2021 S1S2 Dept. of Engineering Common Courses

Creative Engineering Project for Undergraduate I・II

Creative Engineering Project I

Graduate: 3799-024

Notice: Change in Credit Allocation

Creative Engineering Project for Undergraduate I (FEN-CO4904P2)
Creative Engineering Project for Undergraduate II (FEN-CO4906P2)

The number of credits awarded for the above subjects will be increased from 1.5 to 2 for students matriculating in 2021. However, please note that credits earned for these subjects will be awarded based on the handbook for your academic year. For example: students who matriculated in 2020 or earlier and take these courses for credit will still earn 1.5 credits.

NEW

Automobile Safety Technology Project
Masayuki Nakao+Takuma Ito

Develop novel safety systems to prevent traffic accidents by utilizing cutting-edge technologies such as AI, IoT and V2X.

Takuma Ito
ito@pmt.t.u-tokyo.ac.jp

Artificial Intelligence Application Project
Yutaka Matsuo+Yusuke Iwasawa

This project aims to develop cutting-edge AI-software to control human support robots with the global competition (World Robot Summit) as a theme.

Yusuke Iwasawa
iwasawa@weblab.t.u-tokyo.ac.jp

Global Co-creation Expedition
Yoshiaki Nakano+Chie Sato

In this project you participate in an expedition to global co-creation scenes both in Japan and abroad, to obtain new insights for your future career. Through a series of dialogues with various governmental and third-party experts.

Chie Sato
sato@biotech-inc.co.jp

UT innovators’ Guild
Akira Hirose+Koji Nagatsuna

UT innovators’ Guild is a group of people who wish to design, create, and develop something new. You will be able to work with professional with various business/technical backgrounds. If you have any business idea, please bring it over. Let’s work together to materialize it.

Koji Nagatsuna
rngtsn@g.ecc.u-tokyo.ac.jp

International Historic Car Rally Project
Masayuki Nakao+Kohei Kusaka

Restore an old car, modify the car for historic car rally and enter an international historic car rally to finish it. You can get not only Monodaku experience but also international experience from this project.

Kohei Kusaka
kusaka@mech.t.u-tokyo.ac.jp

Robot Contest Project
Yasuaki Kuniyoshi+Ryuma Niiyama+Kohei Kusaka

Learn how to build a robot system designed for an optimal strategy. The goal of this project is to be a winner in the NYK/ABU Robot Contest.

Ryuma Niiyama
creative_robot@iimi.t.u-tokyo.ac.jp

Student Formula Project
Masayuki Nakao+Kohei Kusaka

You will plan, design, manufacture and test a formula racing car to enter “Student Formula SAE Competition of Japan”. Not only manufacture a racing car, you will manage a virtual company.

Kohei Kusaka
kusaka@mech.t.u-tokyo.ac.jp

International Internship
Hironori Kato

Enhance practical expertise and international communication ability through technical experience of international internship.

Hironori Kato
kato@cdl.t.u-tokyo.ac.jp

Autonomous Driving Project
Masayuki Nakao+Takuma Ito

Develop various autonomous driving functions by installing sensors and calculators to electric golf carts.

Takuma Ito
ito.t@pmt.t.u-tokyo.ac.jp

International Aviation System
Hiroko Nakamura+Jorg Entzinger

International Project Based Learning about Aviation Business cooperating with Boeing.

Hiroko Nakamura
utcair@gmail.com

Start-up Training(Hongo)
Keisuke Nagato+Yuki Sugue

Join the startup training with Komaba Students and Tokyo University of the Arts Students. This program is the part of Sony-UT social collaboration course.

Yuki Sugue
yuki.sugue@gmail.com

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Chie Sato
sato@biotech-inc.co.jp

UT Drone Project
Takeshi Tsuchiya+Yoshichika Sakamoto

Learn the current state of drone and create new business plans utilizing drone.

Takeshi Tsuchiya
tsuchiya@mail.ecc.u-tokyo.ac.jp

Online Using Zoom

Please check the Zoom URL in the syllabus and use it to access the guidance session.

S1S2 Guidance

Apr.5 Mon

18:45-20:30 (6th period)

Individual guidance for each project is also provided. Please check the syllabus for the guidance schedule.