

Technical Communication & Report Writing for Engineers

Engineering

Course Identity	ENG-301 Technical Communication 2 Credits Semester 5
Discipline	Engineering

COURSE DESCRIPTION

A practical course plan for engineering lecturers conducting technical writing and oral presentation classes.

COURSE LEARNING OUTCOMES (CLO)

- 1. Write clear engineering progress reports and technical proposals in English.
- 2. Deliver professional engineering presentations using visual aids.

WEEKLY TOPICS & PLAN

Week 1: Foundations of Technical English
Week 2: Structure of Engineering Reports
Week 3: Data Visualization & Chart Descriptions
Week 4: Executive Summaries
Week 5-7: Group Project Presentations
Week 8: Final Project Portfolio

KEY TERMINOLOGY & VOCABULARY

Feasibility Study, Abstract, Schematic, Specification, Tolerance, Methodology, Flowchart.

LEARNING ACTIVITIES

Peer review sessions, live technical presentation rehearsals.

TASKS & ASSESSMENT SCHEME

Student Tasks: Technical Report Draft (40%), Technical Presentation (40%), Peer Review (20%).

Assessment: Evaluated using the Technical Report Rubric and Oral Presentation Rubric.

REFERENCES

Beer, D., & McMurrey, D. (2019). A Guide to Writing as an Engineer. Wiley.