Cover Sheet: Request 15175

ECH 4948 0-3 credit

Info

Process	Course|Modify|Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Cynthia Sain csain@che.ufl.edu
Created	7/13/2020 2:49:34 PM
Updated	9/15/2020 4:11:03 PM
Description of request	Practical internship work experience under approved industrial supervision, as set forth in college regulations. 0-3 credits, repeatable, maximum 3 credits, (S-U).

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	ENG - Chemical Engineering 011903000	Carlos Rinaldi		7/13/2020
No document changes					
College	Conditionall Approved	ENG - College of Engineering	Heidi Dublin	Conditionally Approved by Curriculum Committee (9/4)--Update evaluation Link and send back. Please note in comments that this has been taken care of.	9/6/2020
ECH4948Syllabus_updated_Sept3_2020.docx					9/4/2020
Department	Approved	ENG - Chemical Engineering 011903000	Carlos Rinaldi		9/7/2020
No document changes					
College	Approved	ENG - College of Engineering	Heidi Dublin		9/15/2020
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			9/15/2020
No document changes					
Statewide Course Numbering System					
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

Course|Modify for request 15175

Info

Request: ECH 4948 0-3 credit
Description of request: Practical internship work experience under approved industrial supervision, as set forth in college regulations. 0-3 credits, repeatable, maximum 3 credits, (S-U).
Submitter: Cynthia Sain csain@che.ufl.edu
Created: 9/4/2020 4:45:55 PM
Form version: 5

Responses

Current Prefix ECH
Course Level 4
Number 948
Lab Code None
Course Title Internship Work Experience
Effective Term Earliest Available
Effective Year Earliest Available
Requested Action Other (selecting this option opens additional form fields below)
Change Course Prefix? No

Change Course Level? No

Change Course Number? No

Change Lab Code? No

Change Course Title? No

Change Transcript Title? No

Change Credit Hours? Yes
Current Credit Hours 1
Proposed Credit Hours Variable
Change Variable Credit? Yes
Current Min and Max Credits 1 - 1
Proposed Min and Max Credits 0 - 3
Change S/U Only? No

Change Contact Type? No

Change Rotating Topic Designation? No

Change Repeatable Credit? No

Change Course Description? No

Change Prerequisites? No

Change Co-requisites? No

Rationale The rationale for changing the credits from 1 to 0-3 is that the faculty decided that awarding only 1-credit for a whole semester's full-time experiential education was not sufficient. Furthermore, several other UF engineering departments award 3 credits for a semester of industry experiential education. The 0 credit option is desired to allow students who have maxed out the 3 credits that count towards the degree, to document further experiential education. It also helps the department monitor the students' experiential training.

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Internship Work Experience in Chemical Engineering

ECH 4948

Class Periods: N/A
Location: N/A
Academic Term: Fall 2020

Instructor:
Spyros A Svoronos
svoronos@ufl.edu
O: (352) 392-9101 H: (352) 378-1342
Office Hours: Email for appointment, 264 Chemical Engineering Student Center

Course Description
Practical internship work experience under approved industrial supervision, as set forth in college regulations.

Credit Hours
0-3 credits, repeatable (S-U). However, a maximum of 3 credits from ECH4948 and ECH 4949 can count towards the Chemical Engineering degree. For example, a student who has earned 1 credit of ECH 4949, can only have 2 credits of ECH 4948 count towards the degree.

Course Pre-Requisites / Co-Requisites
None

Course Objectives
Part-time or full-time engineering work experience to allow students to gain practical engineering skills and to provide them with the opportunity to receive chemical engineering technical elective credit toward their degree.

Materials and Supply Fees
None

Professional Component (ABET):
N/A

Relation to Program Outcomes (ABET):

Outcome	**Coverage***
1. An ability to identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics.	
2. An ability to apply both analysis and synthesis in the engineering design process, resulting in designs that meet desired needs.	

3. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	
4. An ability to communicate effectively with a range of audiences	
5. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	
6. An ability to recognize the ongoing need for additional knowledge and locate, evaluate, integrate, and apply this knowledge appropriately.	
7. An ability to function effectively on teams that establish goals, plan tasks, meet deadlines, and analyze risk and uncertainty	

*Coverage is given as high, medium, or low. An empty box indicates that this outcome is not covered or assessed in the course.

Required Textbooks and Software
None

Recommended Materials
None

Attendance Policy, Class Expectations, and Make-Up Policy
Excused absences are consistent with university policies in the undergraduate catalog (https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx) and require appropriate documentation.

The student will maintain appropriate working hours as determined by her/his supervisor and maintain contact with the Chem E Department Undergraduate Coordinator or the Chem E Academic Advisor.

The student chooses how many credits to register for, from a minimum of 0 to a maximum determined by the total work hours. The maximum is 1 credit for 140 hours of work (e.g., 40 hours per week for 3.5 weeks), 2 credits for 280 of work (e.g., 40 hours per week for 7 weeks), and 3 credits for 420 hours of work (e.g., 40 hours per week for 10.5 weeks). These credits count as Chemical Engineering technical elective credits. However, a maximum of 3 credits from ECH4948 and ECH 4949 can count towards the Chemical Engineering degree. For example, a student who has earned 2 credits of ECH 4949, can only have 1 credits of ECH 4948 count towards the degree.

Evaluation of Grade
The grade for this co-op experience (S or U) will be determined by the Chem E Department Undergraduate Coordinator. In order to receive a grade of Satisfactory (S), a 1-2 page report written by the student must be submitted to the Chem E Academic Advisor before the end of the semester. To earn a satisfactory grade, the work

performed must have provided engineering technical experience and the report must be well written and organized.

More information on UF grading policy may be found at:
https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

ADDITIONAL INFORMATION

Students Requiring Accommodations
Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, https://www.dso.ufl.edu/drc) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Course Evaluation
Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at https://evaluations.ufl.edu/evals/Default.aspx. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results/.

University Honesty Policy
UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Commitment to a safe and inclusive learning environment
The Herbert Wertheim College of Engineering values broad diversity within our community and is committed to individual and group empowerment, inclusion, and the elimination of discrimination.
It is expected that every person in this class will treat one another with dignity and respect regardless of gender, sexuality, disability, age, socioeconomic status, ethnicity, race, and culture.
If you feel like your performance in class is being impacted by discrimination or harassment of any kind please contact your instructor or any of the following:

- Your academic advisor or Graduate Program Coordinator
- Robin Bielling, Director of Human Resources, 352-392-0903, rbielling@eng.ufl.edu
- Curtis Taylor, Associate Dean of Student Affairs, 352-392-2177, taylor@eng.ufl.edu
- Toshikazu Nishida, Associate Dean of Academic Affairs, 352-392-0943, nishida@ufl.edu

Sexual Discrimination, Harassment, Assault, or Violence
If you or a friend has been subjected to sexual discrimination, sexual harassment, sexual assault, or violence contact the **Office of Title IX Compliance**, located at Yon Hall Room 427, 1908 Stadium Road, (352) 273-1094, title-ix@ufl.edu

Campus Resources:

Health and Wellness

U Matter, We Care:
If you or a friend is in distress, please contact umatter@ufl.edu or 352 392-1575 so that a team member can reach out to the student.

Counseling and Wellness Center: http://www.counseling.ufl.edu/cwc, and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS)
Student Health Care Center, 392-1161.

University Police Department at 392-1111 (or 9-1-1 for emergencies), or http://www.police.ufl.edu/.

Academic Resources

E-learning technical suppor*t*, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu. https://lss.at.ufl.edu/help.shtml.

Career Resource Center, Reitz Union, 392-1601. Career assistance and counseling. https://www.crc.ufl.edu/.

Library Support, http://cms.uflib.ufl.edu/ask. Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring. https://teachingcenter.ufl.edu/.

Writing Studio, 302 Tigert Hall*,* 846-1138. Help brainstorming, formatting, and writing papers. https://writing.ufl.edu/writing-studio/.

Student Complaints Campus*:* https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf.