

国際高度人材キャリア開発プログラム

Career Development Program for International Professionals (CDIP)

GUIDANCE



CDIPs Program Office
The Institute of Innovation in International
Engineering Education,
School of Engineering,
The University of Tokyo

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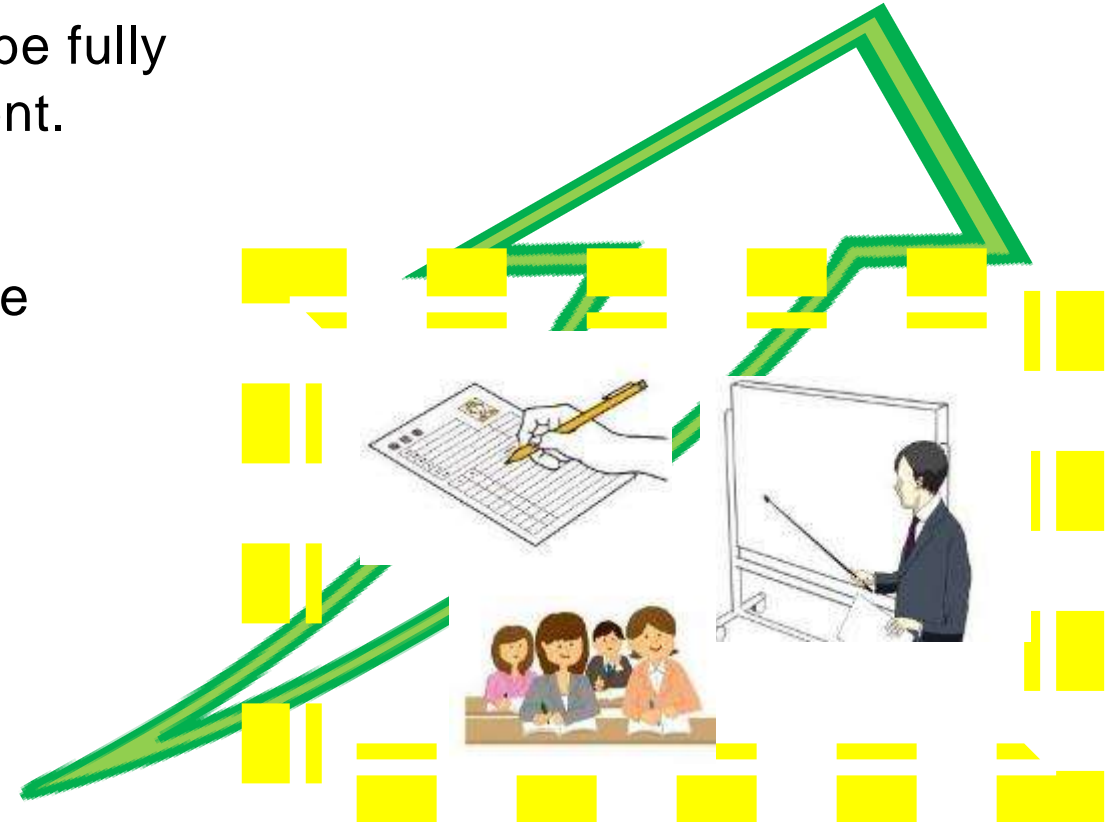
Career Development Program for International Professionals (CDIP)

Concept

We will provide the necessary support for your **career development** in which your potential could be fully activated in the Japanese social environment.

Eligible students

Any international graduate students who are interested in starting a career in Japan



Certificate/Scholarship

Certificate of completion

- Presenting at seeking employment
- Signed by President of the University of Tokyo
- Priority when you change the visa status

Scholarship granted to this program

- Registered students are eligible to apply
- FY 2025, from April 2025 for 12 months (expected)
 - JASSO: 13 students, 48,000Yen/Month×12
 - JASSO: 9 students, 20,000Yen/Month×12

For further inquiry Email: inquiry@cdip.t.u-tokyo.ac.jp



※Image

**Monbukagakusho
Honors Scholarship
for Privately-Financed
International Students**

Course requirements for certificate

At least **5.0 credits** from following three sections:

