

1. General Information

1a. Submitted by the College of: ENGINEERING

Date Submitted: 9/7/2016

1b. Department/Division: College of Engineering

1c. Contact Person

Name: Ilka Balk

Email: ilka.balk@uky.edu

Phone: 7-4178

Responsible Faculty ID (if different from Contact)

Name:

Email:

Phone:

1d. Requested Effective Date: Semester following approval

1e. Should this course be a UK Core Course? No

2. Designation and Description of Proposed Course

2a. Will this course also be offered through Distance Learning?: No

2b. Prefix and Number: EGR 196

2c. Full Title: Engineering Practice, Culture, and Language in Germany

2d. Transcript Title: Engineering and Culture in Germany

2e. Cross-listing:

2f. Meeting Patterns

LECTURE: 4/wk

INDEPSTUDY: 1/wk

OTHER: 4/wk

OTHEREXPLAIN: Visits to companies and cultural sites: Includes tour of engineering facilities, discussions with company leaders, and engineers

2g. Grading System: Letter (A, B, C, etc.)

2h. Number of credit hours: 3

2i. Is this course repeatable for additional credit? No

If Yes: Maximum number of credit hours:

If Yes: Will this course allow multiple registrations during the same semester?

2j. Course Description for Bulletin: This course is part of a study abroad program conducted in Germany. Students will visit Engineering companies and cultural sites in Germany, and better understand engineering practices, training and culture of Germany and its engineering companies. Students will conduct background research on the companies and sites they visit. Students will also take a German language and culture course as part of this course, which will teach basic German language, but also customs, culture and history of Germany and its residents.

2k. Prerequisites, if any:

2l. Supplementary Teaching Component: Community-Based Experience

3. Will this course taught off campus? Yes

If YES, enter the off campus address: Karlsruhe Institute of Technology, Karlsruhe/Germany

4. Frequency of Course Offering: Summer,

Will the course be offered every year?: Yes

If No, explain:

5. Are facilities and personnel necessary for the proposed new course available?: Yes

If No, explain:

6. What enrollment (per section per semester) may reasonably be expected?: 24

7. Anticipated Student Demand

Will this course serve students primarily within the degree program?: Yes

Will it be of interest to a significant number of students outside the degree pgm?: No

If Yes, explain:

8. Check the category most applicable to this course: Relatively New – Now Being Widely Established,

If No, explain:

9. Course Relationship to Program(s).

a. Is this course part of a proposed new program?: No

If YES, name the proposed new program:

b. Will this course be a new requirement for ANY program?: No

If YES, list affected programs:

10. Information to be Placed on Syllabus.

a. Is the course 400G or 500?: No

b. The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable, from 10.a above) are attached: Yes

Distance Learning Form

Instructor Name:

Instructor Email:

Internet/Web-based: No

Interactive Video: No

Hybrid: No

1. How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Senate Syllabus Guidelines, specifically the Distance Learning Considerations?

2. How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goals, assessment of student learning outcomes, etc.

3. How is the integrity of student work ensured? Please speak to aspects such as password-protected course portals, proctors for exams at interactive video sites; academic offense policy; etc.

4. Will offering this course via DL result in at least 25% or at least 50% (based on total credit hours required for completion) of a degree program being offered via any form of DL, as defined above?

If yes, which percentage, and which program(s)?

5. How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom setting?

6. How do course requirements ensure that students make appropriate use of learning resources?

7. Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program.

8. How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/or receipt of the course, such as the Information Technology Customer Service Center (<http://www.uky.edu/UKIT/>)?

9. Will the course be delivered via services available through the Distance Learning Program (DLP) and the Academic Technology Group (ATL)? NO

If no, explain how student enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said technology.

10. Does the syllabus contain all the required components? NO

11. I, the instructor of record, have read and understood all of the university-level statements regarding DL.

Instructor Name:

Contact Hour Justification

This course is part of a study abroad program, that is a 5 week program in Europe (currently Karlsruhe, Germany). The contact hours listed are hours/week over 5 weeks: meet for 9 hours each week for 5 weeks=45 hours total

These meetings consist of:

Language training, as well as history and culture of Germany: 4 hours/week

Company visits, discussions about and research on German engineering and industry: 5 hours/week

EGR 196: German Engineering, 3 credit hours, SS2

Justification for this course:

The course is part of a Study Abroad Program that the College of Engineering, with the support of the College of Arts and Sciences' Department of Mathematics, conducts annually at the Karlsruhe Institute of Technology in Karlsruhe/Germany.

