

**PURDUE UNIVERSITY**  
**REQUEST FOR ADDITION, EXPIRATION,**  
**OR REVISION OF A GRADUATE COURSE**  
**(500-600 LEVEL)**

21-04

DEPARTMENT Civil Engineering EFFECTIVE SESSION Fall 2007

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

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

<b>PROPOSED:</b>	<b>EXISTING:</b>
Subject Abbreviation <u>CE</u>	Subject Abbreviation _____
Course Number <u>598</u>	Course Number _____
Long Title <u>Graduate Professional Internship</u>	_____
Short Title <u>Gr Professional Intern</u>	_____

Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)

**TERMS OFFERED**  
Check All That Apply:

Summer  Fall  Spring

**CAMPUS(ES) INVOLVED**

<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	

**CREDIT TYPE**

1. Fixed Credit: Cr. Hrs. 0

2. Variable Credit Range:  
Minimum Cr. Hrs. \_\_\_\_\_  
(Check One) To  Or   
Maximum Cr. Hrs. \_\_\_\_\_

3. Equivalent Credit: Yes  No

4. Thesis Credit: Yes  No

**COURSE ATTRIBUTES: Check All That Apply**

<input type="checkbox"/> 1. Pass/Not Pass Only	<input type="checkbox"/> 7. Registration Approval Type
<input type="checkbox"/> 2. Satisfactory/Unsatisfactory Only	Department <input checked="" type="checkbox"/> Instructor <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> 3. Repeatable	<input type="checkbox"/> 8. Variable Title
Maximum Repeatable Credit: <u>0</u>	<input type="checkbox"/> 9. Remedial
<input type="checkbox"/> 4. Credit by Examination	<input type="checkbox"/> 10. Honors
<input type="checkbox"/> 5. Designator Required	<input checked="" type="checkbox"/> 11. Full Time Privilege
<input checked="" type="checkbox"/> 6. Special Fees	<input checked="" type="checkbox"/> 12. Off Campus Experience

Instructional Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated	Delivery Method (Asyn. Or Syn.)	Delivery Medium (Audio, Internet, Live, Text-Based, Video)
Lecture						
Recitation						
Presentation						
Laboratory						
Lab Prep						
Studio						
Distance						
Clinic						
Experiential X			16 (12 summer)			
Research						
Ind. Study						
Pract/Observ						

**Cross-Listed Courses**


**COURSE DESCRIPTION (INCLUDE REQUISITES):**  
Sem. 1, 2, and SS., cr. 0  
Prerequisite: Graduate standing or one academic year in Civil Engineering and consent of instructor

Professional experience in Civil Engineering. This internship experience is intended to complement the student's academic coursework and help prepare the student for a career as a practicing engineer. Program coordinated by school with cooperating employers. A written report is required. This course may be repeated but may not be taken in successive semesters.

Calumet Department Head _____ Date _____	Calumet School Dean _____ Date _____	Calumet Undergrad Curriculum Committee _____ 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 <u>MKB</u> <u>5/18/07</u>	West Lafayette College/School Dean <u>[Signature]</u> <u>5/24/07</u>	Graduate Council Secretary _____ Date _____
Graduate Area Committee Convener _____ Date _____	Graduate Dean _____ Date _____	West Lafayette Registrar _____ Date _____



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took to Sherry, for registration, where to send to reg. 15. + copy to prof

Engineering Faculty Document No. 27-06  
February 8, 2007

To: The Engineering Faculty  
From: The Faculty of the School of Civil Engineering  
Subject: Proposed New Course CE 598

The Faculty of the School of Civil Engineering has approved the following new graduate course. This action is now submitted to the Engineering Faculty with a recommendation for approval.

**CE 598 Graduate Professional Internship**  
Sem. 1, 2, and SS., cr. 0  
Prerequisite: Graduate standing for one academic year in Civil Engineering and consent of instructor

Professional experience in Civil Engineering. This internship experience is intended to complement the student's academic coursework and help prepare the student for a career as a practicing engineer. Program coordinated by school with cooperating employers. A written report is required. This course may be repeated but may not be taken in successive semesters.