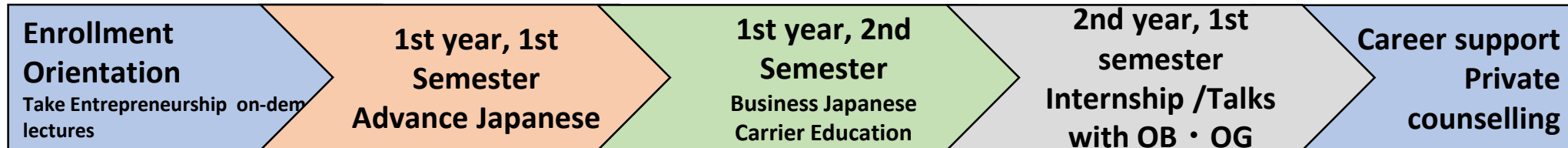
Japanese (≥ 2.5 credits), **Career Education** (≥ 1.5 credits), **Internship** (≥ 1 credit)

1

2

3

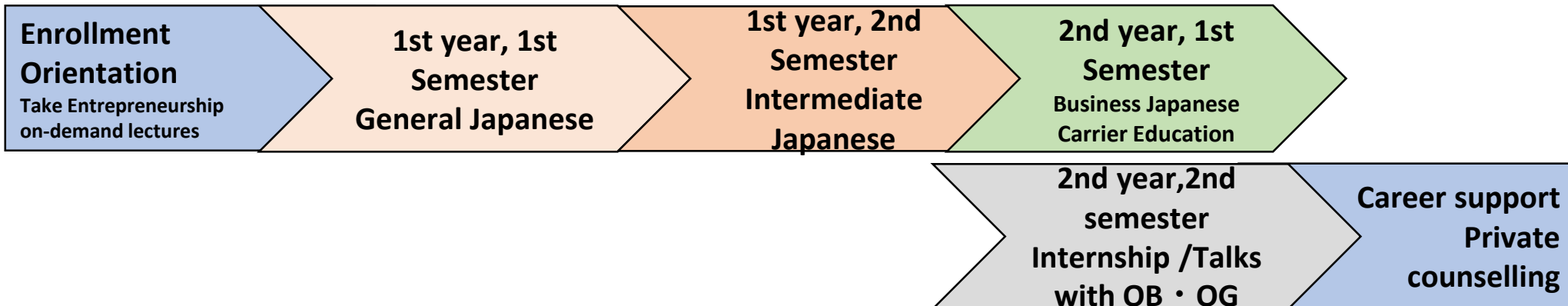
Japanese proficiency : **Above N2 level, Master student or Doctoral student**



Japanese proficiency : **N3 level, Master student or Doctoral student**



Japanese **Beginner, Doctoral student, or master student** who seek to enter Doctoral course



Japanese Language Course School of Engineering (JLCSE)

<https://www.jlcse.t.u-tokyo.ac.jp/en/>

- Objective:** Offering Japanese language education for graduate students and researchers at the School of Engineering to obtain Japanese language ability for daily living and specialized research work
- Period:** 2 semesters/year April (S1S2) & October (A1A2) 14 weeks/semester
- Courses :** 7 level 32 courses (Beginning, Intermediate, Advanced)
- Credits:** 2 credits per once-a-week course

