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,

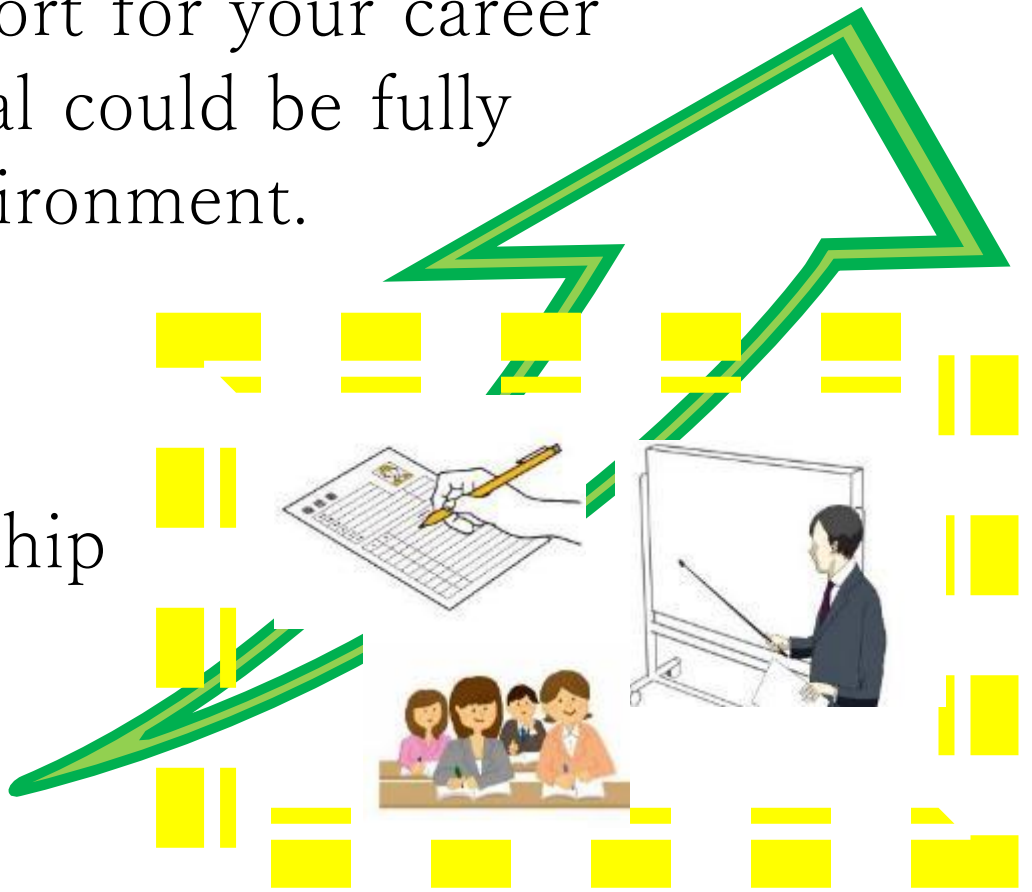
Graduate School of Engineering,

The University of Tokyo

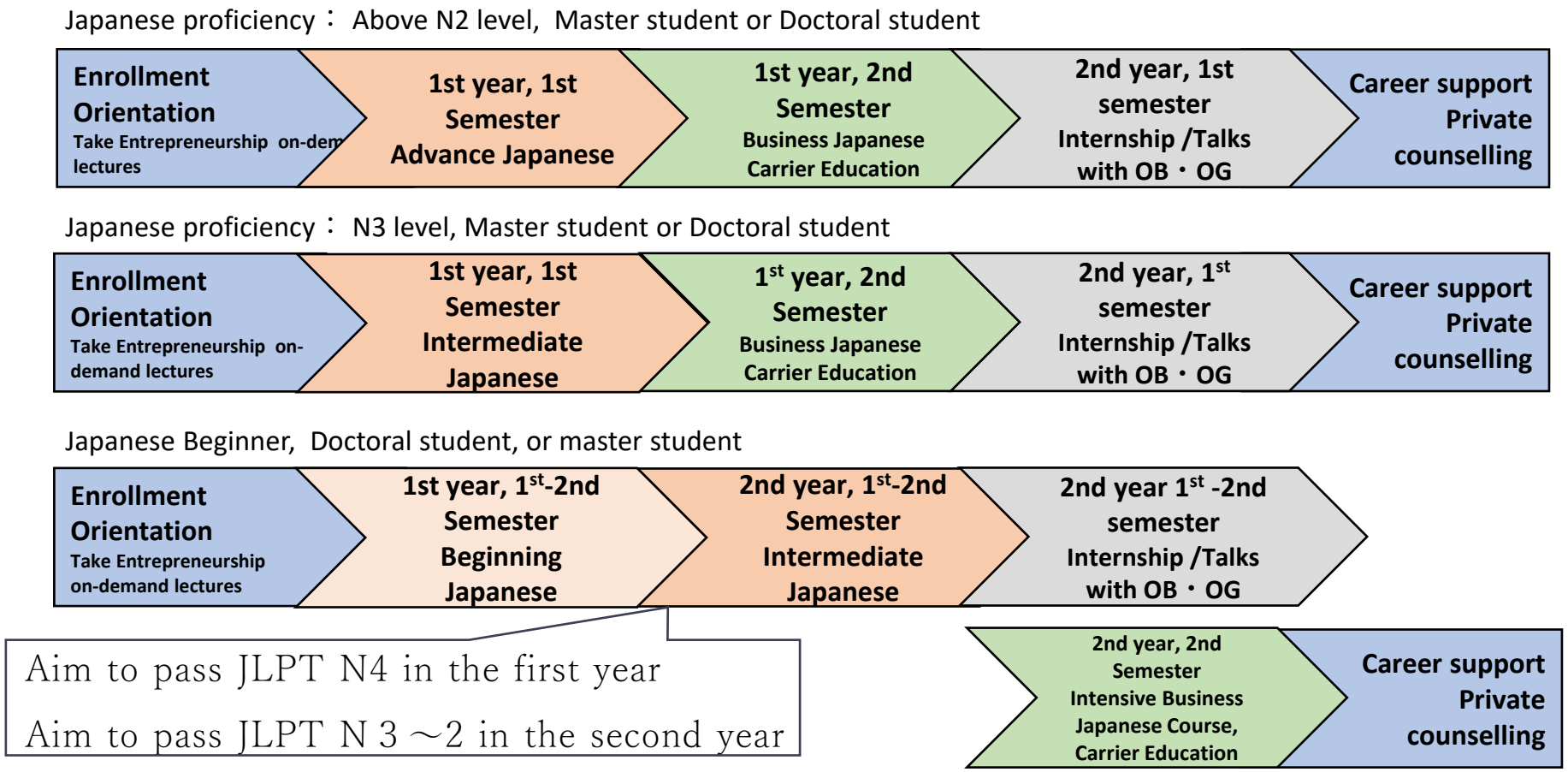
Career Development Program for International Professionals

- 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 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

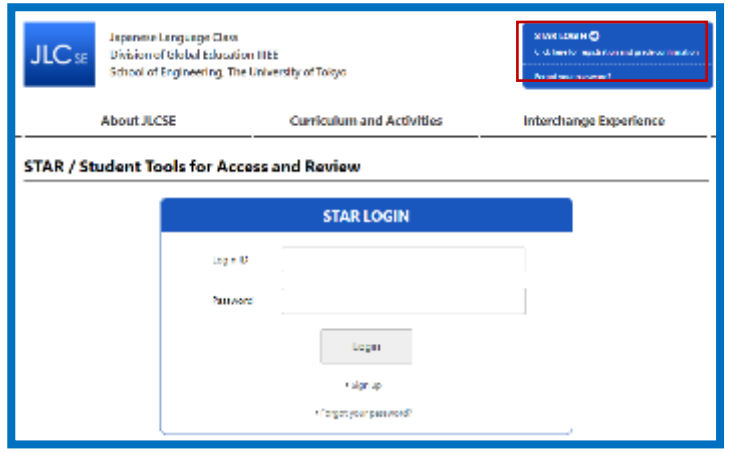
Courses : 7 level 32 courses (Beginning, Intermediate, Advanced)

Credits: 2 credits per once-a-week course

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

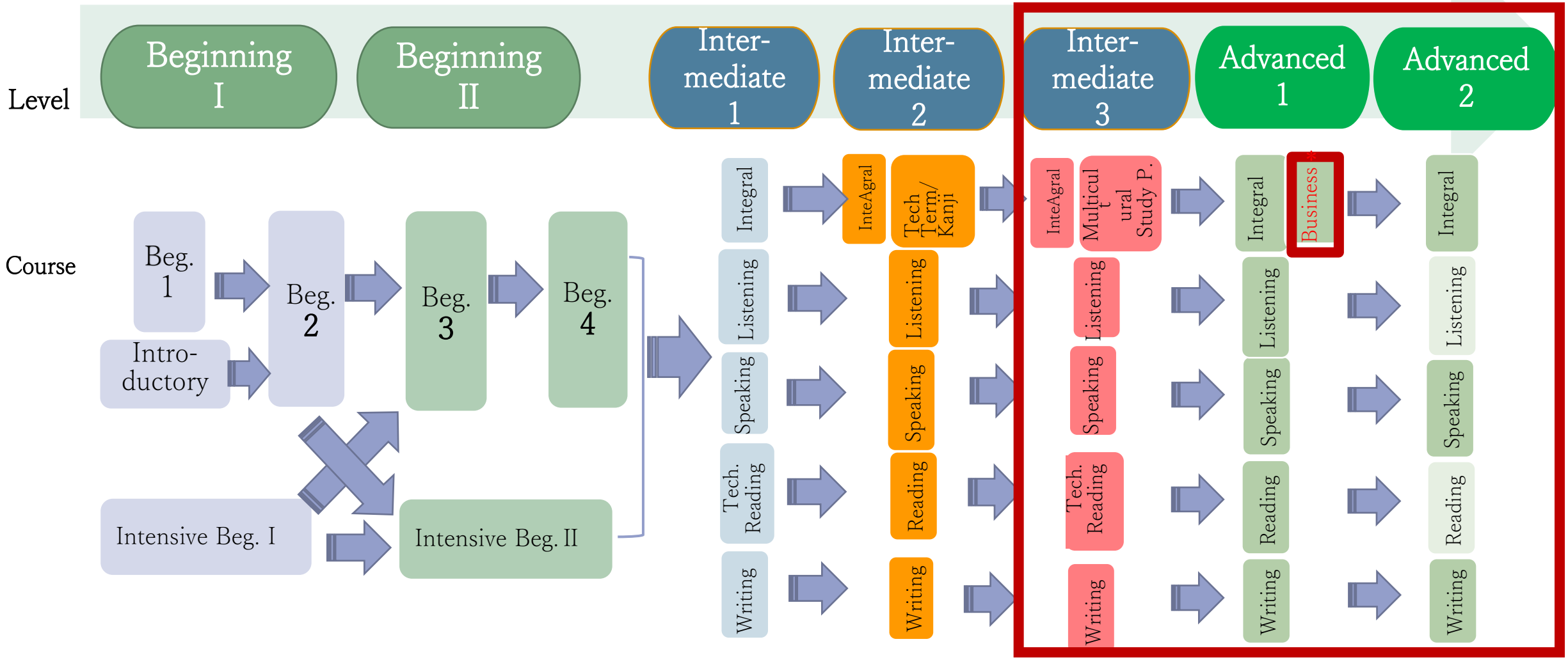
https://www.jlcse.t.u-tokyo.ac.jp/en/star/

Deadline: Oct.8



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)
- 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)

GMSI WINGS CFS Q-STEP GSDM 2.0 Future Society Fellowship 2021.9

工学リテラシーII -事業戦略と知的財産- (3799-150: 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・遂行力、責任感・使命感、高いコミュニケーション能力、情報・倫理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、技術マネージメント、リーダーシップ、事業戦略、知的財産管理、倫理などをキーワードとし、産業界等の第一線でご活躍されている講師による講演。

講義スケジュール: 木曜日 4 限(14:55－16:40) 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)	吉川 岳 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・知見の広がり
11 月 4 日 (木)	辻村 学 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 和範 株式会社日立製作所 サステ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日立の取り組み
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 エネルギートランスフォーメーション研究本部 研究統括室 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 研究参事	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・エネルギー研究所 先進エネルギー研究Dメイン ACE	Power of Dreams ～地上から、空、宇宙へ拡がる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 をご確認下さい。

