

Course: Professional Skills

credits: 2

Course code	WBVH18RC
Name	Professional Skills
Study year	2022-2023
ECTS credits	2
Language	English
Coordinator	A.E. Westerhoff

Modes of delivery	Education
Assessments	Reporting/Communication - Assignment

Learning outcomes

After finishing this module:

- Students will be able to produce a technical or research report related to engineering and writing in the workplace and will have improved their ability to write clearly and accurately.
- Students will understand the basic components of definitions, descriptions, process explanations, and other common forms of technical writing.
- Students will be familiar with basic technical writing concepts and terms, such as audience analysis, jargon, format, visuals, and presentation, and apply the APA format.
- Students will be able to read, understand, and interpret material on engineering. They will have an appreciation for some of the ideas, issues, and problems involved in writing about mechanical engineering and in workplace writing.
- Students will be familiar with basic sources and methods of research and documentation on topics in engineering, including on-line research. They will be able to synthesize and integrate material from primary and secondary sources with their own ideas in research papers.
- Students will evaluate and discuss the reports of peers and learn how to defend the choices made in their own research/internship/assignment.

Content

Report Writing is a field and a profession with a unique history and distinctive practices. Likely few, if any, of you will become professional technical writers. But you will become professionals possessing specialized knowledge and information in the field of Mechanical Engineering. To convey your knowledge to diverse audiences in unique settings necessitates that you become accomplished, professional technical communicators. As technical communicators, you will craft messages using ever changing and increasingly powerful, integrated, and convenient media. While writing remains the undeniable focus of this course, you will also have opportunities to develop your speaking and visual design skills. Ultimately, this course will prepare you to communicate knowledge and information through various means to multilevel audiences of experts, professionals, and lay persons.

Included in programme(s)

Mechanical Engineering VWO a 3-year variant

School(s)

Institute of Engineering

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