

## NE 459 Project Approval Form

**Nanotechnology Engineering Program**

University of Waterloo

Waterloo, Ontario, Canada N2L 3G1

**Instructions**

1. Fill in the appropriate details and sign the form.
2. Have your supervisor read and sign the form.
3. Submit the form to the Course Co-ordinator by email:  
Prof. Youngki Yoon (youngki.yoon@uwaterloo.ca)

**Student**

UW Student ID Number	Surname	Given Name(s)
2   0   8   3   3   1   7   4	Zou	Yunheng
Project Working Title Developing a molecular dynamic simulation agent for Lammmps/OpenMM that can copilot and conduct simulations for nano systems		Term  W2024

**Supervisor**

Name	Department	Extension
Pierre-Nicholas Roy	Chemistry	


**Requirements**

In this elective, students apply engineering principles to a topic of their choice. In doing so, they are expected to demonstrate the initiative and ability to define a problem, design and implement a solution, and draw conclusions. Students enrolled in NE 459 propose a project topic and arrange for a faculty member to act as their project supervisor. At least half of the course activities must be related to engineering design. Students will submit a final written report on their work at the end of the term.

The final report must be submitted to both the project supervisor and a co-reader by the last day of lectures for grading. The co-reader should be a faculty member in a related research area and will be chosen by the supervisor and the student. At least one of the supervisor and co-reader must be a professional engineer (PEng). A softcopy of the final report must be sent to the course co-ordinator.

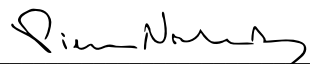
The length of the report should be approximately 5000 words or 25 pages. The report must contain at least the following: (a) dated title page (b) summary of the report (c) table of contents (d) statement of contributions, which clearly states your and other people's contribution to the work (e) the body of the report, suitably subdivided into sections (f) conclusions and recommendations and (g) references.

This form should be submitted to the Course Coordinator by the 3rd week of Winter term. By signing, I have read and understood these requirements.

  
\_\_\_\_\_  
Student's Signature


2024/02/08

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Supervisor's Signature

Feb 10, 2024

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
NE 459 Coordinator Signature

Feb. 12, 2024

\_\_\_\_\_  
Date