

Student Name:

Advisor:

Please evaluate student progress on these learning objectives based on the Interim Progress Report

Course Learning Objectives for CEE 478 Senior Thesis	Fair	Good	Excellent
1. Integrate science and engineering principles for analysis and solution of problems in the field of civil and environmental engineering.			
2. Combine in-depth science/engineering analysis with examination of societal issues related to the thesis topic. Gain broad knowledge about the topic of interest, and appreciate its relevance in modern society.			
3. Formulate the thesis research project. Identify the critical research questions, and define the scope and objectives of the project. Design experiments, analysis, or observation plan.			
4. Examine a range of investigative options for approaching the research questions, such as experimentation, field observation, simulation, optimization, economic analysis, or risk assessment. Defend the method chosen for approaching the research.			
5. Know how to use information technology resources to find background information and data pertinent to the thesis topic. As needed, gain the skills to use laboratory techniques and software for data analysis and simulation.			
6. Apply appropriate paths of inference to interpret the theory, findings, and/or data. Use these interpretations to draw conclusions with regard to the project objectives.			
7. Behave as a responsible professional engineer with respect to planning and meeting project deadlines, regularly reviewing progress with advisors, and being responsive to feedback from advisors and peers. Become familiar with the ethical standards of technical writing with respect to giving credit: acknowledging other contributors, acknowledging funding sources, citing references.			
8. Develop writing skills and presentation skills needed to effectively communicate the purpose, scope, and conclusions of the project.			