

**TISHK INTERNATIONAL UNIVERSITY**  
**FACULTY OF APPLIED SCIENCE**  
**Department of MEDICAL ANALYSIS,**  
**-2022 Spring**  
**Course Information for MA 412 MEDICAL AND PROFESSIONAL ETHICS**

**Course Name:** MEDICAL AND PROFESSIONAL ETHICS

| Code   | Regular Semester | Theoretical | Practical | Credits | ECTS |
|--------|------------------|-------------|-----------|---------|------|
| MA 412 | 8                | 2           | -         | 2       | 3    |

**Name of Lecturer(s)- Academic Title:** Heshu Jalal - asst. lecturer

**Teaching Assistant:** -

**Course Language:** -

**Course Type:** Main

**Office Hours** Wednesday

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Tel:750523333

**Teacher's academic profile:** MSc Medical microbiology BSc Medical microbiology

**Course Objectives:** 1. To understand the principles and concepts of Medical Ethics. 2. To comprehend the basics of Professionalism and Professional conduct at Medical Laboratories. 3. To recognize and distinguish an ethical issue from other issues. 4. Students should be able to provide rational justification for ethical decisions 5- Students should be able to reason about ethical issues.

**Course Description (Course overview):** As the final course students will partake in, students will have been trained to become professionals in the field of medical analysis. They will have the understanding and experience required to perform as capable analysts in several field of analysis. The course is designed as a successor to the Medical and Professional Ethics course in the sixth semester. Medical and Professional ethics refer to principles that govern the behaviour of a person or group and, in this case, the practise of our future medical analysts. Ethical and professional conduct is equally as important to students and to the public in the modern practice medical professionals. This course is designed to prepare our students for their interactions with members of the public to ensure our students own fitness to practice and protect the public and maintain the image of Medical Analysts.

**COURSE CONTENT**

| Week | Hour | Date          | Topic                          |
|------|------|---------------|--------------------------------|
| 1    | 2    | 6-10/2/2022   | Introduction to Ethics         |
| 2    | 2    | 13-17/2/2022  | Introduction to Ethics , cont. |
| 3    | 2    | 20-24/2/2022  | History of Ethics              |
| 4    | 2    | 27/2-3/3/2022 | Key Values of Ethical Issues   |
| 5    | 2    | 6-10/3/2022   | Autonomy                       |
| 6    | 2    | 27-31/3/2022  | Justice                        |
| 7    | 2    | 3-7/4/2022    | Beneficence                    |
| 8    | 2    | 10-14/4/2022  | Midterm Exam                   |
| 9    | 2    | 17-21/4/2022  | non-maleficence                |
| 10   | 2    | 24-28/4/2022  | Professionalism                |
| 11   | 2    | 8-12/5/2022   | Professional Conduct           |
| 12   | 2    | 15-19/5/2022  | Accountability                 |
| 13   | 2    | 22-26/5/2022  | Case study                     |

|    |   |               |            |
|----|---|---------------|------------|
| 14 | 2 | 29/5-2/6/2022 | Case study |
| 15 | 2 | 5-9/6/2022    | Final Exam |
| 16 | 2 | 12-16/6/2022  | Final Exam |

**COURSE/STUDENT LEARNING OUTCOMES**

- 1 Apply the ethical principles of the Global Declarations on Bioethics and Medical Ethics
- 2 Keep confidentiality of patient information and test results.
- 3 Be familiar with essential principles of Medical Ethics including Autonomy, Beneficence, Non-maleficence and justice.
- 4 Practice the fundamentals of patient's rights, privacy, consent, integrity, honesty, veracity, fidelity and respect.

**COURSE'S CONTRIBUTION TO PROGRAM OUTCOMES**

(Blank : no contribution, I: Introduction, P: Proficient, A: Advanced )

**Program Learning Outcomes**

**Cont.**

- |    |  |   |
|----|--|---|
| 1  | Evaluate clinical laboratory data by interpreting laboratory results and relating the data to various disease states.  |   |
| 2  | apply principles of evidence-based medicine to determine clinical diagnoses.   |   |
| 3  | apply the basic principles of gross and microscopic anatomy, physiology, biochemistry, immunology, microbiology/virology.  |   |
| 4  | formulate and implement acceptable treatment modalities to various disease states.   |   |
| 5  | use technology effectively in the delivery of instruction, assessment, and professional development.   |   |
| 6  | exhibit essential employability qualities by demonstrating laboratory safety, analyzing laboratory results, and displaying professional conduct.   |   |
| 7  | exhibit organizational skills, accountability, and ethical behavior.   |   |
| 8  | apply skills needed in operating laboratory equipment for testing, assessing quality assurance for lab equipment, and adhering to standard safety practices in the laboratory environment. |   |
| 9  | apply problem-solving and decision-making skills.  | A |
| 10 | apply and promote health policies and regulatory standards in the field career.  | A |
| 11 | develop research in the field of medical analysis using qualitative and quantitative methods.  | I |

**Prerequisites (Course Reading List and References):**

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**Student's obligation (Special Requirements):**

Students are expected to attend all classes of this course (without exception). A prior approval is required for class absence except for emergencies. Any student coming late will not be allowed to attend the class and he/she will be marked absent. Failure in attending a course exam will result in zero mark unless the student provides an excuse acceptable to the Dean who approves a re-sit exam. Failed courses will normally be reassessed in the scheduled semester. It is your responsibility to attend the exam at the correct time and place.

**Course Book/Textbook:**

Canon of Medicine

**Other Course Materials/References:**

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**Teaching Methods (Forms of Teaching):**

Lectures, Seminar, Assignments, , ,

**COURSE EVALUATION CRITERIA**

| Method        | Quantity | Percentage (%) |
|---------------|----------|----------------|
| Attendance    | 1        | 5%             |
| Participation | 1        | 5%             |
| Quiz          | 1        | 10%            |
| Homework      | 1        | 10%            |
| Midterm Exam  | 1        | 30             |
| Final Exam    | 1        | 40             |
| <b>Total</b>  |          | <b>100</b>     |

**Examinations:** Fill in the Blanks, Multiple Choices, Short Answers, , ,