2022 Engineering Robotics Competition
Ontario Tech University Engineering Outreach
Engineering Design Report Rubric

Reminder: Report should be about 1000 words of text, not including code, captions, etc. No page limit.

level 4 4 points	level 3 3 points	level 2 2 points	level 1 1 points
Analysis of the challenge			
Report fully analyzes the challenge.	Report describes the challenge and provides limited analysis.	Report describes the challenge to be solved.	Report states the challenge to be solved.
Hardware design			
Report describes all of the objectives of the hardware components of the solution and shows careful consideration of the design parameters relate objectives.	Report describes most of the objectives of the hardware components of the solution and shows significant consideration of the design parameters relate objectives.	Report describes many of the objectives of the hardware components of the solution and shows some consideration of the design parameters relate objectives.	Report states some hardware components of the objectives of the solution.
Software design			
Report describes all of the objectives of the software components of the solution and shows careful consideration of the design parameters relate objectives.	Report describes most of the objectives of the software components of the solution and shows significant consideration of the design parameters relate objectives.	Report describes many of the objectives of the software components of the solution and shows some consideration of the design parameters relate objectives.	Report states some software components of the objectives of the solution.
Hardware and software solution and implementation			
Report describes how the hardware and software solution works, why it was selected, and how it was tested.	Report describes how the hardware and software solution works and why it was selected.	Report describes how the hardware and software solution works.	Report states the hardware and software solution.
Professional presentation			
Report is well organized, clear, concise, well written (with correct Canadian spelling and grammar), and polished.	Report is well organized, mostly clear and concise, has good writing (with correct Canadian spelling and grammar), and has considerable polish.	Report is organized, with some clear and concise sections, is decently written (with correct Canadian spelling and grammar), and has some polish.	Report is disorganized, lacks clarity and concision, is poorly written (with incorrect Canadian spelling and grammar), and has no polish.