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 03-5841-7437(内線 27437)
E-mail: office@gmsi.t.u-tokyo.ac.jp URL: http://gmsi.t.u-tokyo.ac.jp/

2024年度S1S2 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II
工学部 FEN-CO495ZL1

先端技術特別講義II
工学系研究科 3799-022

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」を学べる講義です。先端技術と社会との関係をはじめ、工学分野の幅広い教養を身につけることができます。

毎週水曜日 14:55-16:40 (4時間)
工学部 2号館 212講義室
5/1, 5/8はオンライン授業

単位数 ▶2単位
成績評価 ▶小論文(9テーマのうち2テーマを選択、1テーマA4で3ページ以内)、グループワーク、出席(詳細要件は初回講義、及びシラバスに提示)

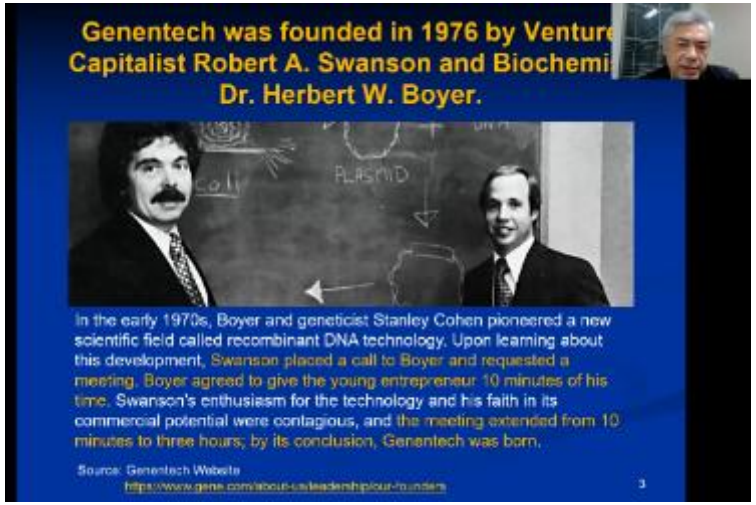
講義日	講義題目	講師
4/10	ガイダンス／米国スタートアップによる下水疫学の社会実装 0→1と1→100	川中 孝章 遠藤 礼子
4/17	電動マイクロモビリティの社会実装への道のり	岡井 大輝
4/24	「空飛ぶクルマ」と呼ばれる移動の未来 日本列島での高速都市間移動のビジョン	中井 佑
5/1	線虫がん検査N-NOSEの発明と実用化 大学教員から社長へ	広津 崇亮
5/8	CO_2地中貯留の技術開発とその社会実装	薛 自求
5/22	半導体ストレージで実現するAIの長期記憶 記憶検索型AI	田口 淳
5/29	ヒルズ創出を支える様々な技術	新井 章裕
6/5 6/12 6/19	生成AIと事業デザイン	橋本 善久
6/26 7/3 7/10	QRコードの開発の原点と成長	原 昌宏

問い合わせ先
東京大学大学院 工学系研究科
東京大学大学院工学系研究科 国際工学教育推進機構 工学教育部門
工学部8号館324号室 Tel.070-1539-2378
E-mail:kawanaka@cce.t.u-tokyo.ac.jp(川中孝章)

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



Career Education

Study about Job-Hunting in Japan

Internship

Career Support

N1

Japanese Career Design (2 credits)

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

N2

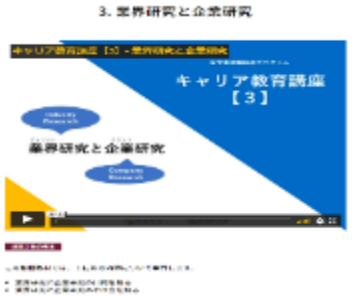
Japanese Career Bridge (2 credits)

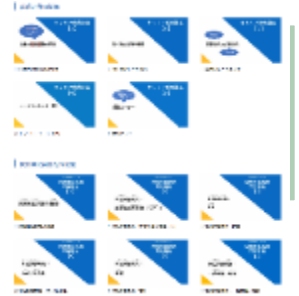
Summer and Winter, Intensive Course/Career (0.5 credit)

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)
  - Joint research project with company may be counted
- Duration more than 2 weeks(10days)

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.

