# New Graduate Course Proposal

## Contact Person
- **Glenn Lipscomb**

## Email
- glenn.lipscomb@utoledo.edu

## College
- Engineering

## Dept/Academic Unit
- CHEE

## Alpha/Numeric Code (Subject area - number)
- CHEE 6970

## Proposed title
- Graduate Industrial Internship

## Proposed Effective Term
- 2014 20 (Spring)

## Is the course cross-listed with another academic unit?
- No

## Approval of other Academic unit (Signature and title)

## Is the course offered at more than one level?
- No

## If yes, an undergraduate course proposal form must also be submitted. If the undergraduate course is new, complete the New Undergraduate Course Proposal; if the undergraduate course is existing, submit an Undergraduate Course Modification Proposal.

## Credit hours:
- Fixed: __________ or Variable: 1 to 6

## Delivery mode:

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<td>Minimum Credit Hours</td>
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<td>Maximum Credit Hours</td>
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<tr>
<td>Weekly Contact Hours</td>
<td>_____</td>
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## Terms Offered
- Fall  ✔  Spring  ✔  Summer  ✔

## May the courses be repeated for credit?
- Yes

## Are students permitted to register for more than one section during a term?
- No

## Years offered
- Every Year

## Maximum hours:
- 6

## Grading system:
- Credit/No Credit

## Prerequisites (must be taken before): e.g., C or higher in BIOE 4500 or BIOE 5500 and C or higher in MATH 4200, etc.

- Admission to Masters Program in Chemical Engineering

## Date Added:
- 12-31-2013

## Graduate Council Approved:
- 2-18-2014

## To Provost:
- 2-19-2014
Permission: Permission from Department

Co-requisites (must be taken together):

Catalog Description (75 Words Maximum)

Academic advisor approved industrial or non-profit internship to provide an experiential learning component to the PSM track in the Masters degree program.

Attach a syllabus and an electronic copy of a complete outline of the major topics covered. Click here for the template.

### Course Approval

<table>
<thead>
<tr>
<th>Role</th>
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<td>College Curriculum Authority or Chair</td>
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<td>Graduate Council</td>
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### For Administrative Use Only

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CHEE 6970 Graduate Industrial Internship  
Department of Chemical and Environmental Engineering  
University of Toledo  

Credit Hours: 1-6 (variable)  
Contact Hours: variable  
Term Offered: Spring, Summer, Fall  
Grading: Credit/No Credit  
Prerequisites: Admission to Masters Program in Chemical Engineering  

Course description  
Students will participate in an internship at an industry, governmental organization, or non-governmental organization in an area relevant to green chemistry and engineering. The internship will culminate in submission of a written report documenting the duration of the internship, hours worked, nature of the work, and products of the work. The course is intended primarily for students in the Professional Science Masters track. The Professional Science Masters program director must provide prior approval for all internships.  

Catalog entry  
Academic advisor approved industrial or non-profit internship to provide an experiential learning component to the PSM track in the Masters degree program.  

Texts  
No texts required. Students will work on various problems of interest to the organization for which they work.  

Grading policy or criteria  
The student’s advisor will consult with the sponsoring organization to determine if credit should be given for the student’s work based on student participation. Students are expected to work as required by sponsoring organization unless absence is approved due to illness or other mitigating circumstance. Final grade is subject to submission and approval of written report.  

Tentative class schedule  
Students will work according to the requirements of the sponsoring organization.