

## Workshop in International Cooperation (I): Science, Technology, and International Politics

Spring 2026

Instructor: Jisoo Hyun (jisoo28@snu.ac.kr)

Meeting Times: Tuesday 2:00 to 4:50 pm

Location: Building 140, Room 103

Office Hours: by appointment

### **COURSE DESCRIPTION**

Rapid developments in new technologies have the potential to transform the international landscape. At the same time, the international environment also shapes the development of new technologies. This course examines the interactions between science and technology and global politics. It first introduces students how science and technology have been addressed within the theories of international relations. Then it surveys the intersection between technological change and various outcomes in international politics by exploring the cases from the early modern period through the present time. In doing so, it will consider how technological trajectories have influenced, and been influenced by, international affairs.

### **COURSE SCHEDULE (ABBREVIATED)**

W1 (3/3)      An Introduction to the Course

#### Part I. Different Approaches to Studying Technology and International Politics

W2 (3/10)      Which Technologies Matter

W3 (3/17)      Science and Technology in IR (1) Traditional approaches

W4 (3/24)      Science and Technology in IR (2) Alternative approaches

#### Part II. Science and Technology, and Changes in the International System

W5 (3/31)      Science and Technology in the Early Modern Age

W6 (4/7)        Science and Technology in the Industrial Age

W7 (4/14)      Science and Technology in the Nuclear Age

W8 (4/21)      Science and Technology in the Information age

W9 (4/28)      [Research Proposal Workshop](#)

W10 (5/5)      **No Class (Children's day)**

#### Part III. Political Economy and Geopolitics of Science and Technology

W11 (5/12)     Why Some Countries are Better at Technology

W12 (5/19)     Technology and Economic Power Transitions

W13 (5/26)     Strategic Technologies and Economic Statecraft

W14 (6/2)        AI and Global Politics

W15 (6/9)        [Final Research Paper Presentation](#)

W16 (6/16)      [Final Research Paper Submission – Due by 11:59 PM](#)

**\*\*More details will be provided in the first week of class**

## **PREREQUISITES & COURSE FORMAT**

Although there are no prerequisites to attend the course, students are expected to be conversant with the major approaches and theories of International Relations. The format of this course will be based on a combination of lecture and seminar, but with a heavy focus on the latter. Thus, each student is expected to complete all the required reading each week and to contribute to the class discussion.

## **GRADING & ASSIGNMENTS**

Grades will be based on weekly attendance and participation (25%), discussion memos (20%), presentation & discussion leading (20%), and final research paper (35%).

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## **ADDITIONAL COURSE POLICIES**

### **Ethics**

Ethical violations including, but not limited to, plagiarism, reuse of assignments, improper use of the Internet, forgery and falsification, and academic dishonesty will not be tolerated and will result in class failure (F) and an official report to the Graduate School of International Studies. Document your sources. If you take text or an idea from another, cite your source material with a proper footnote and/or bibliographic entry. Citation is not only the proper thing to do, but it also establishes your position in an intellectual conversation that builds on the work of others. Unacknowledged use of another's work can result in allegations of misuse of sources and/or plagiarism. Academic honesty is expected.

### **Laptop and Cell Phone Policy**

Laptops and other electronic devices may be used for NOTE-TAKING ONLY. Any course-unrelated activities such as web surfing, emailing, and online chatting during the class are NOT allowed. No cell phone use (including phone calls, texting messages, recording, and/or phone applications) will be permitted during the class.