

CDIPs

国際高度人材キャリア開発プログラム
Career Development Program
for International Professionals

CONCEPT

This program aims to support master and doctoral international students developing their career at a company and academia in Japan.

CURRICULUM

Japanese: Wide range of courses for beginners to advanced learners
Career/Entrepreneurship: Several types of seminars presented by Japanese company
Internship: General internships, project based learning and joint research projects

FEATURES

Certificate for program completion
Eligible to apply for program scholarship
Personal career counseling

ORIENTATION

APRIL 5th, 2022 17:00~17:30



Venue: Online (Zoom)

<https://onl.la/WrE45ZL>

CONTACT: CDIPs Program Office
URL: <http://www.cdip.t.u-tokyo.ac.jp>
Email: ryugakusei.career-group@g.ecc.u-tokyo.ac.jp



国際高度人材キャリア開発プログラム
Career Development Program
for International Professionals

GUIDANCE

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

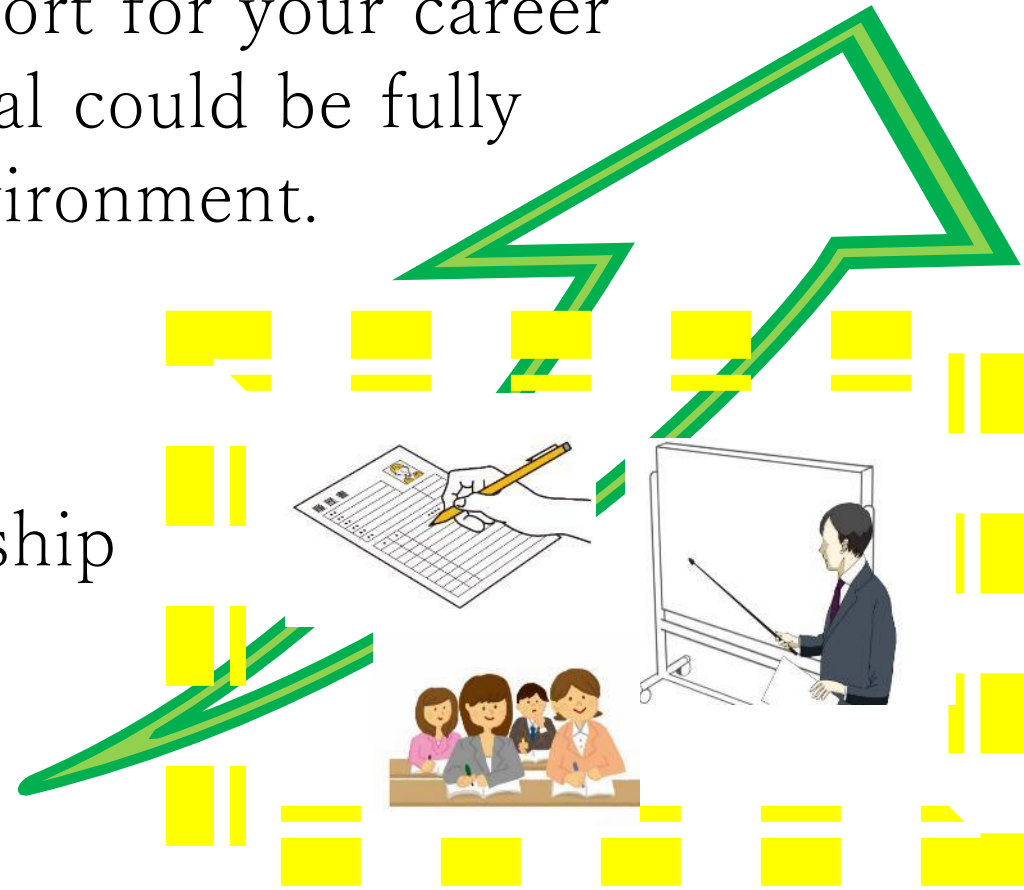
Career Development Program for International Professionals

