

Department of Civil Engineering

Course Number CEng3192

Course Name Technical Report Writing and Research Methodology for Engineers

Degree Program B.Sc. in Civil Engineering

Module Integrated Civil Engineering Design

Course Coordinator Name: . Office location . Mobile: . ; e-mail: . Consultation Hours:

Lecturer Name: . Office location . Mobile: . ; e-mail: . Consultation Hours:

EtCTS Credits 4

Study Hour ♣ Lecture 15 hrs.

- Class discussion, group work and presentation 40 hrs.
- Assessment 15 hrs.
- Home Study 38 hrs.
- **Total 108 hrs.**

Objectives The objective of the course is to equip students with effective report writing skills and research methodologies. Students shall develop solid technical report and paper/thesis writing skills, analysis and data interpretation techniques, and research

Competencies methodologies. Students shall develop good technical report and paper/thesis writing skills, analysis

Course Description/ and data interpretation techniques, and research methodologies.

Course Contents

- Report overview: features, functions, and classification of reports.
- Communication: definition, processes, barriers, and communication channels.
- Distinguishing features of a technical report.
- A technical report: rational of a research report.
- Guidelines on identification of semester project.
- The research process: data sources, data collection, text organization, the writeup.
- Preparation of bibliography.

Pre-requisite EnLa1012

Semester VI

Status of the Course Compulsory

Learning Teaching

Methods

Lectures, class works, assignments, group discussions, presentations

Assessment

Techniques

Continuous assessment and final exam

Course policy All students are expected to abide by the code of conduct of students and the 211 Senate Legislation of the University throughout this course. Academic dishonest including cheating, fabrication, and plagiarism will not be tolerated at any stage during your studies and will be reported to concerned bodies for action. While team work is highly encouraged, dependence and copying ones work and submitting other's work is considered as serious act of cheating and shall be penalized. If you are having problems with the assignments or tests, contact the instructor as soon as possible. Students are

expected to attend class regularly. Minimum of 80 % attendance during lectures and 100 % attendance during presentation, except some unprecedented mishaps. A student who misses more than 20% of the semester class is not eligible to sit for final exam. Punctuality is equally important.

Literature 1. Alley, M. (1999), The Craft of Editing: A Guide for Managers, Scientists, a
nd

Engineers, 1st edition, Springer

2. Ranjit Kumar , (1999), Research Methodology: A Step-by-Step Guide
for

Beginners , Sage Publications Ltd

Approval Section Name of course Instructor _____ Signature date .

Name of course team leader . Signature date . Name of department head . Signature .date