Creativity Engineering Project for Undergraduate II

Exploring "New Normal" with other nations
Lul Yoshida-Chie Sato
Learn international understanding by exploring the "New Normal" in the coronavirus era in multi-national collaboration with students and faculty of university and experts from industry.

Global Aviation Business
Hiroko Nakamura-Jorg Entzinger
We talk and discuss with the Aviation Industry about the business in this timing.

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.

International Satellite Design Project
Shuichi Rokugawa-Matt Richardson
Participate in the Satellite Design Contest and get hands-on experience in spacecraft design, systems engineering and international teamwork.

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.

Autonomous Driving Project
Masayuki Nakao-Takuma Ito
Develop various autonomous driving functions by installing sensors and calculators to electric golf carts.

EV Project
Masayuki Nakao-Kohei Kusaka
Entering EV race, you know as much about characteristics of Electric Vehicles and tune it. We will use Tesla model S as a racing car for this season, and will choose next machine.

Challenge the world with your research
Shuichi Rokugawa-Chie Sato
You will devote a research creation scene from your own research topic, with wider perspectives on policy, industry, regulation, and international situations which will be given by the seasoned professionals.

International Internship
Hironori Kato
Enhance practical expertise and international-communication ability through technical experience of international internship.

Startup Workshop (Hongo)
Kelsue Nagato-Yuki Sugiuere
Join the ideation-workshop with Komaba Students and Tokyo University of the Arts Student which aim to find rough idea and teammate. This program is the part of Sony-UT social collaboration course.

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

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 Monodrug experience but also international experience from this project.

Vintage Car Renewal Project
Masayuki Nakao-Kohei Kusaka
Installing electronic controlled fuel injection system to 1939 Rolls Royce Phantom II V12 engine, we restore the machine as a new one.

Robot Contest Project
Yasu Kuniyoshi-Satoshi Nishikawa-Kohei Kusaka
Learn how to build a robot system designed for an optimal strategy. The goal of this project is to win the NIK/Bu Robot Contest. In 2020 A2, the project will be opened but no new recruitment will take place. The next new recruitment will be take place in 2021 (1/12).

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

A Semester Guidance & S Semester Debriefing Session
Sep.28 Mon. 16:50-(5th period)

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

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