

Creative Engineering Project for Undergraduate I・II

I ▶ Undergraduate B3 S1S2:FEN-CO4904P2

III ▶ Undergraduate B4 S1S2:FEN-CO4906P2

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-CO4905P2)
- Creative Engineering Project for Undergraduate III(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

AI wolf Project

Fujio Toriumi

Develop AI agents to play werewolf games to participate the International AIWolf Contest. Learn programming and AI techniques.

Fujio Toriumi

tori@sys.t.u-tokyo.ac.jp

EV Project

Masayuki Nakao・Kohei Kusaka

By building an electric-powered formula racing car and participating in the Student Formula Japan Competition, students will learn about the characteristics of electric vehicles and experience a series of manufacturing projects. Beginners are welcome. Technical Advisor: Yuta Yaguchi

Kohei Kusaka

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

Artificial Intelligence Application Project

Yutaka Matsuo・Yusuke Iwasawa

Plan and develop a project to apply artificial intelligence technology to robot control. Participation in international robotics competitions (Robocup) is also encouraged.

Yusuke Iwasawa

creative_eng@weblab.t.u-tokyo.ac.jp

Educational Innovation Project

Lui Yoshida

Create proposals for initiatives, tools (EdTech), etc. that will lead to educational innovation.

Lui Yoshida

luyoshida@g.ecc.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@biztech-inc.co.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@hnl.t.u-tokyo.ac.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 background. If you have any business idea, please bring it over. Let's work together to materialize it.

Koji Nagatsuna

t-ngtna@g.ecc.u-tokyo.ac.jp

International Internship

Hironori Kato

This program provides you with an opportunity of technical experience through international internship. It enables you to enhance practical expertise. You are required to participate in the IAESTE program.

Hironori Kato

kato@civil.t.u-tokyo.ac.jp

Flying Robot Project

Takeshi Tsuchiya

Design, build and fly a Flying robot for the Student Indoor Flying Robot Contest.

Takeshi Tsuchiya

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

Robot Contest Project

Yasuo 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 NHK(ABU) Robot Contest.

Ryuma Niiyama

creative_robot@isi.imi.i.u-tokyo.ac.jp

International Aviation System

Hiroko Nakamura

International Project Based Learning about Aviation Business cooperating with Boeing.

Hiroko Nakamura

utcair@gmail.com

Startup Training (Hongo)

Keisuke Nagato・Yuki Sugieue

The training part of Sony's social collaboration course, where you can learn the start-up method of technology x design x business through social implementation.

Yuki Sugieue

yuki.sugieue@ignite-your-ambition.com

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. Technical Advisor: Yuta Yaguchi

Kohei Kusaka

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

UT Drone Project

Takeshi Tsuchiya・Yoshichika Sakamoto

Create new business plans and educational programs utilizing drone. Visit elementary and junior high schools to offer classes.

Takeshi Tsuchiya

tsuchiya@mail.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 Monodukuri experience but also international experience from this project. Since this year is the final year, no new recruitment will take place.

Kohei Kusaka

kusaka@mech.t.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

Tue

18:45~

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