• CONCEPT

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

• CURRICULUM

- Japanese, Career Education, Internship

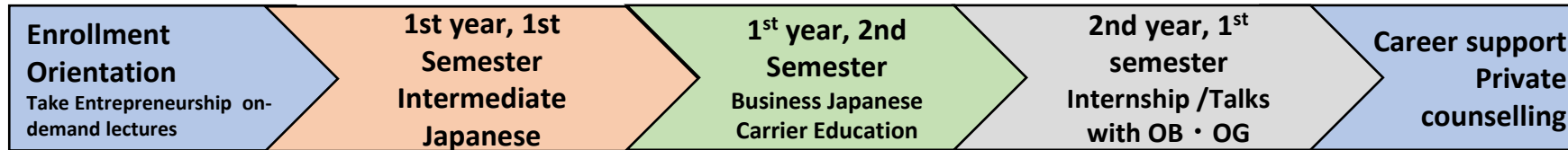


- Eligible students
 - Any international graduate students who are interested in starting a career in Japan
- Course requirements for certificate
 - at least 5.0 credits from following three sections:
 Japanese (≥ 2.5 credits), Career Education (≥ 1.5 credits), Internship (≥ 1 credit)

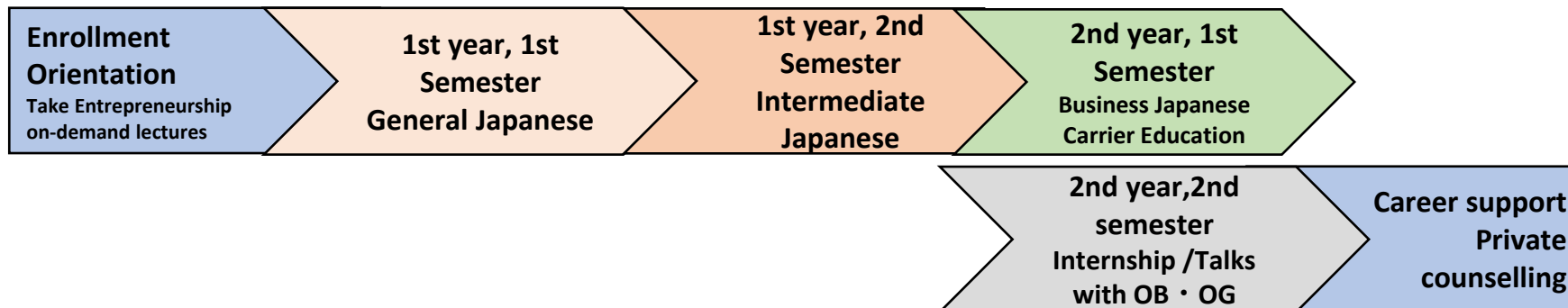
Japanese proficiency : Above N2 level, Master student or Doctoral student



Japanese proficiency : N3 level, Master student or Doctoral student



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



Japanese Language Class School of Engineering (JLCSE)

Objective: We offer Japanese language education targeting graduate students and researchers at the School of Engineering so that they acquire the Japanese language ability necessary for daily living and specialized research work.

Period: 2 semesters/year April (S1S2) & October (A1A2) 14weeks/semester

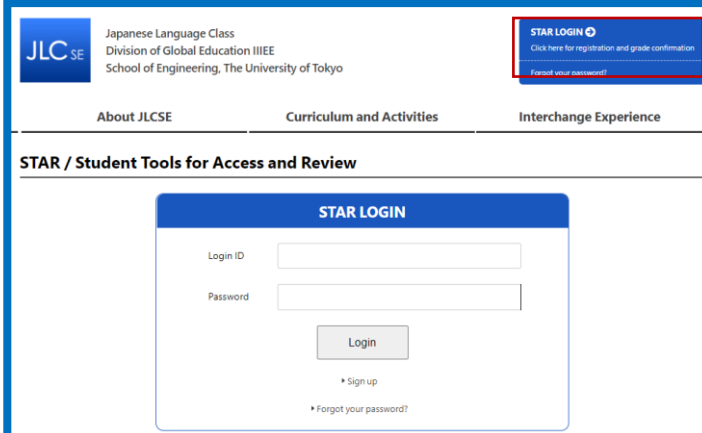
Courses : 7 level 32 courses (Beginning, Intermediate, Advanced)

