Engineering Sciences 91r Project Application Form

INSTRUCTIONS: Fill in all of the information in the Student section of this form and attach a detailed project description to your application (minimum 250 words). Then, have your project adviser fill in and sign the Faculty Instructor section of the form. If you are intending to use this course for concentration credit, obtain the signature of an Assistant Director or Director of Undergraduate Studies in your area of engineering. File the form with the Office of Academic Programs, Pierce Hall 110, by the Study Card Deadline of the semester you are registering for. Please print legibly.

SEMESTER (circle one): FALL SPRING YEAR: 20_____

STUDENT’S NAME: ____________________________________________

STUDENT’S EMAIL: __________________________ PHONE: __________

CONCENTRATION/AREA OF ENGINEERING DEPTH: ____________________________

INSTRUCTOR’S NAME: ____________________________________________

INSTRUCTOR’S EMAIL: __________________________ PHONE: __________

Additional information to be completed by the Student:

1. Attach a project proposal. On a separate sheet, attach a detailed description (minimum 250 words) of the nature of the project for this course. To be eligible for engineering concentration credit, an ES91r project must possess engineering content at a level similar to other technical engineering courses at SEAS and include many, but not necessarily all, of the following elements: modeling, simulation, design, measurement, and data analysis. Additionally, you must provide the summative written deliverable described in #2 below. This project proposal will be used to determine if the proposed scope of work is appropriate for concentration credit. Please note: Significant deviation from the project elements listed above may result in forfeiture of concentration credit.

2. Summative written deliverable. As part of this course, you must submit a summative written work appropriate to the project to the Office of Academic Programs by the last day of Reading Period. Briefly describe, within your project proposal, the written deliverable you will submit for the course (e.g., a 10-page report, a slide deck for a 30-minute presentation, a draft of a journal article, a conference poster, etc…). This report will be used to determine if the scope of work that was proposed is similar to the scope of work performed. Additionally, this information will be used after the experience is completed to confirm that the scope of work performed warrants engineering concentration credit.

3. Specify any additional required facilities/resources. If you will require additional facilities/resources that will be provided by anyone other than the Faculty Instructor, state the nature of the resource and obtain the consent of the person providing it in the space below or on an attached sheet. For example, if you are planning on using resources in the SEAS Teaching Labs, you must discuss this with the Executive Director of Active Learning, Anas Chalah, and get his signature.

STUDENT’S SIGNATURE: __________________________ DATE: ________________

(continued on next page)
This section to be completed by the Faculty Instructor:

Your signature below certifies that you agree to advise the student on the described project and you will provide a grade for the course, consistent with the attached project proposal and summative written deliverable described on page 1, to the Office of Academic Programs by the required deadline.

Your signature also certifies that you understand that the student is seeking concentration credit for the scope of work detailed in the attached proposal. To be eligible for engineering concentration credit, an ES91r project must possess engineering content at a level similar to other technical engineering courses at SEAS and include many, but not necessarily all, of the following elements: modeling, simulation, design, measurement, and data analysis. Additionally, the student must provide a summative written deliverable (described in #2 above). Please note: Significant deviation from the project elements listed above may result in forfeiture of concentration credit. Please contact an Assistant Director or Director of Undergraduate Studies with any questions on this requirement.

INSTRUCTOR’S SIGNATURE: ____________________________ DATE: __________

Comments from faculty instructor (optional):

Please list specific people who will provide any additional required technical expertise for this project (optional):

This section to be completed by the ADUS or DUS

Certification of Engineering Content for an ABET-accredited degree program (circle one):
The scope of work described in the project proposal for this course does / does not meet the ABET definition of an engineering topic, and will include an appropriate level of study in engineering sciences and/or engineering design to count as an engineering course for the concentration.

ADUS/DUS’ SIGNATURE: ____________________________ DATE: __________

This section to be completed by the ADUS or DUS (upon submission of the summative report)

In order to count for concentration credit, the scope of work described in the summative report must meet the ABET definition of an engineering topic and include an appropriate level of study in engineering sciences and/or engineering design. Based on the scope of completed work described in the summative report, this course will / will not count as an engineering course for the concentration.

ADUS/DUS’ SIGNATURE: ____________________________ DATE: __________