Registration: *STAR (Students Tools for Access and Review)*

<https://www.jlcse.t.u-tokyo.ac.jp/en/star-en/>

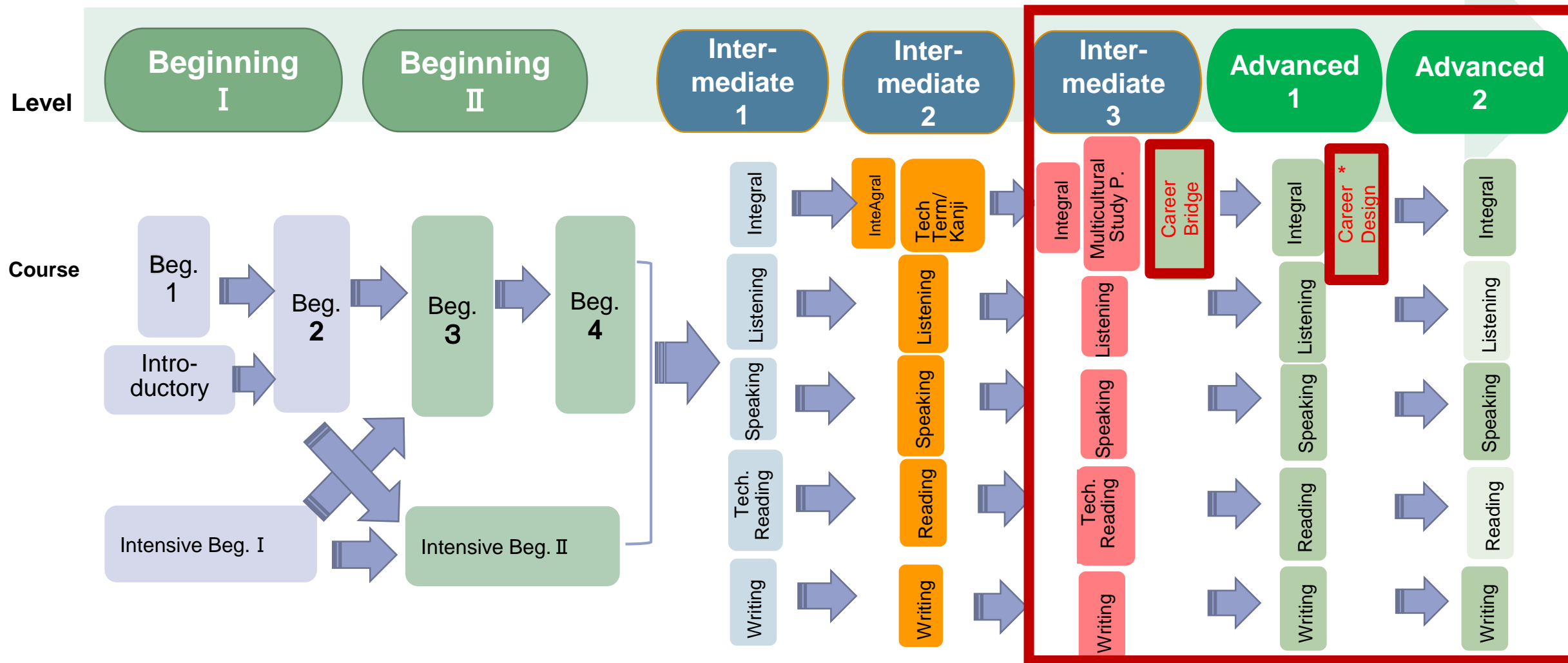
Deadline for S semester of 2025: April 14, 2025

STAR



Japanese Language Course School of Engineering (JLCSE) Course Steps

<https://www.jlcse.t.u-tokyo.ac.jp/en/>



Make a plan and take Japanese Language courses !

For CDIPs

Japanese language requirements for CDIPs

Internship

Career Education

2.5 credits or more

N1
N2

Japanese courses/Intermediate 3, Advanced 1 - 2

2 credits

N2

Summer and Winter Intensive Courses/Business Japanese

0.5 credit

N2

On-demand Video Streaming/Business Japanese

0.5 credit

Entrepreneurship

Email: inquiry@cdip.t.u-tokyo.ac.jp

Career Education

- Entrepreneurship
 - Entrepreneurship I,II (3799-371, 3799-372 : 1 credit)
 - On-demand lectures (five videos)
- Japanese Career Bridge (2 credits)
- Japanese Career Design (2 credits)
 - Intensive Course/Career (0.5 credit)
 - On-demand Video Streaming/Career (0.5 credit)
- Engineering Literacy I,II
 - Business Strategy & Intellectual Property (3799-150: 1 credit)
- Frontier of Technology I,II (3799-021, 3799-022: 2 credits)

