

Innovating Online Learning in Technical and Professional Communication

A strategic initiative to transform online TPC education through advanced instructional design, catering to a diverse, tech-savvy student population.

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Project Purpose

- Enhance student engagement and learning outcomes.
- Incorporate up-to-date technology and teaching methodologies.
- Address diverse learning needs and styles.

Overview of Learning Outcomes

- Develop advanced technical writing skills.
- Foster collaborative working abilities.
- Cultivate ethical and inclusive communication practices.

Learning Outcomes

Advanced technical writing skills	Ability to articulate complex technical concepts clearly and effectively.
Collaborative working abilities	Proficiency in working effectively in team settings, both as a leader and contributor.
Ethical and inclusive communication	Understanding and applying ethical considerations and inclusivity in professional communications.
Digital literacy and technology utilization	Competence in using modern digital tools and platforms for professional communication.
Critical thinking and problem-solving	Ability to analyze problems critically and propose viable solutions.
Project management and organization	Skills in managing projects efficiently, including planning, execution, and time management

Overview of Learning Activities

- Technical Writing Exercises:

Enhance writing precision and clarity.

- Group Projects:

Encourage teamwork and collaborative problems-solving.

- Case Studies on Ethics:

Explore real-world scenarios to develop ethical awareness.

Learning Activities

Technical writing exercises	Practicing writing technical documents and reports.
Group projects	Collaborative tasks requiring teamwork and joint problem-solving.
Ethical case studies	Analyzing real-world scenarios to discuss ethical considerations in professional communication.
Digital tool workshops	Training sessions on using various digital communication tools and platforms.
Critical analysis assignments	Exercises focused on critical evaluation of case studies or existing technical documents.
Project planning simulations	Simulated exercises to practice project planning and management skills.

Outcome Assessment

Peer-reviewed technical reports	Written technical documents reviewed by peers for clarity and effectiveness.
Group presentation evaluations	Assessments of group project presentations focusing on teamwork and communication.
Ethics portfolio	A compilation of analyzed case studies and reflections on ethical communication.
Digital proficiency checkpoints	Examination or practical checkpoints on the use of digital tools.
Critical analysis papers	Written assignments critiquing technical documents or case studies.
Project management reports	Reports or presentations demonstrating the planning and execution of a simulated project.

Course Map Overview

Learning Outcomes	Learning Activities	Outcome Assessments
Advanced technical writing skills	Technical writing exercises	Peer-reviewed technical reports
Collaborative working abilities	Group projects	Group presentation evaluations
Ethical and inclusive communication	Ethical case studies	Ethics portfolio
Digital literacy and technology utilization	Digital tool workshops	Digital proficiency checkpoints
Critical thinking and problem-solving	Critical analysis assignments	Critical analysis papers
Project management and organization	Project planning simulations	Project management reports

Implementation Strategy

Implementation Steps:

1. Curriculum Redesign

Incorporate new activities and assessments.

1. Faculty Training

Ensuring instructors are equipped to deliver enhanced content.

1. Technology Integration

Utilizing online platforms for collaborative and interactive learning.

Expected Impact and Benefits

Key Impacts:

- Elevated student engagement and achievement.
- Preparation for real-world technical challenges.
- Promotion of ethical and inclusive professional practices.

Course Schedule

Note: Changes to the schedule will be communicated by the instructor and posted in the Course Announcements area in D2L.

Due Date #	Calendar Date	Assignments Due
Getting Started		
1	Sunday ----	☐ 1.1: Introduction and Syllabus Review (Interactive Google Activity) ☐ 1.2: Experiences & Expectations (Multimedia Survey) ☐ 1.3: Connections and Perspectives (Collaborative Discussion)
Project 1		
2	Thursday ---- Discussion Responses Due Sunday ----	☐ 2.1: Technical Writing Exercises: Writing technical documents and reports (Discussion & Online Forum) Discussion Responses Due: Flexible Window [Sunday ----]
3	Sunday ----	☐ 3.1: Group Projects: Collaborative tasks for teamwork and joint problem-solving (Group Discussion) ☐ 3.2: Reflective Check-In 1 (Multimedia Assignment)
4	Thursday ---- Discussion responses due Sunday ----	☐ 4.1 Ethical Case Studies: Analyzing real-world scenarios in professional communication (Video Discussion Board) Responses Due: Flexible Window [Sunday ----]
5	Thursday ---- Discussion responses due Sunday ----	☐ 5.1: Digital Tool Workshops: Training on digital communication tools and platforms (Interactive Discussion Board) Responses Due: Flexible Window [Sunday ----]
6	Thursday ----	☐ 6.1: Critical Analysis Assignments: Evaluation of case studies or technical documents (Peer Feedback Forum) ☐ 6.2: Reflective Check-In 2 (Multimedia Assignment)

7	Thursday ----	☐ 7.1: Project Planning Simulations: Practice in project planning and management (Interactive Discussion Board)
8	Sunday ----	☐ 8.1 Continuation of Project Planning Simulations (Peer Feedback Forum)
9	Thursday ----	☐ 9.1: Further Development in Project Planning and Management (Assignment) ☐ 9.2: Reflective Check-In 3 (Multimedia Assignment)
10	Thursday ----	☐ 10.1: Peer Review and Revision of Project Plans (Discussion Board & Assignment) ☐ 10.2: Drafting and Development of Final Project Plan (Group Discussion)
11	Sunday ----	☐ 11.1: Final Review and Peer Feedback on Project Plans (Discussion Board) ☐ 11.2: Polishing and Finalizing Project Plans for Submission
12	Thursday ---- Discussion Responses due Sunday ----	☐ 12.1: Submission of Final Project Plans (Assignment & Peer Review) ☐ 12.2: Introduction to Project 2: Remix (Interactive Discussion) ☐ 12.3: Reflective Check-In 4 (Podcast or Video Submission) Responses Due: Flexible Window [Sunday ----]
Project 2 Recommendation Remix		
13	Thursday --	☐ 13.1: Selecting a Report to Remix (Discussion Board) ☐ 13.2: Developing Remix Proposal (Assignment)
14	Sunday ----	☐ 14.1: Initial Drafting and Discussion on Remix Project (Collaborative Discussion)
15	Thursday ----	☐ 15.1: Full Draft of Remix for Peer Review (Discussion Board) ☐ 15.2: Reflective Check-In 5 (Assignment)

16	Thursday ---	☐ 16.1: Peer Review of Remix Projects (Assignment) ☐ 16.2: Synchronous Individual Conferences for Feedback and Guidance
17	Sunday ----	☐ 17.1: Final Submission of Project 2 Remix (Multimedia Assignment)
Project 2.5 Final Reflective Self-Assessment		
18	Thursday ----	☐ 18.1: Feedback on Project Instructions (Google Activity) ☐ 18.2: Mapping Your Learning Journey in TPC (Interactive Discussion) ☐ 18.3: Identifying and Assigning Learning Artifacts (Digital Portfolio Assignment)
19	Sunday ----	☐ 19.1: Drafting the Course Reflection (Multimedia Assignment)
20	Thursday ---	☐ 20.1: Final Course Reflection Presentation and Activity (Interactive Presentation)

Thank You!

For further inquiries or feedback, please contact

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