

Technology English & Interdisciplinary Communication

- Credit numbers: 2
- Instructor:
- Instructor's Office:
- Office Hour:
- E-mail:
- Extension:
- Blog:
- Course Objectives

This course is designed to develop students' English communication skills through topics related to emerging technologies and interdisciplinary applications. It introduces key concepts such as generative AI, the Internet of Things (IoT), and digital media, helping students become familiar with the vocabulary and expressions used to describe technology in everyday life and professional contexts. Through guided reading of articles and topic-based materials, students will strengthen their ability to understand technological concepts and analyze their impact on society.

The course also emphasizes interactive learning through discussions and collaborative activities. Students will practice expressing their opinions, explaining technological ideas, and responding to different perspectives in English. These activities are designed to improve students' fluency, critical thinking, and confidence in communication, especially when discussing complex or interdisciplinary topics. By engaging with real-world issues, students will learn how to organize their thoughts and communicate ideas clearly and effectively.

In addition, the course focuses on outcome-based learning through presentations and project work. Students will apply what they have learned to present topics related to technology and its applications, demonstrating their ability to use English to explain concepts, share insights, and communicate information in a structured and professional way. By the end of the course, students are expected to present their ideas with greater clarity and confidence in interdisciplinary contexts.

Syllabus :

Week	Contents
1	Class Orientation, Grouping, Technology Outlook
2	Tech, Media & Telecom Predictions: Introduction
3	Generative AI in Asia Pacific
4	Generative AI and Enterprise Software
5	Are New Generative AI features in Software a Monetizable Enhancement or Table Stakes?
6	Taking Control: Generative AI Trains on Private, Enterprise Data
7	Walking the Tightrope: As Generative AI meets EU regulation, Pragmatism is likely
8	Affective Computing: Emotion-aware Technology and the Evolution of

	Human-center Design
9	Midterm Presentation
10	Media: Driven to tiers: Streaming video services look to up their profitability game with viewers
11	Media: Shuffle, Subscribe, Stream
12	How AI can Enhance the Humanity in Health Care on Government's Future Frontiers
13	What does it Take to Run a Metaverse?
14	Telecom: Smartphone Authentication
15	Telecom: Keeping it Local
16	Strengthening the Bonds of Human and Machine Collaboration
17	Final Presentation
18	Online Learning: Future of 5G: Consumers have rapidly Adopted 5G but are Waiting for Killer Apps

- **References:**

Compiled handouts and eBooks from the Language Center.

Articles and multimedia resources related to emerging technologies, including AI, IoT, and digital media.

- **Grading:**

Assignments and Quizzes (60%)

Students will complete reading-based tasks, quizzes, and topic-related assignments to develop their understanding of technological concepts and their ability to use English in context.

Midterm Presentation (20%)

Students will present a technology-related topic to demonstrate their ability to explain concepts and communicate ideas clearly in English.

Final Presentation (20%)

Students will present a final project on a technology-related topic, showing their ability to organize information and communicate effectively in an interdisciplinary context.