

PURDUE UNIVERSITY  
REQUEST FOR ADDITION, EXPIRATION,  
OR REVISION OF AN UNDERGRADUATE COURSE  
(10000-40000 LEVEL)

Print Form

DEPARTMENT Office of Professional Practice/College of Engineering

EFFECTIVE SESSION 201510

201520 ENGR 39700

INSTRUCTIONS: Please check the items below which describe the purpose of this request.

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> 1 New course with supporting documents | 7 Change in course attributes (department head signature only)  |
| <input type="checkbox"/> 2 Add existing course offered at another campus   | 8 Change in instructional hours                                 |
| <input type="checkbox"/> 3 Expiration of a course                          | 9 Change in course description                                  |
| <input type="checkbox"/> 4 Change in course number                         | 10 Change in course requisites                                  |
| <input type="checkbox"/> 5 Change in course title                          | 11 Change in semesters offered (department head signature only) |
| <input type="checkbox"/> 6 Change in course credit/type                    | 12 Transfer from one department to another                      |

PROPOSED: Subject Abbreviation ENGR Course Number 39700 Long Title Global Engineering Experience Short Title Global ENGR Experience

EXISTING: Subject Abbreviation Course Number

TERMS OFFERED  
Check All That Apply:  
 Fall  Spring  Summer

CAMPUS(ES) INVOLVED  
 Calumet  N. Central  
 Cent Ed  Tech Statewide  
 Ft. Wayne  W. Lafayette  
 Indianapolis

Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY)

CREDIT TYPE

1. Fixed Credit: Cr. Hrs. 1

2. Variable Credit Range:  
Minimum Cr. Hrs. To Or Maximum Cr. Hrs.

3. Equivalent Credit: Yes No

COURSE ATTRIBUTES: Check All That Apply

1. Pass/Not Pass Only

2. Satisfactory/Unsatisfactory Only

3. Repeatable

Maximum Repeatable Credit:

4. Credit by Examination

5. Fees:  Coop  Lab  Rate Request

Include comment to explain fee

6. Registration Approval Type  
Department  Instructor

7. Variable Title

8. Honors

9. Full Time Privilege

10. Off Campus Experience

Schedule Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture				
Recitation				
Presentation				
Laboratory				
Lab Prep				
Studio				
Distance				
Clinic				
Experiential				
Research				
Ind. Study			15	100
Pract/Observ				

Cross-Listed Courses

RECEIVED  
NOV 12 2014

OFFICE OF THE REGISTRAR

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):  
Forum for students participating in an international internship or study abroad experience. Students will complete weekly guided writing assignments during the first 15 weeks of their international experience. assignments will aid students with integration into the host community. Students will demonstrate increased awareness of the nature and complexities of inter-cultural communication by applying various theories to their lived experiences. To be taken concurrently with international internship/study abroad experience. Permission of instructor is required.

\*COURSE LEARNING OUTCOMES:  
The instructor will serve as the facilitating body to moderate the progress of the students through the course and assess outcomes through evaluation of weekly guided writing assignments. Students will be able to apply cultural theories to their personal experiences. They will deepen their understanding of cultural differences, inter-cultural communication and their own cultural competency. They will develop strategies to bridge cultural gaps and the ability to identify, manage, communicate and apply emotions effectively and appropriately. Students will understand the challenges of studying or working in a foreign country and develop a strong ethical framework and cultural sensitivity to succeed in a global workplace.

Calumet Department Head _____ Date _____	Calumet School Dean _____ Date _____
Fort Wayne Department Head _____ Date _____	Fort Wayne School Dean _____ Date _____
Indianapolis Department Head _____ Date _____	Indianapolis School Dean _____ Date _____
North-Central Faculty Senate Chair _____ Date _____	Vice Chancellor for Academic Affairs _____ Date _____
West Lafayette Department Head _____ Date _____	West Lafayette College/School Dean _____ Date _____

Handwritten signatures and dates:  
Michael J. Adams 11/13/14  
West Lafayette Registrar  
Date  
11/20/14

OFFICE OF THE REGISTRAR

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| <input type="checkbox"/> 5. Change in course title                          | <input type="checkbox"/> 11. Change in semesters offered (department head signature only) |
| <input type="checkbox"/> 6. Change in course credit/type                    | <input type="checkbox"/> 12. Transfer from one department to another                      |

