

Assessment Rubric for Coursework Only Masters Programs in Civil & Environmental Engineering: MCE and MEVE

(To be completed by the student and graduate assessment committee and retained in the student file)

Student: Complete shaded areas only

Student:	Date:
U#:	Email:
Concentration Area: <input type="checkbox"/> Structures & Materials <input type="checkbox"/> Water Resources <input type="checkbox"/> Transportation <input type="checkbox"/> Geotechnical <input type="checkbox"/> Environ.	

To be completed by each committee member after review of the portfolio:

***Rating scale (5 = Excellent, 4= Very Good, 3 = Proficient, 2= Does not meet requirement, 1= Component missing or very poor)**

OUTCOME 1: The department's masters graduates will demonstrate an ability to plan, compose and integrate verbal, written, virtual and graphical communication of a project to technical and non-technical audiences.

Component A: Written Communication Skills	5	4	3	2	1	Provide a brief description of the item submitted:
The student has written a report that demonstrates an ability to plan, compose and integrate written and graphical communication of a project. The graduate assessment committee has rated this student's written communication skills on a scale of 1-5.						

Component B: Oral Communication Skills	5	4	3	2	1	Provide the following:
The student has provided documentation that they have given an oral presentation in a public forum. (e.g. class, graduate seminar, public meeting). The graduate assessment committee has rated this student's presentation, on a scale 1-5.						Title: Date talk was given: Location: Name & email of person who can verify that talk was given if necessary: Attach slides, poster or other documentation.

OUTCOME 2: The department's master's graduates will demonstrate an ability to formulate and solve complex problems in an appropriate sub-discipline of Civil and Environmental Engineering using relevant data and techniques.

Component A: Background	5	4	3	2	1	Provide a brief description of the item submitted:
The review of the background information and related research is drawn from acceptable journals, reports, textbooks, etc. The review presents a clear understanding of the problem and provides a rationale for the project objectives.						
Component B: Methods	5	4	3	2	1	
The project design follows logically from the objectives. The process by which the data was generated, gathered, recorded and analyzed is appropriate and clearly described. For theoretical projects, a sound analysis including model development, calibration and verification is provided.						
Component C: Findings and Conclusions	5	4	3	2	1	
The findings build logically from the problem statement, objectives and methods. All salient data and/or model results are accounted for. The interpretations and conclusions are justified by the results.						

***A score of 2 or 1 on a component will require the student to resubmit that component and may delay graduation.**