The course has been taught as EGR 199, Sec. 720 (2 credit hours) for a few years, but because it appears that this will be a permanent program at UK, we are requesting that the course gets its own course number.

For EGR 196, we are adding a German Language and Culture component which will increase the credit hours to 3 from 2 when it was taught as EGR 199.

Please see attached syllabus for more information.

EGR 199/EGR 196
German Engineering Practices, Culture and Language

Instructor: Ilka Balk, M.A.
Office Address: 289 RGAN
Email: ilka.balk@uky.edu
Office Phone: 257-4178
Office hours: Wednesday, 3:15-4:15pm

Course Description:

This course grants college credit to students who study abroad as part of the College of Engineering's "Calculus in Germany" Program. The course will seek to educate students on engineering and business practices in a global economy. It also seeks to teach students about cultural awareness, and how to function and succeed in a foreign country with locals. Students are staying with host families during their study abroad program, and the course includes company visits as well as cultural visits and a German Language and Culture component.

Prerequisites:

Students must have successfully completed Calculus 1 and 2 before the start of the program.

Co-requisites

Students need to have applied for, been accepted into, and registered for the "Calculus in Germany" summer study abroad program through the UK International Center.

Student Learning Outcomes:

After completion of this course, students should be able to:

- Interact with company executives
- Experience different engineering practices and company cultures in Germany
- Be able to navigate transportation in foreign countries
- Assimilate and live with a host family
- Have a basic working knowledge of German phrases
- Learn about German customs in the context of history and culture

Required Materials:

None

Description of Course Activities and Assignments

Students live with host families in Germany, and through this, immerse in German culture.

Students travel in a group to visit engineering companies one day a week for four weeks. They will engage with company management to discuss qualities of an engineer in the global economy, and they will learn to understand and value cultural differences.

The course includes discussions and exercises to promote teamwork and working across cultural

differences. Group activities will include “ice breaker” activities, and reflections and discussions about experiences and coping with differences and living in a foreign country. 2 times/week for 5 weeks, we will conduct a German language and culture course which will help students learn basic conversational German as well as better understand German customs, culture and history. The group will also travel to Munich for one weekend, where the students will visit companies, but also learn about the history and culture of the city.

Course Assignments

Criteria to obtain the credit include:

- Attending all four company and three cultural visits (5 percent per visit=35% percent)
- A research report before four company visits, and a reflective assignment after the Dachau Concentration Camp Memorial (or other cultural) site visit (5 percent per report = 25 percent) If there is no assignment given before/after a visit, the visit will count for both assignment and visit (i.e. 10 percent)
- Living with host families and proper representation of the university/conduct (10 percent)
- Successful completion of the German language and culture class – attendance and assignments (20 percent)
- Final experience report on the program (10 percent)
- Paying any designated University of Kentucky tuition and fees

Summary Description of Course Assignments

Students will prepare reports on the company that will be visited before the scheduled visit. Research includes the size of the company, location, if they are publicly/privately owned and products that are produced there. For cultural visits, students will reflect on the experience and what they learned through the visit.

Course Grading

Grading scale for undergraduates:

Letter Grade

90 – 100% = A

80 – 89% = B

70 – 79% = C

60 – 69% = D

Below 60% = E

Grading Scale for graduate students not applicable as this is an undergraduate only course.

Tentative Course Schedule:

Week 1: Walking tour of the City of Karlsruhe (attendance, no report)

End of Week 1: Company visit number 1; company research will be due the night before the scheduled visit

End of Week 2: Company visit number 2; company research will be due the night before the

scheduled visit

End of Week 3: Visit to Munich: Company company visit 3 and visit one cultural site (Dachau Concentration Camp Memorial Site – cultural visit number 2) as well as city tour of Munich (cultural visit number 3)

End of Week 4: Company visit number 4; company research will be due the night before the scheduled visit

Final Exam Information

Final Experience Report is due on the last day of Finals week for the Summer Session 2 term.