			
工学リテラシーII-事業戦略と知的財産-(3799-150:1 単位) 2021.9			
修士・博士対象			
<p>概要: 高い専門性は持ちつつ、リーダーシップ、課題設定・解決・遂行力、責任感・使命感、高いコミュニケーション能力、情報・機密等に優れた能力を涵養し、複合領域で柔軟な応用力を持つことを目指した教育プログラムの一環として実施する。イノベーション、技術マネジメント、リーダーシップ、事業戦略、知的財産管理、機密などをキーワードとし、産業界等の第一線で活躍されている講師による講演。</p>			
履修スケジュール: 木曜日 4 限(1455-1640) 場所:オンライン			
日 時	講 師	講 義 内 容	
10 月 7 日 (木)	笠原 茂樹 東京大学大学院工学系研究科 機械工学専攻 特任教授	ガイダンス	
10 月 21 日 (木)	菅田 泰 コランダム・イノベーション株式会社 事業開発部 ディレクター	エンジニアからコンサル、VC への転職の過程で得た経験・知恵の広がり	
11 月 4 日 (木)	辻村 孝 株式会社 荏原製作所 フロー	今そこにある危機・半導体は産業の米・顕微鏡・物流?	
11 月 11 日 (木)	高橋 和昭 株式会社日立製作所 ヤスナビリティ推進本部 副本部長	非財務価値が重視される企業経営と立の取り組み	
11 月 18 日 (木)	島田 英樹 独立行政法人日本貿易振興機構(ジェトロ) スタートアップ支援部長	ジェトロの活動及びスタートアップ支援の数組み	
12 月 2 日 (木)	杉山 晋也 独立行政法人日本貿易振興機構(ジェトロ) 知的財産部 アドバイザー	海外での知財管理	
12 月 16 日 (木)	新井 拓 一般財団法人 電力中央研究所 エネルギー・トランスフォーメーション研究本部 研究統括 原子力(設備保全)分野統括 (兼)材料科学研究所 誘電・破壊評価 研究専事	確認中	
12 月 23 日 (木)	倉品 大輔 株式会社 本田技術研究所 先進パワーユニットエネルギー研究部 先進エネルギー研究ドメイン ADE	Power of Dreams ~地球上から、空、宇宙へ拡がる Honda のニューロニティ展開~	

講師や開催日時の変更を行う場合があります。GMSI の HP をご確認ください。

東京大学大学院工学系研究科機械工学専攻 GMSI プログラム事務局
〒113-8656 東京都文京区本郷 7-3-1 工学部 2 号館 203 号室
Tel/Fax: 03-5841-7427/内線 27437
E-mail: gmsi@mech.t.u-tokyo.ac.jp URL: <http://gmsi.t.u-tokyo.ac.jp/>

3024年度S152 工学部/工学系専攻/工学系専攻/工学系専攻/工学系専攻

先端技術と社会特別講義II

工学部 2 号館 212 号室

先端技術特別講義II

工学部 2 号館 212 号室

毎週水曜日 14:55-16:40 (1時間)

工学部 2 号館 212 号室

5/1, 5/8, 5/15 オンライン授業

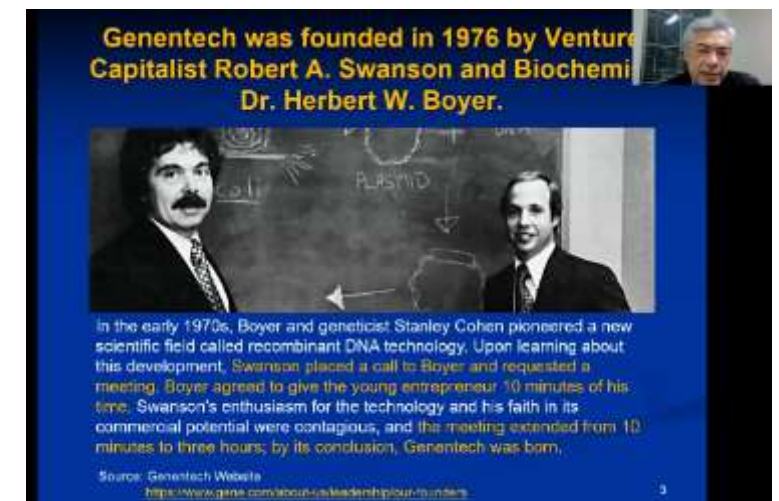
日 時	講 題	講 師
4/10	ガイダンス/半導体スタートアップによる次世代半導体の社会実装	菅田 泰
4/17	電磁波・電磁場の社会実装への取り組み	西村 大輔
4/24	「空飛ぶクルマ」と呼ばれる移動の未来	菅田 泰
5/1	理化学研究所 N-NOSE の発明と実用化	菅田 泰
5/8	CO ₂ 捕集・貯留技術の開発とその社会実装	菅田 泰
5/15	半導体ストレージで実現する AI の真実	菅田 泰
5/22	ヒルズ製出を覚える様々な技術	菅田 泰
5/29	生成 AI と事業デザイン	菅田 泰
6/5	QRコードの発展の歴史と未来	菅田 泰

Career Education

Entrepreneurship on-demand lectures

- You can reflect on career through **learning entrepreneurship** which is important even for people who do not start their own businesses
- This is a beginner-level course. If you wish to explore the topic further, we encourage you to enroll in **advanced** courses or programs.
- You can watch lectures on <https://www.cdip.t.u-tokyo.ac.jp/>