<b>PROPOSED.</b> Subject Abbreviation ENGR Course Number 49700 Long Title Global Engineering Re-entry Short Title Global ENGR Re-entry	<b>EXISTING.</b> Subject Abbreviation Course Number	<b>TERMS OFFERED</b> Check All That Apply: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input checked="" type="checkbox"/> Summer
Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY)		<b>CAMPUS(ES) INVOLVED</b> <input type="checkbox"/> Calumet <input type="checkbox"/> N. Central <input type="checkbox"/> Cont Ed <input type="checkbox"/> Tech Statewide <input type="checkbox"/> Ft. Wayne <input checked="" type="checkbox"/> W. Lafayette <input type="checkbox"/> Indianapolis

<b>CREDIT TYPE</b> 1. Fixed Credit. Cr. Hrs. 1 2. Variable Credit Range. Minimum Cr. Hrs. (Check One) To Or Maximum Cr. Hrs. 3. Equivalent Credit: Yes No	<b>COURSE ATTRIBUTES: Check All That Apply</b> 1. Pass/Not Pass Only 2. Satisfactory/Unsatisfactory Only 3. Repeatable 4. Credit by Examination 5. Fees: <input type="checkbox"/> Coop <input type="checkbox"/> Lab <input type="checkbox"/> Rate Request Include comment to explain fee	6. Registration Approval Type Department <input type="checkbox"/> Instructor <input checked="" type="checkbox"/> 7. Variable Title 8. Honors 9. Full Time Privilege 10. Off Campus Experience
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Schedule Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated	Cross-Listed Courses
Lecture	50	1	6	40	
Recitation					
Presentation					
Laboratory					
Lab Prep					
Studio					
Distance					
Clinic					
Experiential			6	60	
Research					
Ind. Study					
Pract/Observ					

RECEIVED

NOV 12 2014

OFFICE OF THE REGISTRAR

**COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS).**  
 Forum for students returning from international internship and/or study abroad experience. Students will explore personal development resulting from the international experience as it relates to changes in world-view, understanding of culture, interpersonal skills and career aspirations. They will learn to highlight international experiences on resume and in interviews. Students will apply and share their cultural knowledge through structured activities and summarize their entire global experience through a poster presentation. To be taken in semester following international internship/study abroad experience. Prerequisite: ENGR 39700. Permission of instructor is required.

**\*COURSE LEARNING OUTCOMES:**  
 The instructor will serve as the facilitating body to moderate the progress of the students through the courses and assess outcomes through group discussion, attendance, participation, reflection assignments and a final presentation. Students will be able to identify skills gained through the international experience. They will be able to highlight experiences on resumes and in interviews. They will be able to apply skills to current and future inter-cultural situations and develop a strong ethical framework and cultural sensitivity to succeed in a global workplace.

Calumet Department Head	Date	Calumet School Dean	Date
Fort Wayne Department Head	Date	Fort Wayne School Dean	Date
Indianapolis Department Head	Date	Indianapolis School Dean	Date
North Central Faculty Senate Chair	Date	Vice Chancellor for Academic Affairs	Date
West Lafayette Department Head	Date	West Lafayette College/School Dean	Date
		West Lafayette Registrar	Date

Y. Collins / Roll 09/17/14

Michael Y. ... 11/13/14

[Handwritten signatures and initials]

OFFICE OF THE REGISTRAR

11/20/14

**TO:** Engineering Faculty  
**FROM:** Office of Professional Practice  
**SUBJECT:** New Professional Practice Courses ENGR 39700 and ENGR 49700

The Office of Professional Practice has approved the following new courses relating to the GEARE program. In September 2009 it was determined that OPP will be the official administrative unit for the GEARE program, including communication of GEARE acceptance, maintaining student records, facilitating internships, teaching orientation course and administering program assessment. As part of this responsibility, learning and growth during the experience abroad and upon return needs to be documented. This documentation requires establishing two new seminar courses, one on-line course that will be taught during the time that students are abroad, and another course that will be taught after re-entry. A third seminar course that is taught before student traveling abroad has already been established as ENGR 29701.

This action is now submitted to Engineering Faculty with a recommendation for approval.

**ENGR 39700:** Global Engineering Experience  
Sem. 1, Cr. 1

Forum for students participating in an international internship or study abroad experience. To be taken concurrently with international internship or study abroad experience.

**ENGR 29703:** Global Engineering Re-entry  
Sem. 1, Cr. 1  
Prerequisite: ENGR 39700

Forum for students returning from international internship and study abroad experience. To be taken in the semester following international internship or study abroad experience.