Mid-term Grade (for 100-400 level courses, and for undergrads in 500-level courses)

Mid-term grades will be posted in myUK by the deadline established in the Academic Calendar (<http://www.uky.edu/registrar/calendar>).

Submission of Assignments:

Assignments will be submitted via e-mail to the instructor; if the student has no access to any word processor/computer/internet, student can arrange alternate submission of assignment with instructor prior to its due date.

Cost of the course:

EGR 196 is part of an education abroad program. The fees for the program will be determined by the expected costs divided by the number of participants. During the fall semester, the costs will be posted on the Education Abroad program website. This course, if taught in the summer with section number 7xx, which indicates that it is part of an education abroad program, will not incur tuition costs, but is part of the overall education abroad program cost.

Attendance Policy

Students are required to participate in all company and cultural visits. Students are required to be on time and dressed properly for the visits (instructor sends out information before each company visits)

Excused Absences

Students need to notify the professor of absences prior to class when possible. *Senate Rules 5.2.4.2* defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit “reasonable cause for nonattendance” by the professor.

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Two weeks prior to the absence is reasonable, but should not be given any later. Information regarding major religious holidays may be obtained through the Ombud (859-257-3737, http://www.uky.edu/Ombud/ForStudents_ExcusedAbsences.php).

Students are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused) per University policy.

Per *Senate Rule 5.2.4.2*, students missing any graded work due to an excused absence are responsible: for informing the Instructor of Record about their excused absence within one week following the period of the excused absence (except where prior notification is required); and for making up the missed work. The professor must give the student an opportunity to make up the work and/or the exams missed due to an excused absence, and shall do so, if feasible, during the semester in which the absence occurred.

Verification of Absences

Students may be asked to verify their absences in order for them to be considered excused. *Senate Rule 5.2.4.2* states that faculty have the right to request “appropriate verification” when students claim an excused absence because of illness, or death in the family. Appropriate notification of absences due to University-related trips is required prior to the absence when feasible and in no case more than one week after the absence.

Academic Integrity

Per University policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the University may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: <http://www.uky.edu/Ombud>. A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Senate Rules 6.3.1 (see <http://www.uky.edu/Faculty/Senate/> for the current set of *Senate Rules*) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about a question of plagiarism involving their work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording, or content from another source without appropriate acknowledgment of the fact, the students are guilty of plagiarism.

Plagiarism includes reproducing someone else's work (including, but not limited to a published article, a book, a website, computer code, or a paper from a friend) without clear attribution. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work, which a student submits as his/her own, whoever that other person may be. Students may discuss assignments among themselves or with an instructor or tutor, but when the actual

work is done, it must be done by the student, and the student alone.

When a student's assignment involves research in outside sources or information, the student must carefully acknowledge exactly what, where and how he/she has employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content, and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas, which are so generally and freely circulated as to be a part of the public domain.

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

Accommodations due to disability

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (DRC). The DRC coordinates campus disability services available to students with disabilities. It is located on the corner of Rose Street and Huguelet Drive in the Multidisciplinary Science Building, Suite 407. You can reach them via phone at (859) 257-2754 and via email at drc@uky.edu. Their web address is <http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/>.

Company and Site visits for 2016:

City Tour of Karlsruhe

- 1) June 17: Agilent in Waldbronn, near Karlsruhe, from 1 to 3 pm
- 2) June 23: msc technologies, Stutensee, near Karlsruhe, 2:45-4 pm (depart KA at 1:45)
- 3) July 1: Krauss Maffei (afternoon visit after arriving in Munich)
- 4) July 2: city tour of Munich and Deutsches Museum of Technology (tentative)
- 5) July 3: Dachau concentration camp memorial site visit (tentative)
- 6) July 4: BMW (noon, before leaving Munich)
- 7) July 8: Boehringer Ingelheim (near Mainz, 10 am – 12 pm)

Because the city tour of Karlsruhe was not mandatory, I have replaced the “5% weight” for each company visit with the MSC Technology visit (or it’s makeup opportunities, since they can’t accommodate the whole group)