## Proposal for CONE 4900 Independent Study\*

Please work with the faculty member supervising your independent study to prepare the proposal below. Provide sufficient detail so that the CONE Curriculum Committee can evaluate the relevance as an engineering topics elective and determine if the planned effort justifies the number of proposed credits. This proposal must be submitted to the CCEE Advising Center before you enroll in CONE 4900. **Priority Review Deadlines:** For Fall Semester – April 1; For Spring Semester – November 1

Student	Inform	ation.
Student	IIIIOFIII	auon:

Name: ID Number: Classification: FR SO JR SR Email: Adviser:

## **Preliminary Information:**

Faculty supervisor:

Semester of the independent study:

Requested number of credits:

One (1) credit corresponds to about 48 hours of work (or 3-4 hours per week) in a semester. *Total credits requested here should match total hours of work in Question 4.* 

Will you work in a laboratory? (mark one) Y N
Have you completed the necessary safety training? (mark one) Y N NA

## **Description of Activities:**

- 1. **Justification**: Briefly state the topic of the independent study and explain your motivation for proposing it. Example: In my future career I will be working with a contractor that helps develop Transportation Management Plans (TMPs). Although there are courses in transportation engineering, there is not a class that provides insights about contractors' and consultants' roles in developing TMPs. By completing this independent study, I will gain knowledge about TMPs and the roles of the various parties in their development.
- 2. **Prior experience**: Explain any prior study or experience that has prepared you for the independent study you are proposing.

Example: I have learned about project management principles through my CONE classes and have taken CE 3550 on principles of transportation engineering. I also have had an internship with a contractor within their transportation group. These experiences can be utilized by this independent study opportunity to provide valuable experience for my professional career.

3. **Learning outcomes**: List the learning outcomes for the proposed independent study. In other words, explain what you will be able to do after the study is complete. Use words such as explain, compute, derive, design, and evaluate. Avoid terms that are difficult to quantify, such as understand, learn and know. Try to include terms from higher levels of <u>Bloom's revised taxonomy</u>.

Example: 1) Develop survey/interview questions in regards to TMPs, 2) Interview contractors and summarize findings, 3) Capture common, or unique practices among contractors, 4) Analyze and determine best practices for TMPs, 5)Incorporate findings into a draft conference paper to be presented at the Transportation Research Board.

A	ctivity/Task	Hours
5.	your faculty supervisor during the tenthe project's deliverables—a written produced by the end of the semester.	report, presentation, draft of a journal article, etc,to be The deliverable must document your achievement of the
		nic copy of the final report/deliverable should also be sent du) for the CONE Curriculum Committee.
	progress report via email that will outline wh	or weekly throughout the semester. Before each meeting, I will provide a at I have accomplished during the previous week and what my goals are ady is a draft conference paper that highlights my findings, and will be ard annual conference.
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Contract Revised 8/8/24