**RATIONALE:** To allow appropriate administration of global programs and tracking of their requirements and outcomes.



Eckhard Groll, Dr. Eng.  
Director of Office of Professional Practice  
Reilly Professor of Mechanical Engineering

**COURSE SYLLABUS**  
**ENGR 39700 – Global Engineering Experience**  
**Spring Semester 2015**  
**Instructor: Joe Tort**

Office: Room POTR 114; Phone: 765-494-7323; E-mail: jtort@purdue.edu

**COURSE OBJECTIVES:**

This course is open to engineering students participating in study abroad or international internship. Students will complete supplemental reading and guided writing assignments to document their study abroad experience and reflect upon their cultural learning. Assignments will encourage students to build connections with their host culture. Students will demonstrate increased awareness of the nature and complexities of intercultural communication by applying various theories to their lived experiences. They will document changes in their attitudes and perceptions and gain an appreciation for the similarities and differences between their host culture and home culture.

**Prerequisite:** ENGR 29701

**COURSE FORMAT:**

Students will be given a set of questions to choose from each week. The questions are designed to encourage students to reflect upon their development and cultural understanding of their host country. Students will either submit weekly posts to a blog site or make journal entries, which will be emailed to their instructor. The instructor will provide ongoing feedback and guidance.

**TEXT BOOK/ REFERENCES:**

R. Michael Paige et al. *Maximizing Study Abroad*. Minneapolis: Center for Advanced Research on Language Acquisition, 2002.

**ASSESSMENT:**

The course is assessed on a satisfactory/not satisfactory basis using the following distribution:

Weekly Assignments	100%
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70% of the final distribution is needed to receive the grade of satisfactory.

**SCHEDULE:**

The calendar dates of the course will vary depending on the students' arrival in their host countries. The first assignment should be posted or emailed to the instructor prior to departure. The second assignment will be due the second Sunday after the student has arrived in their host country. Students will create 15 blog posts or journal entries. These will be submitted on a weekly basis and will be due every Sunday. Most journal entries or blog posts should be 300-700 words.

**If you intend to blog-**

**If you intend to keep a journal-** Make sure to keep copies of your journal entries as you may be asked to reflect upon these at a later time. Journal entries pertaining to the writing assignments below should be emailed to the instructor prior to the deadline for each assignment.

**ASSIGNMENTS:****Assignment 1 – Pre-departure thoughts**

Due prior to leaving the U.S. Choose one or both of the following topics to discuss

A. Why have you chosen to study abroad or intern in your host country? What sites do you hope to visit? What aspects of the culture are you intrigued by? What aspects of the culture do you think will be difficult to adapt to? How do you think you will be perceived by the host culture?

B. What are your feelings about leaving the U.S.? What are you nervous about? What are you most excited about? What do you think will be your biggest challenge? Who or what will you miss most? What are you glad to be leaving behind?

**Assignment 2 - Amazing Race!**

Due the second Sunday after arrival in the host country. You will be asked to take a variety of photos regarding experiences or places you will visit. You must photograph the required site or experience and provide a photo caption indicating the name of the site and address or information about how to get to the location. Once all sites have been visited calculate the total time needed from the time of arrival in the host country and enter this time in your blog posting or journal entry. The fastest to complete all tasks will receive a prize upon returning to the U.S. Please be honest about your time of completion. Here are the places and experiences you must have

- Find the International Office of your host university or the place you will work if completing the internship before the study abroad semester
- Find a local bank
- Find a local police station
- Find a local hospital
- Find a pharmacy or place you could get medicine
- Find a youth hostel/hotel
- Find a coffee shop
- Find a post office
- Find the mall or nearest clothing store
- Find a park where you could exercise
- Find a store or restaurant which you could also find in the U.S.
- Find a body of water
- Go to a museum (must include a photo from inside the museum)
- Make a purchase at a grocery store or market (provide a photo of the store and the item/items you purchased)
- Ride public transportation (photo your mode of transportation, in the caption include where you went).
- Purchase a cheap souvenir which includes a city name on it (provide a photo of the souvenir, in the caption tell us how much it costs)
- Take a photo with a local (in the caption tell us the local's name and the nature of your association with that person)
- Eat something you cannot normally get in the U.S. (take a photo of the food, in the caption tell us the name of the food and where you got it).

**Assignment 3- First Interpretations**

Read *Strategies for Keeping a Journal* pp. 119-125 in *Maximizing Study Abroad*

Due one week after assignment 2. Reflect upon your expectations in your host country. Comment on your previous perceptions as they relate to your current reality. Do things look different than you thought they would? Do you feel different than you thought you would? Do people treat you different than you thought they would?

**Assignment 4 – Culture Shock**

Due one week after assignment 3.

