



NATIONAL UNIVERSITY OF ENGINEERING

COLLEGE OF MECHANICAL ENGINEERING

MECHANICAL ENGINEERING PROGRAM

MB894 – MORAL AND PROFESSIONAL ETHICS

I. GENERAL INFORMATION

CODE	: MB894 Moral and Professional Ethics
SEMESTER	: 1
CREDITS	: 1
HOURS PER WEEK	: 3 (Practice)
CONDITION	: Compulsory
PREREQUISITES	: None

II. COURSE DESCRIPTION

The course prepares students in the understanding and application of the principles of moral and ethics for assuring a proper behavior as citizen and member of a corporation. Students are confronted to diverse ethical dilemmas and presenting convinced arguments to support their ideas and proposals. Ways to strength ethical behavior are analyzed and the ethics code of the Peruvian Professional Engineers Association is analyzed.

III. COURSE OUTCOMES

At the end of the course students:

1. Understand the concepts of moral and ethics and their importance im human respect and coexistence.
2. Understand the ethics code of the Peruvian Engineers association
3. Analyze ethical dilemmas from different perspectives.
4. Elaborate coherent arguments to support ideas and concepts.

IV. COURSE CONTENTS

1. MORAL NATURE

Fundamental social relationships / Social conscience / Organizational structures and norms.

2. ETHICS

Definition / Moral behavior / Social ethics / Professional ethics

3. ETHICS DOCTRINES

Approval ethics / Autonomous and heterogeneous ethics / Consequence ethics / Evolutionary ethics / Religious ethics / Analytical ethics / Phenomenological ethics / Existentialist ethics / Frankfurtian ethics / Hermeneutic ethics / Discursive ethics / Applied ethics.

4. MORAL LIFE

Theories of moral level and development / Forms of moral life.

5. APPLIED ETHICS

Ethical dilemmas / Factors promoting non-ethical conducts / Anti-value culture / Factors promoting ethical conducts / Ethics codes / Professional boards / Decision rules.

6. STRENGTHENING ETHICAL BEHAVIOR

Conflict management and revaluation / Conflict prevention / Personnel hiring / Company loyalty / Dismissals / Arbitration / Conciliation / Negotiation.

V. METHODOLOGY

The course takes place in theory and practice sessions. In theory sessions, the instructor presents the concepts and analysis methods. In practice sessions, students analyze diverse ethical dilemmas from different perspectives, and complete monographic works. Active participation of students is encouraged in all sessions.

VI. GRADING SYSTEM

The Final Grade (PF) is calculated with the following formula:

$$PF = (EP + EF + PP) / 3$$

ME: Mid-term exam

EF: Final Exam

PP: Average of quizzes

VII. BIBLIOGRAPHY

1. PHILIPPA FOOT

Ethics Doctrine

Madrid Editions, 2005.

2. PEREZ LIENDO

Professional Ethics

Trillas Editions, Mexico, 1995

3. ADELA CORTINA

Minimun Ethics

Alfaomega Editions, Spain, 2010