Introduction	
Session 1	Challenges Facing Innovation Ecosystem in Japan
Session 2	What is Entrepreneurship?
Session 3	University Entrepreneurship Ecosystem at the University of Tokyo
Session 4	University's Support for Entrepreneurial Students



Career Support

Japanese Career Design (2 credits)

Advanced Business A		2013 - 2014
Level:	ADVANCED	
Ref:	4460	
Period:	2013-10-01 - 2013-11-30	
Frequency:	1M - 12/30 Thursday	
Condition:	ANNU	
Comments:	To achieve the knowledge and business skills necessary to understand corporate structure and function.	
Prerequisites:	Completion of module 3, CREDIT 30, 40, 50 assignments. Required subject area: Finance accountancy 30, 40, 50. Exchange subject: 10000	
Textbook:	Owens materials	
Evaluation:	Coursework (100%), assignments (10%), examinations (20%), classwork (20%) 1. Letter of recommendation of the student's performance from the instructor. 2. Must be earned over 75% in classwork. Must complete 100% and pass all classwork. 3. All students who are not accepted for admission to ABAE must pass 75% of all assignments. 4. Minimum scores to receive all four credits can be broken down as follows: a. 75% or more on all the regular class. 4 assignments are 100% by weight. 20% of the regular class can be shared in other assignments. The student will be shared in other assignments.	

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On-demand Video Streaming/Career (0.5 credit)

3. 世界研究と企業研究

キャリア教育講座【3】-世界研究と企業研究

キャリア教育講座【3】

世界研究と企業研究

Global Research

Company Research

- ・世界研究とは？（日本の海外への展開について）
- ・世界研究の企業研究との関係性
- ・世界研究の企業研究との関係性



Japanese Courses

Internship

General internship

- Work at company as a Trainee
- **Engineering competency II -research internship-** (3799-147 2credits)
- Science and technology/practice training 1 ~ 4, Internship, Research internship I
- Internship found by yourself may be counted

Project based learning

- Make solution for problems provided by company
- **Engineering competency I -Project Based Learning-** (3799-146 2credits)
- Creative Engineering Project I, II (3799-024, 3799-023 : 2 credits)
- Joint research project with company may be counted

Duration more than 2 weeks (10days)

THE UNIVERSITY OF TOKYO

2024 S152 Dept. of Engineering Common Courses 2 credits

Creative Engineering Project for Undergraduate I-III

I • Undergraduate B3 S152
III • Undergraduate B4 S152

Creative Engineering Project I

(Course registration) Each project has a different course number. Please check the syllabus and handbook for course registration. The course number has been changed from 2023. When students who participated in 2022 earn credits for the courses offered in 2024, the credits will automatically be registered with the old course numbers.
(When enrolling in multiple projects in the same semester) Please register for the following "Common Project" and participate in each project.

Note: The course numbers correspond to Creative Engineering Project for Undergraduate I, II and Creative Engineering Project I, respectively.

Course Guidance **Apr.9 18:45-Tue**
Guidance for each individual project will also be provided. Please check the syllabus for the guidance schedule.

Online.
Please check the Zoom URL listed in the syllabus.

CO3g792 CO3g792 3799-507 MAKAIZO Project Kenji Nagata, Hideyoshi Yanagisawa Learn the process of democratically remodeling toys at home appliances to "toy-like" machines, based on the policy of "Night of the MAKAI SOCIETY". Experience actual remodeling of familiar toys. kenji.nagata@u-tokyo.ac.jp	CO3g792 CO3g792 3799-515 Mono-Lab Project Naohiko Sugita, Rieko Yoshizawa Develop and implement "workshops for creative manufacturing of Rubik's Cubing machine" for elementary school students with students participating in the project. naohiko.sugita@u-tokyo.ac.jp	CO3g792 CO3g792 3799-514 AI wolf Project Fugo Tanaka Develop AI agents to play warwolf games to participate the International AI Wolf Contest. Learn programming and AI techniques. fugo.tanaka@u-tokyo.ac.jp
CO3g792 CO3g792 3799-516 Solar Boat Challenge Naoki Hosono, Kazuo Asano, Shota Osada, Kazuo Kato, Shota Design and build a 1-passenger solar-powered boat using model-based approach (developing a digital twin and simulation environment). naoki.hosono@u-tokyo.ac.jp	CO3g792 CO3g792 3799-516 Urban Digital Twin Application Project Yoshitaka Sakurai, Yuya Uchiyama Learn the basic technology of the MIT's urban digital twin project "PLATEAU AWARD". The goal is to submit a product to the "PLATEAU AWARD", an application development competition that selects PLATEAU data. yoshitaka.sakurai@u-tokyo.ac.jp	CO3g792 CO3g792 3799-517 Chipason Masahito Ikeda, Atsuhiko Kurogi Learn practical VLSI design techniques including FPGA and edge AI system through the contest. Encourage submitting design results to design contests funded by IIT and industrial companies. masahito.ikeda@u-tokyo.ac.jp
CO3g792 CO3g792 3799-508 UT Drone Project Takeshi Tsuchiya, Yoshitaka Sakurai Create new business plans and educational programs utilizing drone. takeshi.tsuchiya@u-tokyo.ac.jp	CO3g792 CO3g792 3799-517 Artificial Intelligence Application Project Yuka Matsuo, Yuka Iwawata, Tatsuya Matsushima Plan and develop a project to apply artificial intelligence technology to robot control. Participation in international robot competitions (Robocon) is also encouraged. yuka.matsuo@u-tokyo.ac.jp	CO3g792 CO3g792 3799-511 Startup Training (Hongo) Kazuo Nagata, Yuki Sugita The training part of Sony's social collaboration course, where you can learn the start-up method of technology design a business through social entrepreneurship. kazuo.nagata@u-tokyo.ac.jp
CO3g792 CO3g792 3799-512 International Internship Hiroaki Kato This program provides you with an opportunity of technical experience through international internship. It enables you to enhance practical expertise. We are required to participate in the ILS152 program. hiroaki.kato@u-tokyo.ac.jp	CO3g792 CO3g792 3799-509 International Aviation System Taro Imamura, Miwa Kobayashi International Project-Based Learning about Aviation Business cooperating with Boeing. taro.imamura@u-tokyo.ac.jp	CO3g792 CO3g792 3799-511 Student Formula Project Yutaka Yuda, Kohji Kuroki The will plan, design, manufacture and test a formula racing car to enter "Student Formula SAC Competition of Japan". Not only research but a racing car, you will manage a critical business. Technical Advisor: Yuta Tachibana yutaka.yuda@u-tokyo.ac.jp
CO3g792 CO3g792 3799-501 Robot Contest Project Yutaka Kuretake, Yoshitaka Ohtsuka, Kohji Kuroki Learn how to build a robot system designed for an optimal strategy. The goal of this project is to be a winner in the 7th (ASCI) Robot Contest. yutaka.kuretake@u-tokyo.ac.jp	CO3g792 CO3g792 3799-520 Flying Robot Project Takeshi Tsuchiya Design, build and fly a flying robot for the Student Indoor Flying Robot Contest. takeshi.tsuchiya@u-tokyo.ac.jp	CO3g792 CO3g792 3799-520 Common Project (If you are in multiple projects during the same semester, please register for this common project.) This course is a multi-semester project-based learning course. The course number is 3799-520. The first semester is required for the course. The first grade of the project will be designated as the first grade of the project. The project will be designated as the first grade of the project. The project will be designated as the first grade of the project. common@u-tokyo.ac.jp

Division of Engineering Education, Institute for Innovation in International Engineering Education, The University of Tokyo
Tel: 070-1539-2378
E-mail: kawamatsuka@coe.tu-tokyo.ac.jp (Takaaki Kawamatsuka)

SCHOOL OF ENGINEERING THE UNIVERSITY OF TOKYO

Internship

Engineering Competency II -Research Internship- (3799-147) 2 Credits

Companies offer research theme for the internship

- Coop-J consortium (from Oct. '21)
 - 45 companies, Salary will be paid
- C-Engine program (Consortium)
 - 26 companies / 17 Univ.
- Toshiba, (Evonik, Airbus, Apollo tires, Repsol)
- 2 months or longer and report

Research Internship Guidance

Date : May 8th. 2025

16:50-18:00

Venue: Online (ZOOM)

Please contact **GMSI office** for the detail

Registration deadline, Preparation procedure etc.

