**New Course Request**

**Indiana University**

**Indianapolis** Campus

<table>
<thead>
<tr>
<th>Check Appropriate Boxes:</th>
<th>Undergraduate credit ✓</th>
<th>Graduate credit □</th>
<th>Professional credit □</th>
</tr>
</thead>
</table>

1. **School/Division:** School of Engineering and Technology  
2. **Academic Subject Code:** OLS  
3. **Course Number:** 423 (must be cleared with University Enrollment Services)  
4. **Instructor:** FOX/HUNDLEY  
5. **Course Title:** Green Organizations: Global Responsibility for Environmental & Economic Necessity  
   **Recommended Abbreviation (Optional):** GO GREEN  
   (Limited to 32 Characters including spaces)

6. **First time this course is to be offered (Semester/Year):** Summer 2007 (4075)

7. **Credit Hours:** Fixed at _______ or Variable from _______ to _______  
8. **Is this course to be graded S-F (only)?** Yes ☑ No □

9. **Is variable title approval being requested?** Yes □ No ☑

10. **Course description (not to exceed 50 words) for Bulletin publication:**
    OLS 423 Go Green (1-6 cr.) P: Permission of instructor is required. This course is interdisciplinary - emphasizing sustainability, engineering, manufacturing, technology, & leadership processes for the purpose of being environmentally responsible, cost effective, and socially responsible including guest lecturers, group discussions, and tours of businesses, locally or in other countries.

11. **Lecture Contact Hours:** Fixed at _______ or Variable from _______ to _______

12. **Non-Lecture Contact Hours:** Fixed at _______ or Variable from _______ to _______

13. **Estimated enrollment:** _______ of which _______ percent are expected to be graduate students.

14. **Frequency of scheduling:** Annual ☐ Will this course be required for majors? No ☑

15. **Justification for new course:** Critical need for development of Interdisciplinary Support for Sustainability in Engineering & Technology

16. Are the necessary reading materials currently available in the appropriate library? Yes ☑ No □

17. Please append a complete outline of the proposed course, and indicate instructor (if known), textbooks, and other materials.

18. If this course overlaps with existing courses, please explain with which courses it overlaps and whether this overlap is necessary, desirable, or unimportant.

19. A copy of every new course proposal must be submitted to departments, schools, or divisions in which there may be overlap of the new course with existing courses or areas of strong concern, with instructions that they send comments directly to the originating Curriculum Committee. Please append a list of departments, schools, or divisions thus consulted.

Submitted by:  
**[Signature]**  
Date 2/03/07  
Department Chairman/Division Director

Approved by:  
**[Signature]**  
Date 2/20/07  
Dean

Dean of Graduate School (when required)  
Date  
Chancellor/Vice-President  
Date  
University Enrollment Services

After School/Division approval, forward the last copy (without attachments) to University Enrollment Services for initial processing, and the remaining four copies and attachments to the Campus Chancellor or Vice-President.
Syllabus (Draft)

Course Number: OLS423

Course Title: GO GREEN: Green Organizations: Global Responsibility for Environmental and Economic Necessity

Course Dates: IUPUI – June 2-3, 2006 (pre-departure meetings)
Mannheim, Germany – July 9 - 14, 2006 (site visits)
IUPUI – July 29, 2006 (post-trip assignments due)

Course Description: Short Study Abroad Course

This is an interdisciplinary course, emphasizing sustainability, globalization and German culture. In this context, sustainability refers to design, engineering, manufacturing, technology, and leadership processes implemented and maintained in business and industry for the purpose of being environmentally responsible, energy efficient, cost effective, and socially responsible. The one-week course in Mannheim, Germany will include discussions, guest lectures, visits, and tours of ABB (Ladenberg), DaimlerChrysler (Rastatt), Fraunhofer Institute for Solar Energy Systems (Freiburg), MVV Energie (Mannheim), Solar-Fabrik (Freiburg), and the town of Ladenburg. The businesses, industries and the small town will be studied for their sustainable practices. Roche in Indianapolis will also provide a guest lecture on globalization and sustainability. German entities will be compared to similar entities in the United States.

