

# CALL FOR APPLICATIONS

## SUMMER INTERNATIONAL EXCHANGE

### The Role of Artificial Intelligence (AI) in the Future of Work and Society

August 2 - August 11, 2025

Hiroshima University, Hiroshima JAPAN

#### 1. Background

How will Artificial Intelligence change the world?

Artificial intelligence has been rapidly infiltrating our lives. From the use of voice assistant on smartphones to self-driving cars, AI is everywhere. Much of the attention and discussion so far has been around the amazing output from generative AI and the risks involved, such as many jobs getting replaced by AI. However, main focus should be on the need for adaptation of society. People must be prepared to adjust their strategies to keep up with the rapid advances in Artificial Intelligence.

#### 2. Program Overview

In order to understand the impact of AI, it is important to understand the key dimensions of the work/social context and policies in which AI is used. In this intensive course, students will discuss the key dimensions of the current understanding of AI's role and risks in transforming work and society.

Students will be expected to identify a case study in order to conduct an in-depth analysis. They will undertake data collection using primary and secondary sources, academic literature, and government literature desk research as well as through participant observation and site visits with representatives of stakeholder groups. Students will be expected to conduct an analysis of the case in small groups and prepare a report to be presented in the final class.

**Theme:** The Role of Artificial Intelligence (AI) in the Future of Work and Society

**Period:** August 2 - 11, 2025

**Expected Participants:** ASU10-15, PU10-15, UT 10 and HU up to 20

**Program:**

- The students and faculty (up to ten from the four institutions) will break into subgroups of four people each to work together to develop ideas for the future use of AI in a number of key fields relating to the future of work and society, with a focus on Japan.
- The course work will be enhanced by a set of field study visits in the Hiroshima region during the course.
- Peace Studies is also planned; there will also be a visit to the Atomic Bomb Dome and Peace Memorial Museum as well as participation in the annual August 6 Peace Memorial Ceremony and personal account of A-bomb survivor in Hiroshima.
- The program deals with themes like "social changes due to AI," "Japanese government policies on AI," "Latest AI technologies," and "effects of radiation exposure on the human body"

### 3. Objectives

#### The program:

- offers a unique opportunity for students to obtain AI/Data Science literacy.
- helps students understand different cultures and increase mutual understanding - In addition to communication skills, there are many other abilities required, international education, cross-cultural adaptability, problem-finding and problem-solving skills, teamwork, leadership (in bringing diverse people together), and a sense of ethics, so to speak, comprehensive human skills.
- offers a unique opportunity for students to learn about peace in the Peace City of Hiroshima.

### 4. Program Schedule (tentative)

		AM(9:00-12:00)	PM(13:30-17:00)
1-Aug	Fri	Arrival day	
2-Aug	Sat	Opening Ceremony/Orientation	Lecture1: Artificial Intelligence, Ethics, and the Future of Work and Society Lecture2: Group Work Skills Group Work1
3-Aug	Sun	Free day	
4-Aug	Mon	Lecture3: by A-bomb Survivor	Lecture4: Radiation Damage
5-Aug	Tue	Field study1: Local Company	Panel discussion 1: Artificial Intelligence Use in Higher Education Group Work2
6-Aug	Wed	Field study2: Peace Memorial Ceremony Field study3: Atomic Bomb Dome/Peace Memorial Museum	Free
7-Aug	Thu	Field study4: Local Company	Lecture6: Automatic Operation Group Work3
8-Aug	Fri	Field study5: Local Company	Panel discussion2: Application of Artificial Intelligence on the Future of Work Group Work4
9-Aug	Sat	Case study 1: AI in Healthcare	Panel discussion3: Policies and Regulation of Artificial Intelligence Group Work5
10-Aug	Sun	Preparation for final presentation	Free day
11-Aug	Mon	Final Presentation	Closing Ceremony, Certificate award
12-Aug	Tue	Departure day	

## **5. Course certificate/Credits**

- 2 credits: X9001001 "International Co-creation Workshop"

## **6. Expected Participants: 50-60 students in total**

10-15 from Arizona State University

10-15 from Purdue University

10 from University of Texas at Austin

20 from Hiroshima University

## **7. Eligibility, Academic Requirements**

- Eligible participants: undergraduate/graduate students with any majors
- English proficiency (TOEIC 680 or higher, or similar in other proficiency tests)

## **8. Participating cost**

- Program fees (lectures, company visits, chartered bus): Free of charge
- Meals and commuting cost paid by each participant:

\*This program is a part of the flagship international educational exchange programs sponsored by the Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan.