Creativity Engineering Project for Undergraduate II

Creativity Engineering Project II

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

Arificial Intelligence Application Project
Yutaka Matsuyo-Yusuke Iwasawa
Plan and develop a project to apply artificial intelligence technology to robot control. Participation in international robotics competitions (Robocon) is also encouraged.
Yusuke Iwasawa creative_eng@weblib.t.u-tokyo.ac.jp

UT innovators’ Guild
Akira Hirose-Koji Nagatsu
UT innovators’ Guild is a group of people who wish to design, create, and develop something new. You will be able to work with professionals with various business/technical background. If you have any business idea, please bring it over. Let’s work together to materialize it.
Koji Nagatsu tingtra@iee.ecc.u-tokyo.ac.jp

Global Aviation Business
Hiroki Nakamura
We learn and discuss the Aviation Industry with Airbus Japan.
Hiroki Nakamura techni@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 experience. You are required to participate in the IAESE program.
Hironori Kato kato@cvil.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@iee.ecc.u-tokyo.ac.jp

Flying Robot Project
Takashi Tsujiya
Design, build and fly a flying robot for the Student Indoor Flying Robot Contest.
Takashi Tsujiya tsujiya@iee.ecc.u-tokyo.ac.jp

Robot Contest Project
Yasuo Kuniyoshi-Yoshimi Ohmura-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. (In 2022A1A2, the project will be opened but no new recruitment will take place. The next new recruitment will take place in 2023A1B2.)
Yoshimi Ohmura creative_robot@is1.imi.u-tokyo.ac.jp

SCHOOL OF ENGINEERING
THE UNIVERSITY OF TOKYO

2022 A1A2 Dept. of Engineering Common Courses

Undergraduate: FEN-C04905P2
Graduate: 3799-023

Notice: Change in Credit Allocation
Creative Engineering Project for Undergraduate II (FEN-C04905P2)
Creative Engineering Project for Undergraduate II(FEN-C04904P2)
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.