General Course Learning Objectives:

Upon completion of this class students will have:

- Acquired knowledge of issues in sustainability as they relate to business and industry internationally and nationally.
- Examined and evaluated case studies of sustainable practices in business and industry.
- Visited international organizations that practice sustainability to gain first hand knowledge of operations.
- Identified trends and business practices in various sustainable organizations.
- Utilized information from course to apply sustainable knowledge in the workplace upon return.
- Acquired some knowledge of German culture and language.
- Understood and analyzed the interconnectivity of global concerns.

Instructors:

Pat Fox
Organizational Leadership and Supervision Department
Office -- ET 219 D
Office Hours -- Monday through Friday (by appointment)
Phone: 317-274-0807 (w) or 317-271-5240 (h)
E-mail: psfox@iupui.edu

Andrew Hsu
Mechanical Engineering Department
Office – ET 219 and SL 260  
Phone: 317-274-9715  
E-mail: alsu@iupui.edu

Elizabeth Coles  
Construction Technology Department  
Office -- ET 309 G  
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Phone: 317-274-1938 (w) or 317-329-6417 (h)  
E-mail: ecoles@iupui.edu

Claudia Grossmann  
German Department  
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E-mail: cgrossma@iupui.edu

Stephen Hundley  
Organization Leadership and Supervision Department  
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Phone 317 274-2876 (w)  
Office Hours - Monday through Friday (by appointment)  
E-mail: shundley@iupui.edu

This class will meet for two days in Indianapolis on June 2 and 3rd at IUPUI. Then, it will meet in Mannheim, Germany for one week starting Sunday July 9, 2006. The class will meet at the Holiday Inn Mannheim City Center for dinner at 5:00 pm on Sunday, July 9, and this meeting is required.

Class Location/Day/Time/Activities:

<table>
<thead>
<tr>
<th>Friday</th>
<th>2-Jun</th>
<th>8am-5pm</th>
<th>IUPUI</th>
<th>ET 324</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday</td>
<td>3-Jun</td>
<td>8am-5pm</td>
<td>IUPUI</td>
<td>ET 324</td>
</tr>
<tr>
<td>Sunday</td>
<td>July 9</td>
<td>5pm-8pm</td>
<td>Germany</td>
<td>Holiday Inn (meeting place) – Welcome Dinner</td>
</tr>
<tr>
<td>Monday</td>
<td>July 10</td>
<td>7am-5pm</td>
<td>Germany</td>
<td>Holiday Inn (meeting place) and Site Visits</td>
</tr>
<tr>
<td>Tuesday</td>
<td>July 11</td>
<td>7am-5pm</td>
<td>Germany</td>
<td>Holiday Inn (meeting place) and Site Visits</td>
</tr>
<tr>
<td>Wednesday</td>
<td>July 12</td>
<td>7am-5pm</td>
<td>Germany</td>
<td>Holiday Inn (meeting place) and Site Visits</td>
</tr>
<tr>
<td>Thursday</td>
<td>July 13</td>
<td>7am-5pm</td>
<td>Germany</td>
<td>Holiday Inn (meeting place) and Site Visits</td>
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<tr>
<td>Friday</td>
<td>July 14</td>
<td>7am-5pm</td>
<td>Germany</td>
<td>Holiday Inn (meeting place) and Site Visits</td>
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<tr>
<td>Friday</td>
<td>29-Jul</td>
<td>10-2</td>
<td>IUPUI</td>
<td>ET 324 &amp; Assignments due</td>
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</tbody>
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Course Texts:

Please note: These books (3) must be read before the course begins on June 2, 2006.

When in Germany, Do as the Germans Do  by Hyde Flippo, McGraw-Hill Publishing Company

Mid-Course Correction: Towards a Sustainable Enterprise: The Interface Model by Ray C. Anderson ---Chelsea Green Publishing Company.

