

Student Thesis Self-Assessment form**Department of Mechanical and Materials Engineering**

Instructions to complete the form: As part of a successful graduate thesis defence you must demonstrate that your thesis meets or exceeds the expectations concerning your performance and personal development associated with a set of attributes that are listed in the first column of the table below. The second column lists the expectations for each attribute. In the third column you should write one or more bullet points to clearly demonstrate, by providing evidence, how you have met (or exceeded) those expectations.

Student Name: _____

Supervisor(s): _____

Thesis Title: _____

Area	Graduate Thesis Expectation	Thesis self-assessment
Depth and breadth of knowledge	Good understanding of the knowledge base related to the area of research	
	Good understanding of the broader scope of the research problem and how the current research fits into the big picture is demonstrated	
	Good knowledge of one or more specialized techniques (analytical, numerical or experimental) in the area of research	

Area	Graduate Thesis Expectation	Thesis self-assessment
Research & scholarship (general)	Detailed review of the relevant scientific literature	
	Synthesis or recent advancements in the field of research	
	Adaptation of a logical approach to address research objectives (numerical or experimental) in the area of research	
	Presentation of research results in a systemic manner within the context of the given objectives	

Area	Graduate Thesis Expectation	Thesis self-assessment
<p>Research & scholarship (critical thinking)</p>	<p>Questioning of the viewpoints presented in the scientific literature</p>	
	<p>Clear description of the critical issues/problems(s) addressed by the thesis research</p>	
	<p>Logically tying of conclusions to the thesis objectives; adapted approach and related outcomes</p>	

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Area	Graduate Thesis Expectation	Thesis self-assessment
Application of knowledge	Accurate and systematic application of existing knowledge to analyze the research problem	
Professional capacity/autonomy	Demonstration of academic integrity and research ethics	
Communication skills	Thesis form and layout is consistent with the SGPS format	
	Thesis is free from typographical and grammatical errors	

Area	Graduate Thesis Expectation	Thesis self-assessment
Awareness of limits of knowledge	Awareness of the complexity of scientific problems under consideration and limitations of existing tools and techniques to address it is acknowledged and their consequences on the research outcomes are properly discussed	
	Consequences of the assumptions considered in the research work and the uncertainty induced in the results due to the limitation of the research tools are clearly described	

Additional comments:

Student signature: _____

Date: _____