Curriculum Guide
INTRODUCTION TO TECHNICAL COMMUNICATION

COURSE DESCRIPTION

This course introduces students to the principles and practices of technical communication. Students will learn how to analyze audiences, design documents, and write effectively in various technical and professional contexts. The course will emphasize clarity, conciseness, and usability in written and visual communication.

COURSE OBJECTIVES

Students will be able to...

- Understand the role of technical communication in professional and technical fields.
- Analyze audiences and tailor communication accordingly.
- Create clear, concise, and well-structured technical documents.
- Use visuals and document design principles effectively.
- Develop skills in writing reports, instructions, and digital content.
- Apply ethical considerations and accessibility principles in technical communication.
- Utilize collaboration and revision strategies for improving technical documents.

COURSE MODULES

Module 1	Module 2	Module 3
The Background	The Concepts of TCOM	Going Forward in TCOM

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MODULE	CHAPTER	DESCRIPTION
Module 1 **The Background**	**What is Technical Communication (TCOM)?**	Define TCOM, its purpose, and its relevance in modern fields.
	History of Technical Communication	Explore the historical development of technical communication.
Module 2 **The Concepts of TCOM**	**Technical/Professional Editing**	Teach revision strategies, voice, tone, and consistency in written communication.
	What is Information Architecture? (Different Parts of TCOM)	Explain IA principles including organization, labeling, navigation, and search systems.
	Technical Writing	Introduce the principles and applications of writing clear, purposeful documents for diverse audiences.
	Ethics	Discuss ethical responsibilities in language, accessibility, and transparency.
	Audience Analysis	Examine how to tailor content to meet audience needs, expectations, and backgrounds.

Module 2 **The Concepts of TCOM**	**Usability Testing**	Introduce usability testing methods that improve clarity and accessibility of content.
	Instructional Design	Explore strategies for designing effective, learner-focused instructional materials.
	Web Design (UI/UX)	Apply technical communication to digital design by creating intuitive layouts, ensuring accessibility, and testing with users to enhance clarity and usability.
Module 3 **Going Forward in TCOM**	**Different Careers in TCOM**	Highlight various roles in TCOM such as technical writers, editors, web developers, and UI/UX professionals.
	Future of TCOM (AI Integration)	Explore how AI and emerging tools are shaping the future of communication and content creation.
	Getting Involved	Encourage student engagement through clubs, advancing education, and mastering TCOM tools.
	KSU TCOM Program	Present academic pathways and support resources.

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#	QUESTION	TYPE	ANSWER
1	What is the main goal of technical writing?	Multiple Choice	**Inform clearly and concisely**
2	True or False: It's okay to slightly exaggerate a product's features in technical documents if it helps sales.	True/False	**False**
3	Which of the following describe common types of audience analysis? (Select all that apply)	Select All	**Demographic, Psychographic, Situational, Technical**
4	Which of the following is not part of the usability testing process?	Multiple Choice	**Reviewing legal policy**
5	Put the stages of the ADDIE instructional design model in the correct order.	Ordering	**1. Analysis; 2. Design; 3. Development; 4. Implementation; 5. Evaluation**
6	Accessibility in UI/UX only benefits users with disabilities.	True/False	**False**
7	Which of these careers is likely to involve editing manuals and gathering user feedback?	Multiple Choice	**Technical Writer**