

CEP@SIT 2026

Cross-cultural Engineering Project (CEP)

Period: December 8, 2026 (Tue) - December 17, 2026 (Thu)

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

Participants: A few students from each university. Total 60 participants expected. 20 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 various devices and services (Internet, smartphones) 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, and 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 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) problem understanding—Story of self, Requirement Quality Deployment, Empathy Map, Story of us, Gathering needs and technologies, and Story of now, (3) problem solving—QFD, Cross-SWOT, Goal setting, CDSSforDX for innovative solution using generative AI, (4) Design Review (DR), (5) activities based on the prototype, and (6) final presentation (FP).

Application Deadline:

September 30, 2026

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 Tue. 12/08	OMIYA campus	AM	Opening	Opening ceremony and guidance, 1st outcomes assessment Self introduction by Prof., Staffs & TAs and Icebreaking, Group announcement
		PM	Problem Understanding	Making the Story of Self by the Public Narrative Creating the Requirement Quality Deployment (RQD) tree from communities and companies' issues
Day 2 Wed. 12/09		AM		Making the Empathy Map by us Deploying the Scenario Graph in WorldCafé for speaching the Story of Us
		PM		Gathering needs and technology via fieldwork of current analysis Making the Story of Now
Day 3 Thu. 12/10		AM		Problem Solving
		PM	Improvement on QFD and deployment of innovative solutions using generative AI	
Day 4 Fri. 12/11		AM		Making a budget plan and preparing for the Design Review
		PM	DR	Design Review (DR)
Day 5 Sat. 12/12	NASU workcation	ALL	NASU workshop	Move to NASU Town Workshop for Nasu Group performance show after dinner
Day 6 Sun. 12/13				
Day 7 Mon. 12/14		AM	Presentation	Proposal launch event for NASU Town
	PM	Move	Move to Omiya Campus	
Day 8 Tue. 12/15	OMIYA campus	ALL	Prototype	Prototyping based on project stakeholders' comments
Day 9 Wed. 12/16		ALL		Improvement of innovative solution through prototype evaluation results
Day 10 Thu. 12/17		AM	Presentation and closing	Preparation of the final presentation Report of expenditures and 2nd outcomes assessment
		PM		Final Presentation and Closing ceremony





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

FAQ - CEP@SIT 2026

Period: December 8, 2026 (Tue) - December 17, 2026 (Thu)

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

Program participation fee: No specific participation fee will be charged.

Scholarship: Student participants are eligible for the scholarship. Those who are approved through our internal university screening will receive either 80,000 yen or 60,000 yen depending on their academic performance. Please note that this does not guarantee scholarship disbursement at this stage.

Application form: It will be provided to the contact person at the partner university after September 1. The deadline of the application is September 30, 2026, 23:59JST.

Faculty Accompaniment: It is not mandatory for a faculty member to accompany the students. The accompanying faculty members are also requested to fill in the application form.

Credits: We'll not provide any credits to the participants. A certificate of completion will be issued as a recognition of participation.

Additional qualification: Exchange students at SIT will NOT be nominated as participants by their home university. They must prioritize attending the classes they are enrolled in as exchange students.

Living cost in Japan (reference): <https://www.studyinjapan.go.jp/en/life/cost-of-living/>