



Sungkyunkwan University (SKKU) International Summer Semester (ISS) 2024

# Technology, Society and Sustainability

Prof. Priyank Chandra, University of Toronto

## SHORT COURSE DESCRIPTION

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This course provides an exploration into the relationship between technology and society. It examines the impacts technology has on individuals, communities, and the environment, with a focus on themes such as development, justice, sustainability, among other areas. Through theoretical frameworks and case studies, the course will equip students with an understanding of how technological advancements are both shaping and being reshaped by the world around us.

## READING MATERIALS

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All reading materials (as pdfs) will be uploaded before the start of ISS.

## COURSE REQUIREMENTS AND GRADING

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The classes will consist of lectures and discussions. Students are expected to read and reflect upon assigned readings before class and actively participate in class discussions. They will also work on a case study project.

Grading:

- Attendance: 10%
- Discussions: 20%
- Group Project - Case Study: 50%
- Reflections: 20%

## TENTATIVE COURSE SCHEDULE

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### – WEEK I –

Monday (1 July): Introduction to Course

Tuesday (2 July): Technology and Well-Being

Wednesday (3 July): Technology and Sustainability

Thursday (4 July): The Politics of Technology

### – WEEK II –

Monday (8 July): Technology and Poverty

Tuesday (9 July): Technology and Pollution

Wednesday (10 July): Technology and Violence

Thursday (11 July): Digital Colonialism

### – WEEK III –

Monday (15 July): Technology and Justice

Tuesday (16 July): Technology and Identity

Wednesday (17 July): Technology and Disability

Thursday (18 July): Technology and Resistance

**– WEEK IV–**

Monday (22 July): Designing Technologies for the Margins

Tuesday (23 July): The Future of Technologies

Wednesday (24 July): Course Wrap-up