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/>

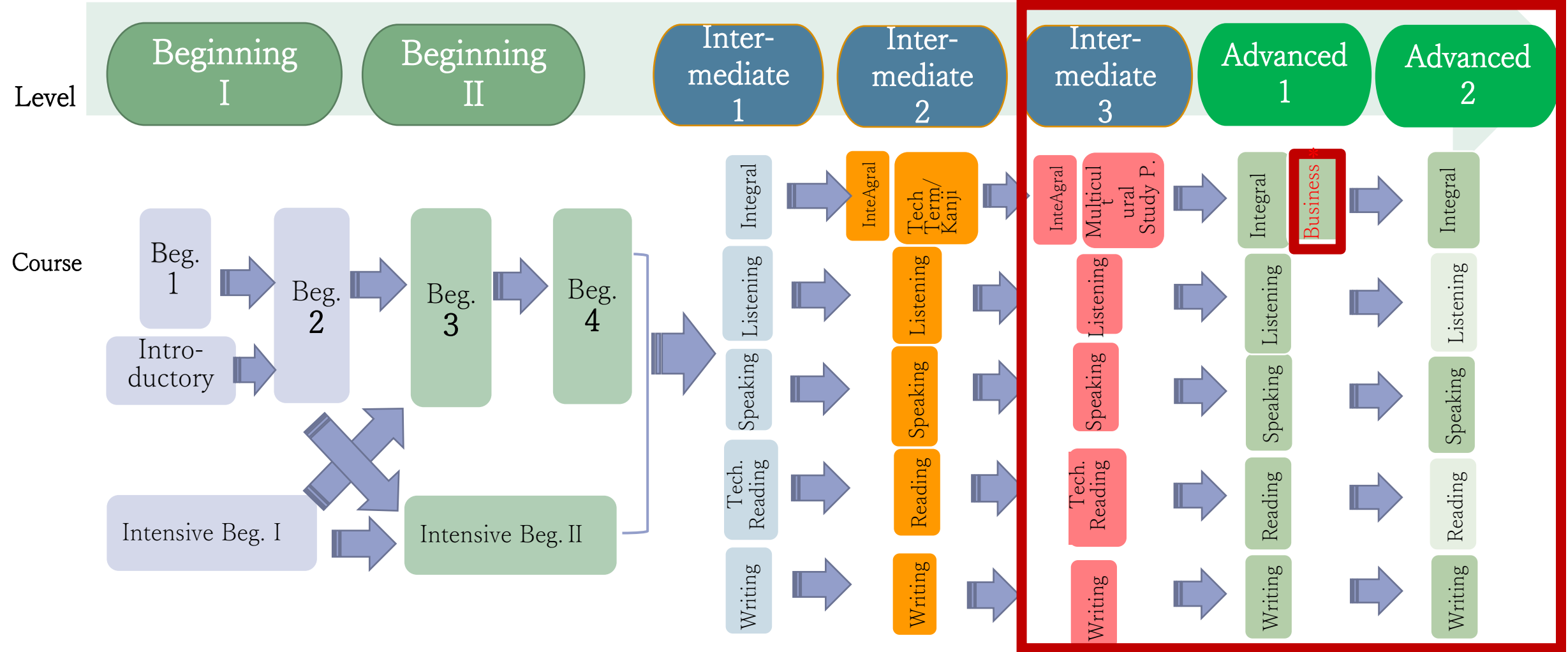
March 15~April 19



The screenshot shows the STAR login interface. At the top left is the JLCSE logo and the text: "Japanese Language Class, Division of Global Education IIIEE, School of Engineering, The University of Tokyo". At the top right is a "STAR LOGIN" button with a link: "Click here for registration and grade confirmation" and a "Forgot your password?" link. Below this are three navigation links: "About JLCSE", "Curriculum and Activities", and "Interchange Experience". The main content area is titled "STAR / Student Tools for Access and Review" and contains a "STAR LOGIN" form with fields for "Login ID" and "Password", a "Login" button, and links for "Sign up" and "Forgot your password?".

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

2credits

N2

Summer and Winter Intensive Courses/Business Japanese

0.5credit

N2

On-demand Video Streaming/Business Japanese

0.5credit

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)
- Business Japanese (3799-951: 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-(3799-160:1単位)
修士・博士対象

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・実行力、責任感・使命感、高いコミュニケーション能力、情報・機器等に優れた能力を備え、複合領域で柔軟な応用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、機器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義。