**REASON:** This is to encourage students to obtain meaningful work experience to complement their academic work.

M. K. Banks  
M. Katherine Banks  
Professor and Head  
School of Civil Engineering

APPROVED FOR THE FACULTY  
OF THE SCHOOLS OF ENGINEERING  
BY THE COMMITTEE ON  
FACULTY RELATIONS

CFR Minutes 17  
Date 3/8/07  
Chairman CFR Michael J. Traverski



## Supporting Documentation for CE 598

### Requirements

- Employment must be civil engineering related.
- Student must arrange this internship through the CE Graduate Office.
- Students on academic probation are not eligible.
- This course will be graded Satisfactory/Unsatisfactory.
- Students must have been enrolled in classes at the West Lafayette campus the semester immediately preceding the internship.
- This course may not be taken in successive semesters.
- Students who have completed the course requirements for their degrees are not eligible.
- This course may not be taken for more than three terms.
- A written report is required.

### Report

The main objective of this report is to describe the work assignment. The primary audience is a fellow civil engineer; therefore, the discussion should be technical in nature. Do not assume the reader has detailed knowledge of the project. Please define any technical term or abbreviation. It is not necessary to discuss every detail of the internship. Instead, discuss a particular project or a problem that required extra effort and thought.

The report will consist of the following:

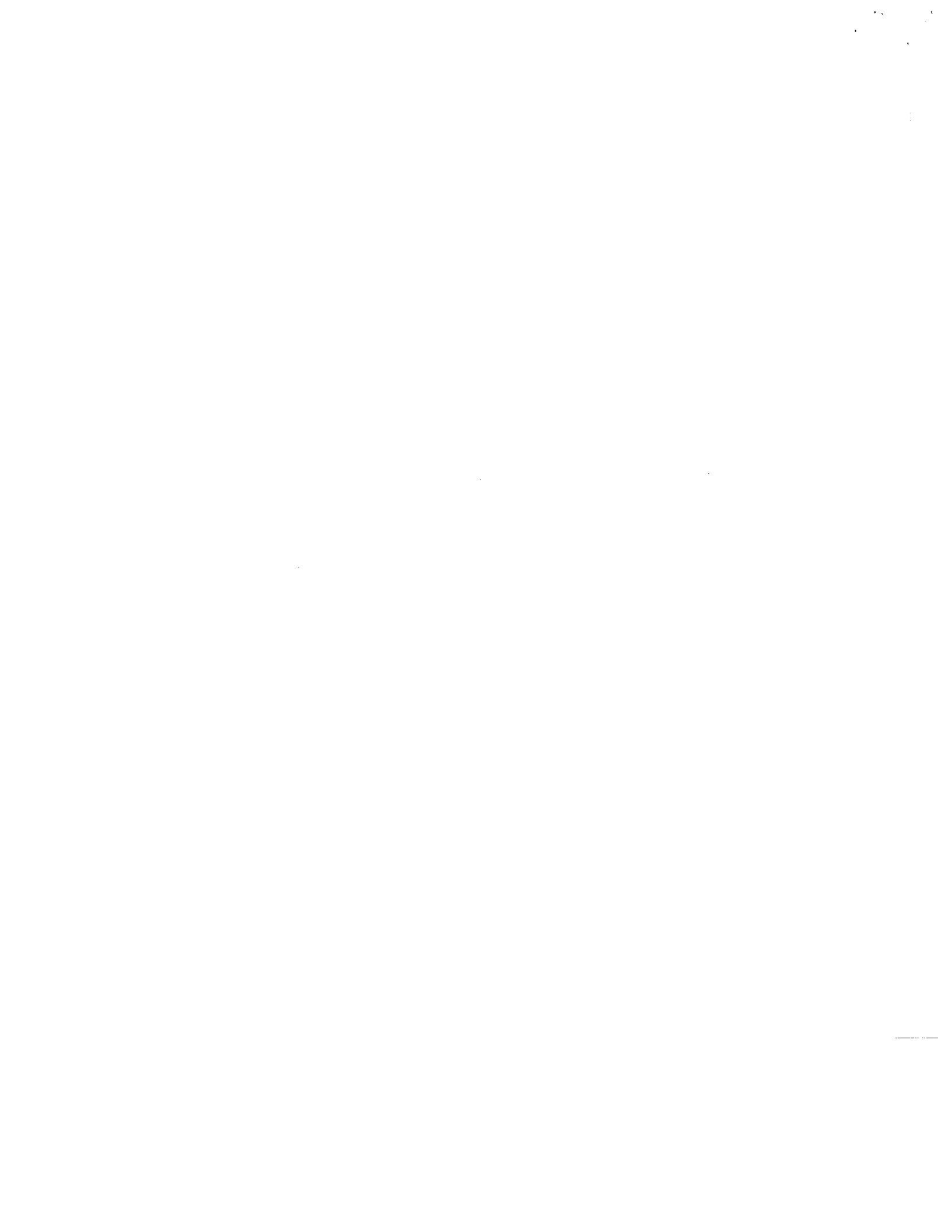
1. Cover page (one page), to include
  - Title
  - Intern's name
  - Company name and address
  - Intern's signature
  - Supervisor's signature
  - An abstract of approximately 50 words.
2. Body (4-5 pages)
  - Double spaced, 12 point Times New Roman font
  - 1 inch margins all around
3. Appendix
  - Includes history of the company, products and services that the company provides, and intern's position within the company.

