ADDIS ABABA UNIVERSITY
ETHIOPIAN INSTITUTE OF ARCHITECTURE, BUILDING CONSTRUCTION AND CITY DEVELOPMENT

EiABC
Ethiopian Institute of Architecture, Building Construction and City Development
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COURSE OUTLINE

I. INFORMATION

Program: Construction Technology and Management
Course Title: Introduction to Engineering Skills
Course No: **COTM 1051**
ECTS [CP]: 2
Lecture: 1 hr /week
Prerequisite: None
Name of Instructor: Geremew T.

II. COURSE DESCRIPTION

Introduction to Engineering Professions, Architecture, Civil Engineering, Construction Technology and Management, Electrical and Computer Engineering, Mechanical Engineering, Chemical Engineering, Urban Planning …

III. COURSE OBJECTIVES

After the completion of this course, the students will be able to:

1. Understand the constructive interrelation of natural & social sciences as well as business and art to engineering and their positive impact on the socioeconomic aspect of a society.
2. Understand their specific intra-and inter professional roles in the wide and vast engineering disciplines and the ethics and morals involved.

III. COURSE CONTENTS

1. Introduction to Engineering Professions

2. Professional Profiles of different engineering professions

(Architecture, Construction Management, Civil, Mechanical, Chemical, Electrical and Computer, Urban Planning.)

3. Roles of the professions in the industry, concept of Ethical professional practice

IV. LITERATURE

1. Compiled manual to be supplied by the course instructor
2. Landis, R. B. (2001), Studying Engineering, 2nd Edition, Discovery Press, Burbank, CA.
3. “Beyond Engineering: How Society Shapes Technology”, Robert Pool, Oxford University Press, 1997

V. ASSESSMENT/EVALUATION & GRADING SYSTEM

According To ECTS Evaluation System