講義スケジュール: 木曜日 4回(14:55-18:40) 場所: オンライン

日 時	講 師	講義内容
10月7日 (木)	菅原 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)	吉川 岳 コロンダム・イノベーション株式会社 事業開発部 チェレクター	エンジニアからコンサル、VCへの転職の経験で得た経験・知見の広がりを
11月4日 (木)	辻村 亨 株式会社 荏原製作所 フェロー	今そこにある危機:半導体は産業の米・頭脳・戦略物資?
11月11日 (木)	高橋 和祐 株式会社日立製作所 オプティクスイノベーション推進本部 副本部長	知財管理価値が重視される企業経営と目立の取り組み
11月18日 (木)	高田 真輝 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課長	ジェトロの活動及びスタートアップ支援の取組み
12月2日 (木)	杉山 智也 独立行政法人日本貿易振興機構(ジェトロ) 知的財産課 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・システムフォーメーション研究本部 研究統括官 原子力(設備保全)分野統括 (兼)材料科学研究部門 強度・破壊評価 研究専事	講義中
12月23日 (木)	藤島 太郎 株式会社 本田技術研究所 先進IT/エレクトロニクス研究所 先進エネルギー研究部門 ACE	Power of Dreams ~地上から、空、宇宙へ広がるHondaのニューフロンティア開拓~

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2階203号室
 TEL/Fax: 03-5841-7471(内線 2747)
 E-mail: office@gmsi.t.u-tokyo.ac.jp URL: <http://gmsi.t.u-tokyo.ac.jp/>

2021年度S152 工学部・工学系研究科 全学科共通科目 後期教養科目
先端技術と社会特別講義 I
 工学部 工学系研究科
先端技術特別講義 I
 工学系研究科

毎週水曜日 14:55-16:40(4時間)
 Zoomによるオンライン講義
 企業の第一線で技術開発・導入を
 実践されている技術リーダーから
 「現場の知」を学ぶことができる講義です。
 先端技術と社会との関係をはじめ、
 工学分野の幅広い発展を身につけることができます。

単 位 数	講 義 名	講 師					
2単位	ガイダンス/AIを活用したオンライン教育プラットフォームの高度化	菅原 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					
4/7	富士	吉川 岳 コロンダム・イノベーション株式会社 事業開発部 チェレクター					
4/14	民間企業による宇宙ロケット開発	辻村 亨 株式会社 荏原製作所 フェロー					
4/21	国立競技場の構造設計	高橋 和祐 株式会社日立製作所 オプティクスイノベーション推進本部 副本部長					
5/12	感染症を考える	高田 真輝 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課長					
5/19	5/26	サイバーレジリエンス×データとAI:	新井 拓 一般財団法人 電力中央研究所 エネルギー・システムフォーメーション研究本部 研究統括官 原子力(設備保全)分野統括 (兼)材料科学研究部門 強度・破壊評価 研究専事				
6/9	6/16	6/23	6/30	7/7	7/14	海洋プラスチックごみに挑む企業アライアンス	藤島 太郎 株式会社 本田技術研究所 先進IT/エレクトロニクス研究所 先進エネルギー研究部門 ACE


東京大学大学院工学系研究科 工学教育推進部 工学教育課
 〒113-8656 東京都文京区本郷7-3-1 工学部2号館203号室
 TEL/Fax: 03-5841-7471(内線 2747)

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
- It is a very introductory course, so if you want learn more, please attend 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

Genentech was founded in 1976 by Venture Capitalist Robert A. Swanson and Biochemist Dr. Herbert W. Boyer.



In the early 1970s, Boyer and geneticist Stanley Cohen pioneered a new scientific field called recombinant DNA technology. Upon learning about this development, Swanson placed a call to Boyer and requested a meeting. Boyer agreed to give the young entrepreneur 10 minutes of his time. Swanson's enthusiasm for the technology and his faith in its commercial potential were contagious, and the meeting extended from 10 minutes to three hours; by its conclusion, Genentech was born.

Source: Genentech Website
<https://www.gene.com/about-us/leadership/our-founders>

3

Career Education

Study about **Job-Hunting** in Japan

Internship

Career Support

N1

Business Japanese (3799-951 : 2 credits)

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

Advanced Business A		2021, A1A2
Level	Advanced	
Skil	Other	
Period	2021.10.04 - 2022.01.28	
Hour	19:25 - 12:10 Thursday	
Classroom	online	
Objectives	To acquire the knowledge and business skills necessary to understand Japanese organizations and get a job.	
Prerequisite	Completion of intermediate 3 course(s) or JLPT N1 equivalent, Waiver 1st - second year, Double second year - 3rd year, Exchange Student, USTEP	
Textbook	Original materials	
Evaluation	Class activities 15%, Assignments 45%, Presentation 20%, Final exam 20% * Course will be cancelled if all the following requirements have been met: 1) Have attended more than 70% of classes 2) Have completed final exam and/or final assignment. * Letter grades for the entire course will be assessed as follows: A:100-85% B:79-85% C:66-85% F:40-75% * Makeup exams for midterm and final exams can be scheduled ONLY in the one week period after the exam date. Makeup exams will only be worth 50% of the possible score that can be attained through regular exams. No makeup will be offered for other quizzes.	