### Grading

The report will be evaluated for technical content, organization, and the proper use of the English language

### Submission

The report should be submitted for evaluation at the beginning of the final exam period for the term of the internship.



TO: Purdue University Graduate Council  
From: Faculty Member: Darcy Bullock  
From: Department: Civil Engineering  
Campus: West Lafayette  
Date: 5/15/2007

For Reviewer's comments only
Reviewer: <u>Select One</u>
Comments:

Subject: Proposal for New Graduate Course –Documents Supporting Registrar's Form 40

Contact information if questions arise      Name: Becky Hull  
Phone Number: 62379  
E-mail: bhull@purdue.edu  
Campus Address: CIVL 1147  
Course Number: CE 598  
Course Title: Graduate Professional Internship

**A. Justification for the Course**

Explain how this course relates to other courses offered in the department or other departments and how this course fulfills a recognized need.

CE 397 is the Undergraduate Professional Internship. A version of the course is needed for graduate students who choose to participate in an internship

This course is intended primarily for students

Choose One  
from within this department

**B. Level of the course:**

Justify request for graduate course level by indicating anticipated enrollments of undergraduate and graduate students.

Anticipated Undergraduate Student Enrollment: Choose One:  
None

Anticipated Graduate Student Enrollment: Choose One:  
10-25%

**C. Prerequisites:** (If none, please explain reasons for absence)

Graduate standing or one academic year in Civil Engineering and consent of instructor.

**D. Course Instructor:**

Instructor's Name: Darcy Bullock

**E1. Course Outline:**

(An outline of topics to be covered and an indication of the relative emphasis or time devoted to each topic is necessary. If laboratory or field experience is involved, the nature of this component should be explained as well). This intern experience is intended to complement the students academic coursework and help prepare the student for a career as a practicing engineer. Program is coordinated by school with cooperating employers.

**E2. Method of Evaluation or Assessment:**

A written report is required

**F. Reading List:**

A reading list or bibliography should be limited to material the students will be required to read in order to successfully complete the course. It should not be a compilation of general reference material.

None required





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**REASON:** This is to encourage students to obtain meaningful work experience to complement their academic work.

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M. Katherine Banks  
Professor and Head  
School of Civil Engineering



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3. Appendix
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### Grading

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### Submission

The report should be submitted for evaluation at the beginning of the final exam period for the term of the internship.



**PURDUE**  
UNIVERSITY

SCHOOL OF CIVIL ENGINEERING

**Becky D. Hull**  
*Undergraduate Program Administrator*

Civil Engineering Building  
550 Stadium Mall Drive  
West Lafayette, IN 47907-2051

(765) 496-2379 Fax: (765) 494-0395  
bhull@purdue.edu  
<http://enr.purdue.edu/ce/>

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From: The Faculty of the School of Civil Engineering  
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Professor and Head  
School of Civil Engineering

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OF THE SCHOOLS OF ENGINEERING  
BY THE COMMITTEE ON  
FACULTY RELATIONS

CFR Minutes 17

Date 3/8/07

Chairman CFR Michael J. Jankowski

COPY





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### Submission

The report should be submitted for evaluation at the beginning of the final exam period for the term of the internship.



