EID 300 - Special Research Project (Summer Abroad)
Summer 2024
Office of the Dean of Engineering
The Cooper Union for the Advancement of Science and Art

Course Coordinator: Associate Dean Lisa A. Shay

Contact: lisa.shay@cooper.edu or message via Teams

Catalog description: Students will work on individual projects in engineering under supervision of faculty. Problems will vary according to individual interest. Permission to register is required from the Office of the Dean of Engineering, through the summer study abroad application process.

3–6 credits. Prerequisite: permission of Faculty and Dean's office

Overview: Students participating in the Albert Nerken School of Engineering Summer Study Abroad Program are eligible to enroll in EID 300 and earn up to six credits for study in a foreign country for a 6-8 week period. (Note: virtual experiences where the student remains in the US are not permitted for EID 300 enrollment.) Upon return to Cooper, each student must submit to Associate Dean Shay two formal reports of their activities and an evaluation form. A technical report summarizes project-research activities and a cultural report documents their experience with the country.

Course Learning Outcomes:
• Conduct research or work on a project in a field related to the student's major.
• Develop or improve written and oral communication skills, possibly in a foreign language.
• Improve critical thinking skills.
• Improve an ability to work collaboratively, especially with team members from a foreign country.
• Develop or improve an understanding of a foreign culture and reflect on how that has shaped the student's view of their own culture.

Technical report: The technical report should be a conference-quality paper in content, organization, and grammar.
• The length should be approximately five pages, single-spaced, single or double-columned. Microsoft Word and LaTeX templates may be found here. Submission of the technical report to a peer-reviewed research publication forum (workshop/conference/journal) is strongly encouraged.

- If the student is submitting their technical report to a workshop/conference/journal that has a different template, there is no need to reformat for EID 300. Just submit the same paper that was submitted to the conference.
- Submit the paper through Teams in Word or PDF format using this filename convention: LastName_TechnicalReport.

Cultural report: In a single-spaced, single or double-columned, 5-page reflection, describe your understanding of the culture in which you lived and how it has shaped your view of your own culture.

Please address some of the following questions in your reflection:
- What did you like most about living in this culture and why?
- What did you find most admirable about this culture and why?
- What surprised you most about this culture and why?
- What have you learned from living in a foreign country?
- How has it changed your outlook or world view?
- How has it changed your plans for your professional career, academic career, or other life goals?
- How has it changed your relationship with American culture and/or other cultures you consider home?
- What did you take for granted in your home culture/American culture that you now understand differently?

Note that your cultural report should be organized in a logical way and your ideas expressed clearly on the page. While keeping a diary is a wonderful activity and may provide great raw material, your cultural report should not be your diary. Instead, it is a thoughtful and reflective synthesis of your experience, for an audience who may not have visited that country.

Submit the paper through Teams in Word or PDF format using this filename convention: LastName_CulturalReport.

Writing Center Review: You are required to consult with the Center for Writing at least once before submitting your reports. Contact the Center as soon as you have returned to the US to schedule an appointment. Some virtual appointments may be available before the fall semester begins.

Academic Integrity: Our core value of Respect demands that we give credit where credit is due. The increasing number and capability of advanced automated tools (artificial intelligence or machine learning tools such as ChatGPT or Dall-E 2) have raised questions about their permissibility for completing course assignments. **The use of these tools will be governed by your research supervisor at your host institution. In addition to guidance from your research supervisor, be aware that many journals prohibit the use of these tools in their publications. Check the workshop/conference/journal guidelines before submitting your work to them. If use is permitted, as with any source, these tools must be cited**. For example, text generated using ChatGPT-3 should include a citation such as: "Chat-GPT-3. (YYYY, Month DD of

query). "Text of your query." Generated using OpenAI. https://chat.openai.com/"
Material generated using other tools should follow a similar citation convention.
Academic Dishonesty is a severe violation of our core values (see Appendix A). Students
are expected to give credit where credit is due using a standard citation format such as
MLA, Chicago, or IEEE in their technical and cultural reports. The Purdue Online
Writing Lab is an excellent resource for style guides. Plagiarism will result in course
failure and be reported for possible disciplinary probation, suspension, or expulsion from
the college. More information about the Albert Nerken School of Engineering's academic
integrity policy may be found at http://cooper.edu/engineering/curriculum/academic-
standards-regulations.

Deadlines, Credit and Grading:
Reports are due on the date specified on the Study Abroad website and posted in the EID
300 Teams general channel. Please adhere to the file name convention
(LastName_TechnicalReport and LastName_CulturalReport).

You will also need to submit an ABET survey.

Late submissions are subject to a 10% per day late penalty unless you have coordinated
an extension in advance. Extensions will only be granted in exceptional circumstances.

Students may earn up to six credits for the submission of the two reports
       Technical Report   3 Credits of EID 300
       Cultural Report   3 Credits of EID 300

Each paper is graded separately on a 100-point scale and the overall grade is the average
of the two papers.

The grading scale is:

90-100	A
80-89	B
70-79	C
60-69	D
<60	F

Note that due to institutional requirements, grades for the summer session are due **before**
the fall semester begins. However, students are traveling on different schedules and
appointments with the Writing Center might not be available over the summer, so EID
300 papers are due shortly after the beginning of the fall term. Since summer session
grades are due before I receive your reports, I will assign everyone an "I" grade in
August. Do not panic! I will change your grade once I have evaluated your papers.

Appendix A: Core Values

CORE VALUES

Our core values are the principles that guide our internal conduct and our relationship with the external world. Living these core values creates a culture within the Albert Nerken School of Engineering that supports students, faculty, and staff in all we do.

RESPECT

We treat others as they would have us treat them. We support the vigorous and open debate of ideas within a community marked by mutual respect.

INTEGRITY

We value ethical behavior, integrity, and transparency in all aspects of life. We respect others; conduct ourselves ethically, honestly, and openly; honor our commitments; and fairly resolve ethical issues.

DIVERSITY & INCLUSION

We are committed to Peter Cooper's radical commitment to diversity and value, living and working in a diverse community. We value, encourage, and promote all aspects of human differences, fostering a culture that embraces a broad variety of personal circumstances, experiences, perspectives, and opinions.

INTERDISCIPLINARITY

We value interdisciplinary approaches and the intersection of art, architecture, humanities, and engineering. We collaborate across disciplinary boundaries to create innovative solutions to societal challenges.

TEAMWORK

We embrace a developmental culture, one in which cooperation and collaboration are cornerstones. Our faculty, staff, and students are collaborative, supportive, and serve as role models and mentors for professional and personal growth.

FREE

We are committed to Peter Cooper's vision of a free center of learning.

SOCIAL IMPACT

Through our engagement we instill a sense of social justice that translates into action. We inspire members of our community to apply their expertise and leadership for the benefit of society and humanity.

PARTNERSHIP

We are an engaged partner with industry, academia, government, and the communities in which we live. We are an indispensable partner with New York City.