N2

Summer and Winter, Intensive Course/Career (0.5 credit)

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

N2

On-demand Video Streaming/Career (0.5 credit)

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

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) *limited to 3 projects(red box)
 - Joint research project with company may be counted
- Duration more than 2 weeks(10days)

THE UNIVERSITY OF TOKYO

2022 S1S2 Dept. of Engineering Common Courses

Creative Engineering Project for Undergraduate I・III

I ▶ Undergraduate B3 S1S2:FEN-CO4904P2
III ▶ Undergraduate B4 S1S2:FEN-CO4906P2

Creative Engineering Project I

Graduate:3799-024

Notice: Change in Credit Allocation
Creative Engineering Project for Undergraduate I (FEN-CO4904P2)
Creative Engineering Project for Undergraduate II (FEN-CO4905P2)
Creative Engineering Project for Undergraduate III (FEN-CO4906P2)
The number of credits awarded for the above subjects will be 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.

<p>NEW AI wolf Project Fuji Toriumi Develop AI agents to play werewolf games to participate the International AWolf Contest. Learn programming and AI techniques. Fuji Toriumi torif@sys.t.u-tokyo.ac.jp</p>	<p>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</p>	<p>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. Beginners are welcome. Technical Advisor: Yuta Yaguchi Yusuke Iwasawa creative_eng@lab.t.u-tokyo.ac.jp</p>
<p>Educational Innovation Project Lui Yoshida Create proposals for initiatives, tools (EdTech), etc. that will lead to educational innovation. Lui Yoshida luyoshida@ecc.u-tokyo.ac.jp</p>	<p>Global Co-creation Expedition Yoshiaki Nakano-Chie Sato In this project you participate in an expedition to global co-creation scenes both in Japan and abroad, to obtain new insights for your future career, through a series of dialogues with various governmental and third-party experts. Chie Sato sato@biztech-inc.co.jp</p>	<p>Autonomous Driving Project Masayuki Nakao-Takuma Ito Develop various autonomous driving functions by installing sensors and calculators to electric golf carts. Takuma Ito ito.t@nl.t.u-tokyo.ac.jp</p>
<p>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-nag@ig.ecc.u-tokyo.ac.jp</p>	<p>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 ASSTE program. Hironori Kato kato@civil.t.u-tokyo.ac.jp</p>	<p>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</p>
<p>Robot Contest Project Yasuo Kuniyoshi-Ryuma Niyama-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 NAE (ADU) Robot Contest. Ryuma Niyama creative_robot@sei.t.u-tokyo.ac.jp</p>	<p>International Business System Hiroko Nakamura International Project Based Learning about Aviation Business cooperating with Boeing. Hiroko Nakamura utcair@gmail.com</p>	<p>Startup Training (Hongo) Keisuke Nagato-Yuki Sugie 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 Sugie yuki.sugie@grite-your-ambition.com</p>
<p>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</p>	<p>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. Takeshi Tsuchiya tsuchiya@mail.ecc.u-tokyo.ac.jp</p>	<p>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 Monodukuri experience but also international experience from this project. Since this year is the final year, no new recruitment will take place. Kohei Kusaka kusaka@mech.t.u-tokyo.ac.jp</p>

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

S1S2 Guidance Apr.5 Tue 18:45~
Individual guidance for each project is also provided. Please check the syllabus for the guidance schedule.

Division of Engineering Education, Institute for Innovation in International Engineering Education, The University of Tokyo
Tel:070-1539-2378
E-mail:kawanaka@cce.t.u-tokyo.ac.jp(Takaaki Kawanaka)

QR Code | https://dee.t.u-tokyo.ac.jp/

SCHOOL OF ENGINEERING THE UNIVERSITY OF TOKYO

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
- Please contact GMSI office for the detail
- Registration deadline, Preparation procedure etc.

