

Creativity Engineering Project for Undergraduate II

Undergraduate: FEN-CO4905P2

Creativity Engineering Project II

Graduate: 3799-023

Notice: Change in Credit Allocation

■ Creative Engineering Project for Undergraduate II (FEN-CO4905P2) ■ Creative Engineering Project for Undergraduate I (FEN-CO4904P2)
 ■ Creative Engineering Project for Undergraduate III (FEN-CO4906P2)
 The number of credits awarded for the above subjects has 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.

Online Using Zoom

Please check the Zoom URL in the syllabus or ITC-LMS and use it to access the guidance session.

A Semester Guidance & S Semester Debriefing Session

Oct. 4 Tue 18:45~

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

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

Startup Training (Hongo)

Keisuke Nagato • Yuki Sugiue

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 Sugiue yuki.sugiue@ignite-your-ambition.com

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

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

UT Drone Project

Takeshi Tsuchiya

Create new business plans and educational programs utilizing drone.

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

Global Aviation Business

Hiroko Nakamura

We learn and discuss the Aviation Industry with Airbus Japan.

Hiroko Nakamura techhn@mail.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

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

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

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 • Yoshiyuki Ohmura • Kouhei 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. (In 2022A1A2, the project will be opened but no new recruitment will take place. The next new recruitment will take place in 2023S1S2.)

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