Read *Adjusting* pp. 91-112 in *Maximizing Study Abroad*

Describe an experience you were frustrated with or did not understand. Think about and answer some of the following questions. Would this have been a problem in the U.S., if so how would you have handled it? Since you were in a foreign country did you handle this situation differently than you would have handled a similar situation in the U.S.? How might the culture of your host country have influenced this experience? If you were a member of the host culture, would this experience have frustrated you- why or why not? What have you learned from this experience that you can apply to improve other experiences within your host country?

**Assignment 5– Descriptive writing assignment**

Due one week after assignment 4. Go to an event or place you have not been yet. Take the time to feel the surroundings. Describe this using all of your senses (sights, sounds, feel, smell, taste (if applicable)). Comment on your personal feelings surrounding this event or place. Provide at least one photo.

**Assignment 6- A victory**

Due one week after assignment 5.

Read *Strategies for Social Relations* pp. 77-90 in *Maximizing Study Abroad*

Describe a challenge you have overcome during your international experience. How will overcoming this challenge impact the rest of your time in your host country? What have you learned by overcoming this challenge and how might you apply this to future situations in your academic, work, or personal life?

**Assignment 7 – Intercultural Communication**

Due one week after assignment 6.

Read *Strategies for Intercultural Communication* pp 125-132 in *Maximizing Study Abroad*

Reflect upon the patterns of communication discussed in in the pre-departure course. In your experience, what patterns of communication do you see being used by your host culture? What examples can you share? Have you had to adapt to fit this style of communication, if so how? Have you encountered any problems related to different styles of communication, if so share an experience?

**Assignment 8 – Stereotypes**

Due one week after assignment 7.

Read *Strategies for Making Cultural Inferences to Enhance Cultural Learning* pp. 113-118 in *Maximizing Study Abroad*

What stereotypes did you or most Americans hold about your host country? Have you found any stereotypes to be true, if so comment on experiences that lead you to believe this? Have you found certain stereotypes to be false, if so comment on experiences that lead you to believe this? If there are stereotypes you have found to be false, what might you do to change people's perceptions when you return?

**Assignment 9 – Descriptive writing assignment #2**

Due one week after assignment 8. Go to an event or place you have not been yet. Take the time to feel the surroundings. Describe this using all of your senses (sights, sounds, feel, smell, taste (if applicable)). Comment on your personal feelings surrounding this event or place. Provide at least one photo

**Assignment 10 – Cultural Comparison**

Due one week after assignment 9. Reflect upon the differences and similarities between your own culture and the host culture. Have you seen anything similar between your own culture and your host culture? What do people hope for or value in your host country? Is it different or the same as in your home country? Have you been able to appreciate the traditions and beliefs of your hosts? Give an example. How are you treated as a student or intern within your society? How does your status within these positions compare to your status in the U.S.?

**Assignment 11- Further Exploration**

Due one week after assignment 10. Are their dimensions to your host community that you have not yet explored or fully understood? What types of things do you still need to learn? How long do you believe it will take to learn these things? What types of things will you do in your remaining time to gain and understanding of these elements of your host community?

**Assignment 12- Top 10 List**

Due one week after assignment 11. Create a top 10 list. This can be anything you want, such as top 10 experiences, top 10 foods eaten, top 10 places traveled while abroad, top 10 things someone needs to know before traveling to your host country, or anything else you can think of.

**Assignment 13- Important People**

Due one week after assignment 12. Provide photos or name of people who have been important to your experience thus far. Provide a brief caption of why this person has been important to your experience. To what degree did they help you understand your host culture?

**Assignment 14- Descriptive writing assignment #3**

Due one week after assignment 13. Go to an event or place you have not been yet. Take the time to feel the surroundings. Describe this using all of your senses (sights, sounds, feel, smell, taste (if applicable)). Comment on your personal feelings surrounding this event or place. Provide at least one photo

**Assignment 15- Personal Growth**

Due on week after assignment 14. Reflect upon your goals for study abroad and international travel, which were created in the pre-departure course. Have you met your goals? Are there still goals that you need to

accomplish, if so what is your strategy for meeting these goals? Have you changed in any way? Have you developed new understandings about culture, which you can apply in future contexts? How has this experience impacted your future academic, career, or personal goals?



**COURSE SYLLABUS**  
**ENGR 49700 – Global Engineering Re-entry**  
**Fall Semester 2015**  
**Instructor: Joe Tort**

Office: Room POTR 114; Phone: 765-494-7323; E-mail: jtort@purdue.edu

**COURSE OBJECTIVES:**

This course is open to all students participating in the GEARE program. Students will reflect upon the impact of their international experience as it relates to worldview, understanding of culture, personal growth, and career aspirations. Students will learn strategies to highlight international experiences on resumes and in interviews. They will continue cultural learning by engaging in and reflecting upon campus activities promoting intercultural awareness. Students will demonstrate an increasing awareness of others within their own cultural and personal contexts. They will apply strategies to bridge cultural gaps. Students will complete a final project and presentation summarizing their experiences in the GEARE program.