GMSI (Graduate school of Mechanical System Innovation)

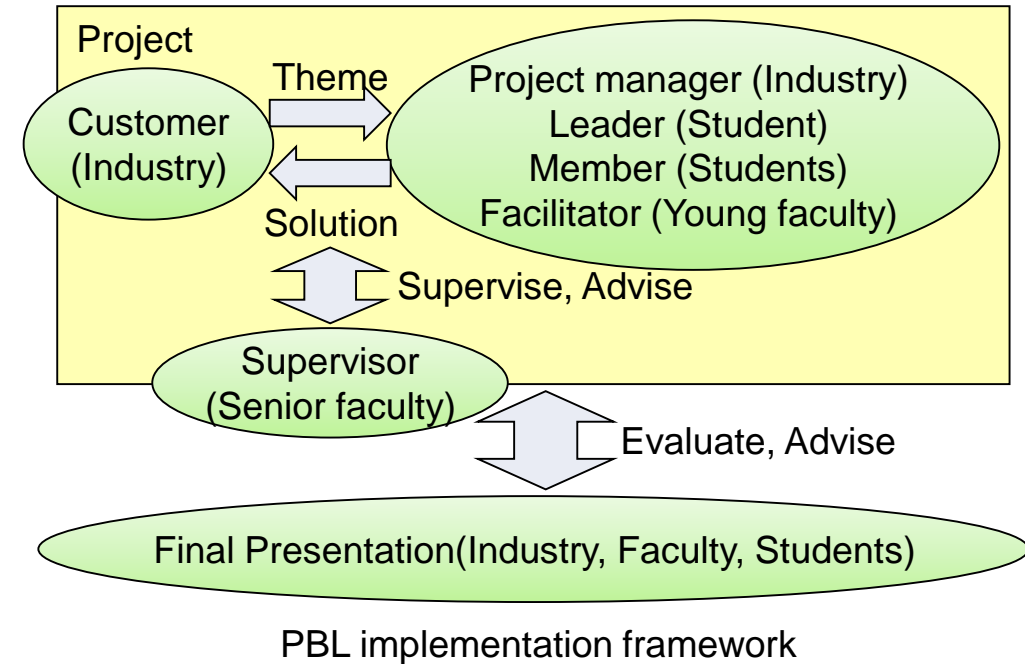
E-mail: office@gmsi.t.u-tokyo.ac.jp

URL: <https://gmsi.t.u-tokyo.ac.jp/>

Engineering Competency I -Project Based Learning (PBL)-

3. Internship

- PBL, which is one of active learning, aims to cultivate ability to succeed in Industry, Government, and Academia through problem setting/solving through coordination and integration, based on needs-oriented approach and challenges to the subjects from Industry.
- PBL is promoted by each of group, consisting of 5 – 6 members students from different fields, laboratories, nationalities, and young faculty staffs.
 - Previous comments from participants said that PBL offers good opportunities for:
 - ✓ Training of teamwork/communication.
 - ✓ Creation of hints for new business models by mixing knowledge of industry and academia, based on fresh ideas and perspective of students.
- From 2009 to 2020, PBL provided the total 57 interesting themes offered from 21 companies, and 2 departments of UTokyo.



PBL themes and participating companies in 2021

No	Company	Title
1	Hitachi Astemo, Ltd.	Business Model for Connected Autonomous Vehicle Services
2	Ebara Corporation	Platform business produced by a manufacturer
3	System JD CO., Ltd.	Verification of the 6th Basic Energy Plan for "Island"



Final presentation

Career Support

Supports and Opportunities to **develop Career** for International Students

Interact with **Alumni**



2 times a year
(Summer & Winter)
interact with **alumni**
and learn about various
industries and **careers**

Practice **Japanese Interview**



Practice Session of Japanese
▪ Group Interview,
▪ Group Discussion
▪ Interview manners

Consult about **Individual Careers**



- Consult about general job-hunting in Japan
- Correction of Japanese documents
- Personal career counseling



For more information about specific recruiting companies
and recommended applications,
please contact your **department's employment office** or
Career Office for Faculty of Engineering and Science
理工連携キャリア支援室 <http://t-career.t.u-tokyo.ac.jp/>



Eng. 2, Room 208

国際高度人材キャリア開発プログラム Career Development Program for International Professionals (CDIP) (Formerly called 留学生就職促進プログラム)

Register to download the form from CDIP website

URL: <https://www.cdips.t.u-tokyo.ac.jp/>

Email: inquiry@cdip.t.u-tokyo.ac.jp

On-demand lectures: <https://www.cdip.t.u-tokyo.ac.jp/> (without “s”!!)

