CEP@SIT 2024

Cross-cultural Engineering Project (CEP)

Period: December 10, 2024 (Tue) - December 19, 2024 (Thu)

Place: Face-to-Face at Omiya campus of Shibaura Institute of Technology (SIT), Japan

Participants: <u>A few students</u> from each university. Total 80 participants expected. 40 undergraduate and graduate students from SIT and 40 students from partner universities.

Faculty/TA:
Prof. Mano, Prof. Murakami, Prof. Watanabe, Prof. Ichikawa, Prof. Hasegawa
Assoc. Prof. Goto, Assoc. Prof. Mochinaga + SIT TAs

Language: English, but communication using electronic dictionaries and various devices and services (Internet, smart phones) is acceptable.

Accommodation: Participants are to find accommodation *reference list will be provided. (No need to reserve for Days 5-7. The field trip to Nasu is expected.)
*Participants are responsible for airfare, travel insurance, accommodation payment incl. Days 5-7, daily transportation, food, other personal expenses during the program.

Qualification / Participating student must:
-be Bachelor 3rd year or higher up to 2nd year of graduate program
-be a student of SIT partner universities (check SIT partners) *need nomination letter from home university
-have a good English skill to work in a group of students from different countries (CEFR B2 equivalent or higher)

Objective:

The objective is to develop problem-solving skills to obtain overall optimal solutions through Cross-cultural Engineering Project (CEP), an international and interdisciplinary project team exercise. The CEP is an exercise based on Global Project Based Learning and is conducted in three regions around the world. In Japan, CEP@SIT is conducted as an industry-university-community cooperative project with graduate students, 3rd and 4th year undergraduate students from Southeast and East Asia and EU. Themes are set based on issues raised by companies and local communities. In order to realize the set theme, project teams analyze objectives, needs, and technologies, and conduct comprehensive problem solving from the definition of requirements by making full use of "systems thinking," "systems methods," and "systems management. The program of this exercise is consisted of (1) ice-breaking and team formation, (2) theme determination, requirements analysis, and goal setting, (3) evaluation plan and budget plan development, (4) Design Review (DR), (5) activities based on the plan, and (6) final presentation (FP).

Application Deadline:
October 21, 2024
With full application form and documents

Nomination (member) list must be submitted by the international office at students' home university. The application documents are below: (refer to the email sent to the contact person)

1. Nomination letter per university
2. Application form per student
3. Official transcript of past one (1) academic year for scholarship screening
4. GPA conversion tool (in excel form)
5. Pledge
6. Passport copy
7. Photo for student ID card

- Scholarship will be provided to the participating students based on the screening result.
- More documents will be required after confirming the participation.

Schedule (tentative):
*subject to change *the period of the field trip to Nasu may change

Day				Activities	
Day 1	10-Dec	Omiya campus	AM	Opening	Opening ceremony and guidance, 1st outcomes assessment
					Self introduction by Prof., Staffs & TAs and Icebreaking, Group announcement
			PM	Confirmation of theme	Give details of theme for each group from companies and communities
Day 2	11-Dec		All	Business model via Ideathon	Requirement analysis and definition. Goal setting. Making business model.
Day 3	12-Dec		All		Schedule and budget planning of prototyping for realizing its model.
Day 4	13-Dec		AM	Preparation	Preparation for Design Review
			PM	DR	**Design Review (DR) for business model**
Day 5	14-Dec	NASU workcation	All	NASU workshop	Move to NASU Town
Day 6	15-Dec		All		Group performance show after dinner
Day 7	16-Dec		AM	Presentation	**Proposal launch event for NASU Town**
			PM	Move	Move to Omiya Campus
Day 8	17-Dec	Omiya campus	All	Prototype	Prototyping based on project stakeholders' commentsImprovement of business model
Day 9	18-Dec		All		through prototype evaluation results
Day 10	19-Dec		AM	Presentation and closing	Preparation of the final presentation
			PM		**Final Presentation** and Closing ceremony
Post process			Web form		Report of Expenditures and 2nd outcomes assessment, PROG competency test

For project details, contact h-hase@sic.shibaura-it.ac.jp (Prof. Hasegawa)