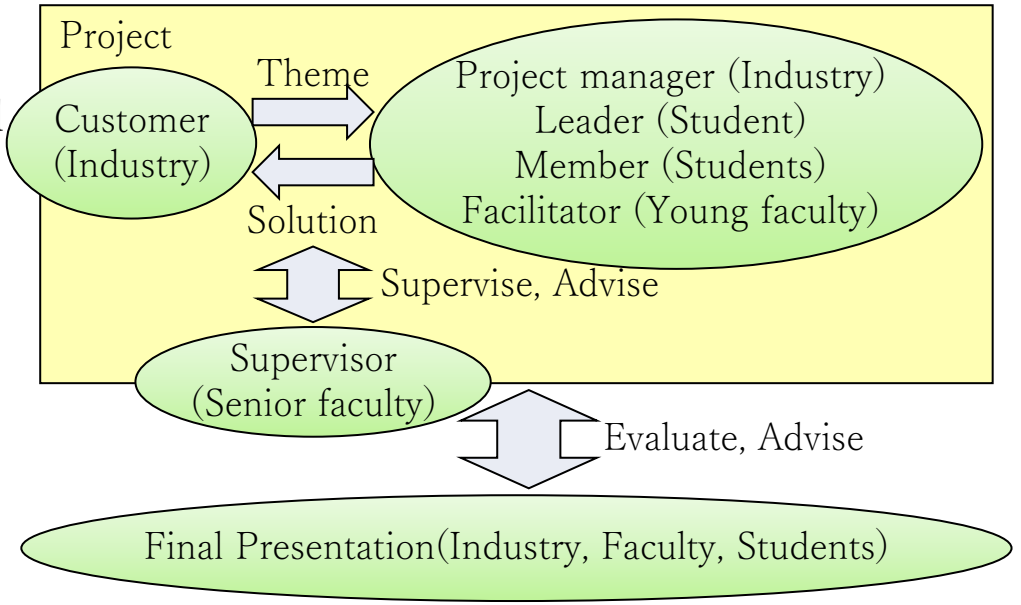
Research Internship Guidance
Date： October 7th. 2024
Venue: Online (ZOOM)
https://u-tokyo-ac-jp.zoom.us/j/82951174728?pwd=OjaIFhA4HCY8XbMiMGmOsxHh0bBQlA.1
ミーティング ID: 829 5117 4728
パスコード: 771512

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.



PBL implementation framework

- 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 2023

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

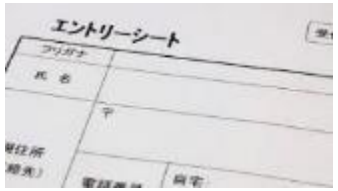
Interact with Alumni

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

Job matching

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/

東京大学大学院 工学系研究科 SCHOOL OF ENGINEERING THE UNIVERSITY OF TOKYO

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
  - Priority when you change the visa status

GMSI Program Certificate

This is to certify that the undermentioned person has completed
The University of Tokyo, Graduate Program for Mechanical Systems Innovation

YUJECO BERNICEMAE
FETALVERO
Department of Advanced Interdisciplinary Studies,
School of Engineering

The goal of the GMSI Program is to cultivate internationally competitive young researchers who have the ability to comprehend and generate both fundamental breakthroughs and specialized knowledge, and who have the technical and linguistic literacy and competency to communicate the importance of their results

March 23, 2020

Professor Shigeo Maruyama
GMSI Program Leader
Department of Mechanical Engineering
School of Engineering
The University of Tokyo

※Image

- Scholarship granted to this program
  - Registered students are eligible to apply
  - Year of 2024 (Selected)
    - JASSO: 10 students, 48,000Yen/Month×12
    - 7 students, 20,000Yen/Month ×12

Monbukagakusho Honors Scholarship for Privately-Financed International Students

CDIPs
留学生就職促進プログラム
国際高度人材キャリア開発プログラム

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