | Ethics journal |
| **2-** | Biomedical ethics journal |

## X. Course Policies: (Based on the Uniform Students' By law (2007)

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|---|---|
| **1** | **Class Attendance:**<br>Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes. |

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| | |
|---|---|
| 2 | **Tardiness:**<br>A student will be considered late if he/she is not in class after 10 minutes of the start time of class. |
| 3 | **Exam Attendance/Punctuality:**<br>No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed. |
| 4 | **Assignments & Projects:**<br>Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same. |
| 5 | **Cheating:**<br>Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply. |
| 6 | **Forgery and Impersonation:**<br>Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply**.** |
| 7 | **Other policies:**<br>The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration. |