? Third book? – To be announced

Points may be earned in accordance with the following scale:

<table>
<thead>
<tr>
<th>Questions</th>
<th>10 points</th>
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<tbody>
<tr>
<td>Journal, Short Paper – Cultural Focus</td>
<td>30 points</td>
</tr>
<tr>
<td>GO GREEN Course Paper</td>
<td>60 points</td>
</tr>
<tr>
<td>Total Points</td>
<td>100</td>
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</tbody>
</table>

Grades:

Letter grades will be assigned in accordance with the following scale:

| 100% to 98 = A+ | 80.99 to 78 = C+ |
| 97.99 to 93 = A | 77.99 to 73 = C  |
| 92.99 to 91 = A-| 72.99 to 71 = C- |
| 90.99 to 88 = B+| 70.99 to 68 = D+ |
| 87.99 to 83 = B  | 67.99 to 60 = D  |
| 82.99 to 81 = B- | 59.99/lower = F |

Explanation of Assignments:

I. Questions for Site Visits –Due Date Sunday, June 26, 2005 (10 points)

Each student is responsible for researching each of the companies that we are visiting in Germany prior to meeting in Mannheim. Prepare at least 2-3 questions for each company: ABB (Ladenberg), DaimlerChrysler (Rastatt), Fraunhofer Institute for Solar Energy Systems (Freiburg), MVV Energie¹ (Mannheim), Solar-Fabrik (Freiburg), Roche (Indianapolis)² and the town of Ladenburg. These questions should be well thought out relating to the company’s sustainable products and/or processes. These questions should be written in your journals by July 9, 2006. You should also bring an EXTRA copy of your questions to submit at our dinner meeting on Sunday July 9 (use texts and visit company websites for assistance in developing your questions).

¹We will visit MVV’s Waste to Energy & Biomass plant.
²We will have a guest speaker from Roche Indianapolis
II. Journal Short Paper ---Due Date Friday, July 29, 2006 (30 points)

We will provide each student with a journal notebook to capture important lessons learned from the various site visits in Germany and to note cultural differences and similarities in work and everyday life during your trip.

You will write a 3-5-page paper in which you describe, document, and reflect on your reactions to the German aspects of behavior, attitudes, and customs, as well as the similarities and differences in the lives of citizens of Germany and US. This paper will permit you to identify important insights, observations, etc., and provide a commentary on learning from observation. In your paper, please indicate how your learning about a different culture from this class is applicable to your personal, academic, and professional life now and in the future. This paper is meant to be about the cultural learning aspect of your trip. You can comment on cultural business issues if you want, but do not talk specifically about the companies in this paper.

III. GO GREEN Course Paper – Due Date Friday, July 29, 2006 (60 points)

This written assignment requires you to do an in-depth analysis of at least three companies we will visit: ABB (Ladenberg), DaimlerChrysler (Rastatt), Fraunhofer Institute for Solar Energy Systems (Freiburg), MVV Energie (Mannheim), Roche (International) or SolarFabrik (Freiburg). You will need to collect and analyze information about the company's products, processes, customer base, etc. and make comparisons to similar U.S.-based companies including their views on sustainable practices and processes. Your paper should be broken into at least five parts. The first part should be an introduction to the subject. The next three sections will contain information about the German companies and the companies you chose to compare and an analysis of comparisons of these companies (especially looking at the sustainable issues). Your final section should integrate your learning from the site visits and the course readings, and should address the following: how the readings related to your understanding of the subject; how the site visits related to your understanding of the subject; how your comparisons of German-U.S. companies related to your understanding of the subject; and how your role as a customer, citizen, or manager effects decision-making in companies, communities, countries, and globally. Make sure your paper addresses how the sustainable practices of the German companies we visited compare to other companies like those in the US and then how does all of that affect other companies, communities, countries, and the world. Your paper should be at least 10 pages, plus references and appendices. Use APA style.

**Helpful steps in completing this assignment:**

1. Collect extensive data on the companies visiting and comparing:
   a. *Observations* of interactions (between leaders, employees, customers, etc.)
   b. *Interviews* with key informants (those knowledgeable about sustainability issues)
   c. *Documents* (e.g. product or process specifications; materials lists, brochures)
   d. *Past records* (e.g. financial statements; quarterly and annual reports)
   e. *Audiovisual materials* and/or *electronic resources* (e.g. websites)

2. Analyze the data obtained:
   a. What are the facts (what do you know for certain)?
b. What are the categories of data that emerge (e.g. people issues; product or service issues; technology issues)?

c. What do the interviews, documents, observations, etc. mean to you?

d. What are the underlying themes, patterns, and connections that can be made from your interpretation of the data?

e. What are the overall conclusions and implications that can be drawn?

