

2021S Common Subjects in the Department of Engineering / School of Engineering

New Course
Offering

Cultivating Resilience
in a world with
the 'New Normal'

International Collaborative Practice I-X

► For Third and Fourth year students

(Special) International Collaborative Practice I-X

► For Graduate students

2021S Online Information Session

2021 Tuesday, April 6th, 2021. 18:45 -19:45

The information session will be held on Zoom. The URL can be accessed by using the QR code or at:
<https://docs.google.com/spreadsheets/d/1g2D7VI8289Sp-CsvNIQIXRBak7iLBe9DaNbk2h8BfEA/edit?usp=sharing>.

To access this link, you need to login with your ECCS account. The link can be also found at the Website of the Division of Global Education, IIIIEE: <https://global-eng.t.u-tokyo.ac.jp/index>.



S
Semester

(Special) International Collaborative Practice I

Undergraduate FEN-CO3980S3 Graduate 3799-401
GCIP Staff : innovation-for-well-being@googlegroups.com

Global Co-creation Innovation Program

Lui Yoshida, Yusuke Tsuji

In this course, students develop business proposals internationally to be able to play an active role internationally. The theme of this course is "Innovation for Well-being: The Challenge of Creating a World Beyond GDP" and students will be asked to set up issues and create business proposal that will help realize "Well-Being," which is the physical, mental, and social health and happiness of each individual. Throughout the course, there will be various learning opportunities such as lectures about the future and business, and interactive sessions with people from companies and ministries outside the university. We plan to include students from overseas, and although we will basically use English, we will prepare an environment where discussions themselves can be held in mother languages. This is a time when students can take on many challenges and make many mistakes, so we hope that you will use this course as a place to practice your international activities.

S
Semester

(Special) International Collaborative Practice II

Undergraduate FEN-CO3981S3 Graduate 3799-402
Matthew Richardson : richardson@cce.t.u-tokyo.ac.jp

International Satellite Design Project

Yoshiaki Nakano, Matthew Richardson

ISDP is an English-language team project which can be taken for credit by UTokyo undergraduate and graduate students. Students participating in this project will have the opportunity to learn about satellite design and spacecraft engineering while working on a conceptual design for a space mission. In the 2021S Semester, this project will be conducted online.

A
Semester

(Special) International Collaborative Practice III

Undergraduate FEN-CO3982S3 Graduate 3799-403
Murilo Marques Marinho : murilo@nml.t.u-tokyo.ac.jp

Teleoperated Robots: The Basics of Design, Fabrication, and Control

Mamoru Mitsuishi, Murilo Marques Marinho

Teleoperated robots, such as those used in handling hazardous materials and in the surgical field, are expected to become an integral part of our society in the (near) future. In this hands-on project, the students will put together an international team; assemble a robot arm with six-degrees-of-freedom; and design, fabricate, and control an interface to move that robotic arm. The necessary parts for the robot arm will be distributed to the students as a kit. The lectures will be held online.

* These two courses will be offered also in the A Semester.

A
Semester

(Special) International Collaborative Practice IX

Undergraduate FEN-CO3988S2 Graduate 3799-409
Asako Uchibori : uchibori@cce.t.u-tokyo.ac.jp

International Understanding and Communication

Asako Uchibori

The purpose of this course is to deepen international understanding as well as to enhance skills for international communication in English. Students will have online sessions with MIT students in English and Japanese and with students at KTH (Royal Institute of Technology, Sweden) in English, four times each. Students will be divided into small groups or pairs and work together to make presentations. The online sessions will be conducted outside of school hours due to time differences. In class, students will prepare for the sessions and share their feedback to improve their ability to effectively communicate with people from various cultural and linguistic backgrounds around the world.

