2014 Winter Semester Dept. of Engineering Common Courses

Creative Engineering Project II

Engineering Project Super Info Session

Oct.9 Thu 16:40-18:20
@Bldg #14 Room 141

Institute for Innovation in International Engineering Education, Global Center for Innovation in Engineering Education (GCIIEEE)
http://gcieee.t.u-tokyo.ac.jp/  03-5841-8800  secretay-esp@t-adm.t.u-tokyo.ac.jp

Electric Vehicle Project
Yoichi Hori-Hiromitsu Fujimoto-Kohei Kusaka
You will plan, design, manufacture and test an electric vehicle. Last year this project entered the "Student Formula SAE Competition of Japan".

Science Understanding Promotion
Shinji Suzuki-Koji Miki-Yasuko Nakamura
We teach science to fifth graders at an elementary school. Through the planning of the class you understand the essence of a science topic and get the ability of science communication.

Global Aviation Business
Shinji Suzuki - Yuko Nakamura
International Project Based Learning about Aviation Business cooperating with Airbus.

M-Skype International Communication
Kumiko Morimura - Yasuo Tsuchimoto
Exchange language through Skype with students at MIT (Massachusetts Institute of Technology).

Cloud Computing Project
Hideki Mima
Learn how to develop cloud apps such as internet search engines, web services and big data apps using OSS.

Flying Robot Project
Shinji Suzuki-Takeshi Tsuchiya
Kenji Karasawa - Shigeru Kanekawa
Design, build and fly a Flying Robot for the Student Indoor Flying Robot Contest.

Historic Car Rally Project
Kohei Kusaka - Kumiko Morimura
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 Monodokuri experience but also international experience from this project.

3D Printer Creation Project
Hidekazu Mimura - Toshiki Niino
Learn how to design and make a 3D printer in a low cost way. The goal of this project is to attend a contest (ex. Make 2014@Tokyo)

SNOWBALLS
Kumiko Morimura - Jorg Entzinger
We develop a UT original e-learning system, create its content, and enhance English / Japanese proficiency necessary for science and engineering in a bilingual setting.

Formula Project
Masayuki Nakao - Kohei Kusaka
You will plan, design, manufacture and test a formula racing car to enter the "Student Formula SAE Competition of Japan". Not only manufacture a racing car, you will manage a virtual company.

International Internship
Akira Hirose - Hironori Kato
Tatsuya Banno - Shinji Suzuki
Enhance practical expertise and international-communication ability through technical experience of international internship (IAESTE internship).

Let’s develop applications using RFID
Akira Hirose - Koji Nagatsuna
The program aims to understand the basic process of putting ideas into design, translating the designs into executable codes and developing devices to meet the fulfill users’ needs.

Robot Contest Project
Yasuo Kuniyoshi
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.