PURDUE UNIVERSITY  
REQUEST FOR ADDITION, EXPIRATION,  
OR REVISION OF A GRADUATE COURSE  
(500-600 LEVEL)

DEPARTMENT Civil Engineering EFFECTIVE SESSION Fall 2007

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

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> 1. New course with supporting documents (complete proposal form) | <input type="checkbox"/> 7. Change in course attributes              |
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<b>PROPOSED:</b>	<b>EXISTING:</b>
Subject Abbreviation <u>CE</u>	Subject Abbreviation _____
Course Number <u>598</u>	Course Number _____
Long Title <u>Graduate Professional Internship</u>	_____
Short Title <u>Gr Professional Intern</u>	_____

Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)

**TERMS OFFERED**  
Check All That Apply:

Summer  Fall  Spring

**CAMPUS(ES) INVOLVED**

Calumet  N. Central  
 Cont Ed  Tech Statewide  
 Ft. Wayne  W. Lafayette  
 Indianapolis

<b>CREDIT TYPE</b>	<b>COURSE ATTRIBUTES: Check All That Apply</b>
1. Fixed Credit: Cr. Hrs. <u>0</u>	1. Pass/Not Pass Only <input type="checkbox"/>
2. Variable Credit Range:	2. Satisfactory/Unsatisfactory Only <input checked="" type="checkbox"/>
Minimum Cr. Hrs _____	3. Repeatable <input checked="" type="checkbox"/>
(Check One) To <input type="checkbox"/> Or <input type="checkbox"/>	Maximum Repeatable Credit: <u>0</u>
Maximum Cr. Hrs _____	4. Credit by Examination <input type="checkbox"/>
3. Equivalent Credit: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	5. Designator Required <input type="checkbox"/>
4. Thesis Credit: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	6. Special Fees <input checked="" type="checkbox"/>
	7. Registration Approval Type
	Department <input checked="" type="checkbox"/> Instructor <input checked="" type="checkbox"/>
	8. Variable Title <input type="checkbox"/>
	9. Remedial <input type="checkbox"/>
	10. Honors <input type="checkbox"/>
	11. Full Time Privilege <input checked="" type="checkbox"/>
	12. Off Campus Experience <input checked="" type="checkbox"/>

Instructional Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated	Delivery Method (Asyn. Or Syn.)	Delivery Medium (Audio, Internet, Live, Text-Based, Video)	Cross-Listed Courses
Lecture							
Recitation							
Presentation							
Laboratory							
Lab Prep							
Studio							
Distance							
Clinic							
Experiential X			16	(12 summer)			
Research							
Ind. Study							
Pract/Observ							

**COURSE DESCRIPTION (INCLUDE REQUISITES):**  
 Sem. 1, 2, and SS., cr. 0  
 Prerequisite: Graduate standing or one academic year in Civil Engineering and consent of instructor

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West Lafayette Department Head _____ Date _____	West Lafayette College/School Dean _____ Date _____	Graduate Council Secretary _____ Date _____
Graduate Area Committee Convener _____ Date _____	Graduate Dean _____ Date _____	West Lafayette Registrar _____ Date _____



TO: Purdue University Graduate Council  
From: Faculty Member: Darcy Bullock  
From: Department: Civil Engineering  
Campus: West Lafayette  
Date: 5/15/2007

For Reviewer's comments only
Reviewer: <u>Select One</u>
Comments:

Subject: Proposal for New Graduate Course –Documents Supporting Registrar's Form 40

Contact information if questions arise      Name: Becky Hull  
Phone Number: 62379  
E-mail: bhull@purdue.edu  
Campus Address: CIVL 1147  
Course Number: CE 598  
Course Title: Graduate Professional Internship

**A. Justification for the Course**

Explain how this course relates to other courses offered in the department or other departments and how this course fulfills a recognized need.

CE 397 is the Undergraduate Professional Internship. A version of the course is needed for graduate students who choose to participate in an internship

This course is intended primarily for students Choose One  
from within this department

**B. Level of the course:**

Justify request for graduate course level by indicating anticipated enrollments of undergraduate and graduate students.

Anticipated Undergraduate Student Enrollment: Choose One:  
None

Anticipated Graduate Student Enrollment: Choose One:  
10-25%

**C. Prerequisites:** (If none, please explain reasons for absence)

Graduate standing or one academic year in Civil Engineering and consent of instructor.

**D. Course Instructor:**

Instructor's Name: Darcy Bullock

**E1. Course Outline:**

(An outline of topics to be covered and an indication of the relative emphasis or time devoted to each topic is necessary. If laboratory or field experience is involved, the nature of this component should be explained as well). This intern experience is intended to complement the students academic coursework and help prepare the student for a career as a practicing engineer. Program is coordinated by school with cooperating employers.

**E2. Method of Evaluation or Assessment:**

A written report is required

**F. Reading List:**

A reading list or bibliography should be limited to material the students will be required to read in order to successfully complete the course. It should not be a compilation of general reference material.

None required



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## Supporting Documentation for CE 598

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3. Appendix
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### Grading

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### Submission

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