Research Internship Guidance

Date : Thursday April 7, 2022

16:50-18:00

Venue: Online (ZOOM)

<https://u-tokyo-ac-jp.zoom.us/j/85277974269?pwd=U3RCV3ZSwwNnaVRLckQ5SXR2d2VOuT09>

Meeting ID: 852 7797 4269

Passcord: 413029

GMSI (Graduate school of Mechanical System Innovation)

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

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

Engineering Competency I -Project Based Learning (PBL)-

■ 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.

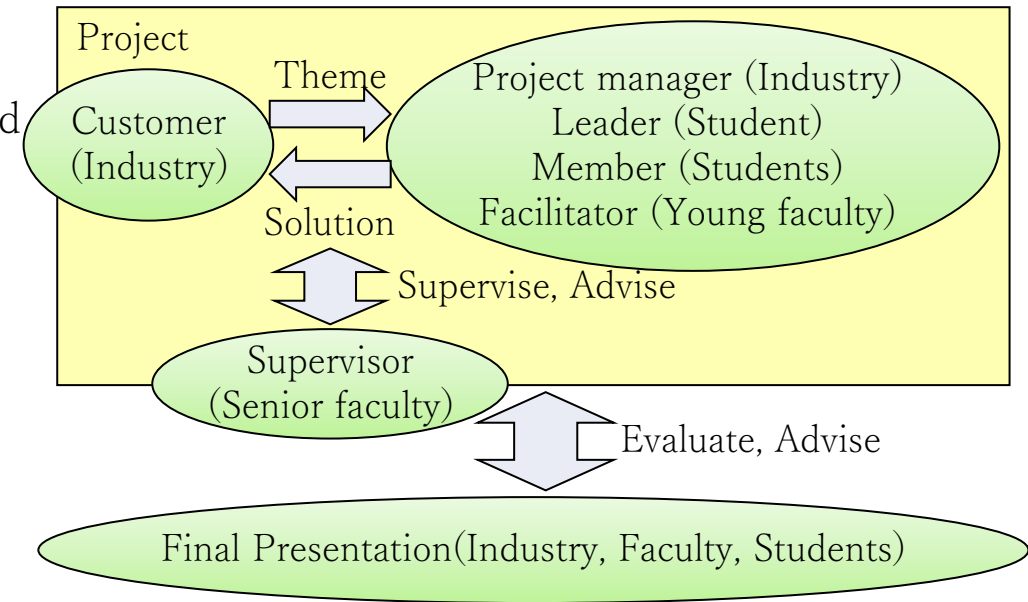
➤ Previous comments from participants said that PBL offers good opportunities for:

- ✓ 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"



PBL implementation framework



Final presentation

Career Support

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

Interact with Alumni

OB・OG 講話会
日本で働くこと
+仕事のやりがい
+将来の目標
=私のキャリア選択
9月2日 10:00~12:00
100名
10:00~11:00(予定)
11:00~12:00(予定)
a1a 08:00によるプレゼンテーション
a2a グループディスカッション
東京大学 留学生就職支援プログラム
http://www.career.t.u-tokyo.ac.jp/

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

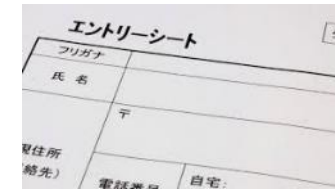
Practice Japanese Interview



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/>



理工連携
キャリア支援室
東京大学 大学院
[工学系研究科・工学部]
[理学系研究科・理学部]

工学部 2号館 208号室

Certificate/Scholarship

- Certificate of completion
 - Presenting at seeking employment
 - Signed by President of the University of Tokyo
- Scholarship granted to this program
 - Registered students are eligible to apply
 - Only for Engineering students
 - Year of 2021 (as of September 2021, Number will increase)
 - JASSO: 15 students, 48,000Yen/Month × 12
 - JASSO: 10 students, 48,000Yen/Month × 6
 - JEES: 4 students, 30,000Yen/Month × 12



※Image

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

CDIPs

留学生就職促進プログラム

- Registration
 - Download the form from CDIPs HP
- URL: <https://www.cdip.t.u-tokyo.ac.jp/>
- Email: inquiry@cdip.t.u-tokyo.ac.jp



国際高度人材キャリア開発プログラム

Career Development for International Professionals

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

Japanese & English