3. Make comparisons to with U.S. companies (you might use some companies discussed in your readings). In addition to collecting and analyzing their data you may want to consider the following:

   a. Physical environmental factors or features
   b. Historical factors
   c. Economic and competitive factors
   d. Human, social, and technological factors
   e. Other factors or features relevant to your analysis and comparison

4. Develop a 10-page (minimum) paper that contains the following:

   a. Description of the observations you made, whom you interviewed, the documents you examined, etc.
   b. Description of the trends, themes, characteristics, etc. that your analysis of the data suggest – interpret and summarize what you learned from these organizations based on the data you obtained
   c. Results of the comparisons made between the German companies and the US companies – include similarities and differences noted
   d. Conclusions that you made as a result of studying the organizations and the implications of those conclusions
   e. Please include references and appendices that direct the reader to specific citations, documents, raw data, etc. that can substantiate your work and illuminate the concepts described in the paper
PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF A COURSE

DEPARTMENT: Organizational Leadership and Supervision
EFFECTIVE SESSION: 4075 (Summer 2007)

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

☐ 1. New course with supporting documents
☐ 2. Add existing course
☐ 3. Expiration of a course
☐ 4. Change in course number
☐ 5. Change in course title
☐ 6. Change in course credit/weight
☐ 7. Change in course attributes
☐ 8. Change in instructional hours
☐ 9. Change in course description
☐ 10. Change in course requirements
☐ 11. Change in semesters offered
☐ 12. Transfer from one department to another

PROPOSED:
Subject Abbreviation: OLS
Course Number: 423
Long Title: Green Organizations: Global Responsibility for Environmental & Economic Necessity
Short Title: GoGreen

EXISTING:
Subject Abbreviation
Course Number
Long Title
Short Title

TERMS OFFERED:
Check All That Apply:
- Summer [x]
- Fall [x]
- Spring [x]

CAMPUS(ES) INVOLVED:
Calumet
Indianapolis [x]
W. Lafayette
N. Central
Cont Ed
Tech statewide

CREDIT TYPE:
1. Fixed Credit: Cr. Hrs.
2. Variable Credit Range
   Minimum Cr. Hrs.
   (Check One) To
   Maximum Cr. Hrs.
3. Equivalent Credit: Yes [x] No [ ]
4. Thesis Credit: Yes [ ] No [x]

COURSE ATTRIBUTES:
Check all that apply:
1. Pass/No Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
4. Credit by Examination
5. Designator Required
6. Special Fees
7. Registration Approval Type
   Department [x] Instructor [ ]
8. Variable Title
9. Remedial
10. Honors
11. Full Time Privilege
12. Off Campus Experience

Instructional Type:
Lecture
Recitation
Presentation
Lab Prep
Studio
Distance
Clinic
Experiential
Research
Ind. Study
Pract/Oberv

Minutes
60
Per Mtg
(1)
(16)

Meetings
Per Week

Weeks
Offered

% of Credit
Allocated

Delivery Method (Async Or Syn)

Delivery Medium (Audio, Internet, Live, Text-Based, Video)

Cross Listed Courses

COURSE DESCRIPTION (INCLUDE REQUIREMENTS):
OLS 423 Go Green (1-6 cr.): Permission of instructor is required. This course is interdisciplinary - emphasizing sustainability, engineering, manufacturing, technology, and leadership processes for the purpose of being environmentally responsible, cost effective, and socially responsible including guest lecturers, group discussions, and tours of businesses, locally or in other countries.

Calumet Undergrad Curriculum Committee Date
Calumet Department Head Date
Calumet School Dean Date

Fort Wayne Department Head Date
Fort Wayne School Dean Date
Fort Wayne Chancellor Date

Indianapolis Department Head Date
Indianapolis School Dean Date
Undergrad Curriculum Committee Date

North Central Department Head Date
North Central Chancellor Date
Date Approved by Graduate Council

West Lafayette Department Head Date
West Lafayette College/School Dean Date
Graduate Council Secretary Date

Graduate Council Area Committee Chair Date
Graduate Dean Date
West Lafayette Registrar Date

OFFICE OF THE REGISTRAR