ENSC 405W Grading Rubric for Requirements Specification

Criteria	Details	Marks
Introduction/Background	Introduces basic purpose of the project.	**/05%**
Content	Document explains the requirements of the proposed product without excessive design content (i.e., outlines the "what" rather than the "how").	**/10%**
Technical Correctness	Ideas presented represent requirements specifications that must be considered for a marketed product. Specifications are presented using tables, graphs, and figures where appropriate (rather than over-reliance upon paragaphs).	**/15%**
Process Details	Complete analysis of problem. Justification for chosen requirements. Sources of ideas referenced. Specification distinguishes between requirements for phases of project: alpha phase (including proof-of-concept prototype), beta phase (including engineering prototype), and production phase if appropriate. Comprehensively details constraints. You must include a 1-2 page Acceptance Test Plan for the proof-of-concept prototype of the device/system. **Requirements that will be presented during the 405W demo should be identified.**	**/20%**
Engineering Standards	Outlines specific engineering standards that apply to the device or system and lists them in the references.	**/10%**
Sustainability/Safety	Issues related to sustainability issues and safety of the device are carefully analyzed. This analysis hopefully covers the "cradle-to-cradle" cycle for the product.	**/10%**
Conclusion/References	Summarizes requirements. Includes references for other sources.	**/05%**
Presentation/Organization	Document looks like a professional specification. Ideas follow logically.	**/05%**
Format Issues	Includes letter of transmittal, title page, abstract, table of contents, list of figures and tables, references and possibly glossary. Pages are numbered, figures and tables are introduced, headings are numbered, etc. References and citations are properly formatted.	**/10%**
Correctness/Style	Correct spelling, grammar, and punctuation. Style is clear, concise, and coherent.	**/10%**
CEAB Outcomes: Below Standards, Marginal, Meets, Exceeds	8.2 Responsibilities of an Engineer: 8.5 Integration of Standards: 9.2 Sustainability:	

Version of 12 May 2019 by Craig Scratchley. Updated from Version provided by Steve Whitmore.