**Prerequisites:** ENGR 29701 and ENGR 39700

**COURSE FORMAT:**

The course will mix in class lectures and discussions with out of class intercultural experiences. Students will pick a variety of intercultural activities to engage in outside of the classroom and reflect upon their experiences through a written assignment. Students must complete a minimum of 15 hours of intercultural activities throughout the semester in order to apply or share what they have learned. They will be required to complete one written reflections to document their experiences. In addition, students will complete a final GEARE project and presentation to summarize their overall experience in the GEARE program.

**TEXT BOOK/ REFERENCES:**

Citron, Jim and Vija Mendelson. Coming Home: Relationships, Roots, and Unpacking.  
[http://www.transitionsabroad.com/publications/magazine/0507/coming\\_home ...](http://www.transitionsabroad.com/publications/magazine/0507/coming_home...)

**ASSESSMENT:**

The course is assessed on a satisfactory/not satisfactory basis using the following distribution:

70% of the final distribution is needed to receive the grade of satisfactory.

**SCHEDULE:**

Week	Date	Topic
1		Share Stories from abroad <i>Complete testimonial assignment for Week 2</i> <i>Read Coming Home article for Week 2</i>
2		Reverse Culture Shock
3		Identify Skills gained while abroad <i>Read Tips for highlighting international experiences on resume handout for Week 3</i>
4		Highlighting Int'l Experience for Resumes and Interviews: Guest Speaker from CCO

		<i>Update resume including international experiences</i>
5		Seeing things differently: how have your perceptions of the U.S. and the world changed
6		Cultural identity
7		Participation in intercultural activity
8		Participation in intercultural activity
9		Participate in intercultural activity
10		Participate in intercultural activity
11		Participate in intercultural activity <i>Reflection Paper due</i>
12		GEARE Poster Session
13		IDI Assessment
		<b>No Class – Thanksgiving Break</b>
14		IDI Debriefing
15		International food celebration (Location, date, and time TBA)

## ASSIGNMENTS:

### **Intercultural Experience**

Students must commit a minimum of 15 hours to the following activities. Students will keep a weekly activity log to document their experiences. The log will be due to the instructor at the end of each week.

1. **Mentor an International Student-** Returned GEARE students know what is like to be new in a foreign country and most likely found natives of the host country to rely on. This activity allows students to return the favor. Returned GEARE students will be matched with a newly arriving international student. Students will be required to meet with the international student for at least an hour per week. The commitment will begin at the beginning of the semester and continue throughout the semester. Students can fulfill their entire intercultural experience commitment with this activity.
2. **Mentor a GEARE Student-** Returned GEARE students will offer their knowledge to GEARE students who have not studied abroad yet. They will meet with GEARE students currently enrolled in the ENGR 29701 to share their cultural experiences and insights about foreign travel. Students may use this activity in combination with activities 3 and 4 to fulfill their intercultural experience commitment.
3. **Study Abroad or GEARE Presentations-** Participate in promotional activities including participation at Study Abroad or GEARE outreach events or classroom presentations. Students may combine this activity with activities 2 and 4 to fulfill their intercultural experience commitment.
4. **Other-** Participate in campus sponsored intercultural activities where you have the opportunity to share your experience or learn about another culture. Students may use this activity in combination with activities 2 and 3 to fulfill their intercultural experience commitment.

**Intercultural Reflection Paper**

Complete a 2-3 page paper. Reflect upon your international experience and the experiences you are currently having with international students or American students. Use these questions to guide your response. How have your international experiences impacted your current relationships with international or American students on campus? Think back to your experiences prior to traveling abroad. Do you notice differences in the way you communicate with others or handle various situations? What do you wish others knew about culture, and how might you utilize your experiences to enlighten others? In what ways might you continue to develop cultural competency after leaving Purdue?

**GEARE Poster Session**

Students will produce a 36" by 48" poster documenting all GEARE experiences. The poster must include an abstract summarizing their experience, as well as, additional information about their domestic internship/research experience, international internship/research experience, international design team project, study abroad semester, and the broader impacts of their international experiences. They will present the posters at a formal poster session. The audience will include faculty, students, community, and industrial partners. PDF versions should also be submitted to the Office of Professional Practice. PDF versions will be made available to future students, GEARE industrial partners, and GEARE university partners.