ENGR 69699
Graduate Council Doc. No. 13-29e
EFD 48-13

PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF A GRADUATE COURSE
(50000-60000 LEVEL)

DEPARTMENT	Office of Professional Practice	EFFECTIVE SESSION	201330 201430

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

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

PROPOSED:

Subject Abbreviation: ENGR

Course Number: 69699

Long Title: Professional Practice Graduate Internship

Short Title: Pro Prac Grad Intern
Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY)

EXISTING:

Subject Abbreviation:

Course Number:

TERMS OFFERED
Check All That Apply:
☒ Fall ☒ Spring ☒ Summer

CAMPUS(ES) INVOLVED
☐ Calumet ☐ N. Central
☐ Cont Ed ☐ Tech Statewide
☐ Ft. Wayne ☒ W. Lafayette
☐ 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 ☐

1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only ☒
3. Repeatable ☒
   Maximum Repeatable Credit: 3
4. Credit by Examination
5. Special Fees ☒

COURSE ATTRIBUTES: Check All That Apply

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				
Pract/Observ				

Cross-Listed Courses

RECEIVED
JAN 2 7 2014
OFFICE OF THE REGISTRAR

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):
Graduate internship experience. Program coordinated by the Office of Professional Practie with cooperation from academic disciplines and participating employers. Students submit technical report and company evaluation.

Professor Groll.

Calumet Department Head	Date	Calumet School Dean	Date	Calumet Undergrad Curriculm 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 School Dean	Date	APPROVED 1/16/14 Date Approved by Graduate Council	
[signature] E.C. 10/09/17 West Lafayette Department Head	Date	*[signature]* 10/28/13 West Lafayette College/School Dean	Date	*[signature]* Tina L. 1/21/14 Graduate Council Secretary	Date
[signature] 1/16/14 Graduate Area Committee Convener	Date	Graduate Dean	Date	*[signature]* Sandra Schaffer 2/5/14 West Lafayette Registrar	Date

TO: Faculty of the College of Engineering
FROM: The Professional Practice Advisory Council (PPAC)
SUBJECT: New Graduate Course, PPE 69699 Professional Practice Graduate
                     Internship

The Professional Practice Advisory Council has approved the new course listed below. .
This action is now submitted to the Engineering Faculty with a recommendation for
approval.

PPE 69699 Professional Practice Graduate Internship
Sem. 1, 2 or SS, cr. 0.
Restrictions: Graduate Professional Practice students only
Prerequisite: NONE

Graduate professional internship experience. Program coordinated by the Office of
Professional Practice with cooperation from disciplines and participating employers.
Students submit technical report and company evaluation.

Course Description:
Graduate cooperative education experience. Program coordinated by the Office of
Professional Practice with cooperation from academic disciplines and participating
employers. Students submit technical report and company evaluation.

REASON: To establish appropriate courses for recently established Masters-level
Internship Program.

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

APPROVED FOR THE FACULTY
OF THE SCHOOLS OF ENGINEERING
BY THE ENGINEERING
CURRICULUM COMMITTEE

ECC Minutes ___#13___

Date __5|10|2013__

Chairman ECC _____

To: Purdue University Graduate Council

From:

Faculty Member:	Eckhard Groll
Department:	Office of Professional Practice
Campus:	West Lafayette

Date: February 27, 2013

Subject: Proposal for New Graduate Course-Documentation Required by the Graduate Council to Accompany Registrar's Form 40G

For Reviewer's comments only (Select One)

[dropdown]

Reviewer:

Comments:

Contact for information if questions arise:

Name:	Tina Alsup
Phone Number:	67376
E-mail:	alsup@purdue.edu
Campus Address:	POTR 118

Course Subject Abbreviation and Number: PPE 69699

Course Title: Professional Practice Graduate Co-Op IV

A.   Justification for the Course:

- Provide a complete and detailed explanation of the need for the course (e. g., in the preparation of students, in providing new knowledge/training in one or more topics, in meeting degree requirements, etc.), how the course contributes to existing majors and/or concentrations, and how the course relates to other graduate courses offered by the department, other departments, or interdisciplinary programs.

- Justify the level of the proposed graduate course (500- or 600-level) including statements on, but not limited to: (1) the target audience, including the anticipated number of undergraduate and graduate students who will enroll in the course; and (2) the rigor of the course.

B.   Learning Outcomes and Method of Evaluation or Assessment:

- Describe the course objectives and student learning outcomes that address the objectives (i.e., knowledge, communication, critical thinking, ethical research, etc.).

- Describe the methods of evaluation or assessment of student learning outcomes. (Include evidence for both direct and indirect methods.)

- Grading criteria (select from dropdown box); include a statement describing the criteria that will be used to assess students and how the final grade will be determined.

Criteria | Papers and Projects

- Identify the method(s) of instruction (select from dropdown box) and describe how the methods promote the likely success of the desired student learning outcomes.

Method of Instruction Experiential ○

C.   Prerequisite(s):

- List prerequisite courses by subject abbreviation, number, and title.

- List other prerequisites and/or experiences/background required. If no prerequisites are indicated, provide an explanation for their absence.

D.   Course Instructor(s):

- Provide the name, rank, and department/program affiliation of the instructor(s).

- Is the instructor currently a member of the Graduate Faculty?   __ Yes   __ No
(If the answer is no, indicate when it is expected that a request will be submitted.)

E.   Course Outline:

- Provide an outline of topics to be covered and indicate the relative amount of time or emphasis devoted to each topic. If laboratory of field experiences are used to supplement a lecture course, explain the value of the experience(s) to enhance the quality of the course and student learning. For special topics courses, include a sample outline of a course that would be offered under the proposed course.

F.   Reading List (including course text):

- A primary 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.

- A secondary reading list or bibliography should include material students may use as background information.

G.   Library Resources

- Describe the library resources that are currently available or the resources needed to support this proposed course.

H.   **Example of a Course Syllabus**   (While not a necessary component of this supporting document, an example of a course syllabus is available, for information, by clicking on the link below, which goes to the *Graduate School's Policies and Procedures Manual for Administering Graduate Student Programs.* See Appendix K.)
http://www.gradschool.purdue.edu/downloads/Graduate_School_Policies_and_Procedures_Manual.pdf

A. Justification for the Course:

- There is currently a need for a MS-level internship course for those students who would like to enrich their education through professional experiences. By introducing such a course, the College of Engineering at Purdue University will be able to position itself as a unique and forward thinking entity in the recruitment of graduate students. The MS-level internship will provide a very important and highly desired option to superior students who are oriented towards developing stronger technical skills and a broader industrial knowledge base than they would develop through exposure to the traditional MS curriculum alone. This will prepare graduates, who are interested in pursuing either technical and/or research careers in industry.

  All students will have to meet the regular course requirements of the MS degrees in their chosen disciplines. The course is geared towards those students who demonstrate the commitment, and the academic ability, to be successful in their academic programs. Therefore, only highly motivated and qualified students will be counseled to enter the MS-level internship course.

  As with the other current Professional Practice Programs, students will enroll in a 0-credit hour experiential course during the internship with full time privileges. The approved professional practice fee will apply. A repeatable course will be created for this purpose.

  The internship course will be created as a 60000-level course with only MS students enrolling. Only highly motivated and qualified students will be counseled to enter the MS-level internship course.

B. Learning Outcomes and Method of Evaluation or Assessment:

- The director of the Office of Professional Practice will serve as the facilitating body to 1) moderate the academic progress of students and to (2) assess course outcomes via:
  - Student evaluation of the internship
  - Supervisor evaluation of student
  - Work session technical report

- The course will be graded as Satisfactory/Unsatisfactory progress.

C. Prerequisite(s):

- Students will be required to maintain a minimum GPA of 3.0 to participate in the MS-level internship course. Only students in disciplines that offer MS programs are able to participate.

D. Course Instructor:

- Dr. Eckhard Groll
  Professor of Mechanical Engineering
  Director of Office of Professional Practice

- Dr. Groll is currently a member of the Graduate Faculty

E. Course Outline:

- Course work will consist of work-integrated learning that is directly related to the student's research/development experiences. Each student will be required to submit:
  - Student evaluation of the internship
  - Supervisor evaluation of student
  - Work session technical report

F. Reading List:

- There are no required readings for this course.

G. Library Resources

- No library resources are required to support this proposed course.