

Windsor Engineering Competition 2025 – Judges Needed!!!

The University of Windsor's Engineering Student Society (EngSoc) will be hosting their annual Windsor Engineering Competition on November 15, 2025. The undergrad students will compete for bragging rights and the opportunity to represent the University at the provincial and potentially national competition levels. This competition has a rich history, spanning decades, and serves as a platform for engineering students to demonstrate their skills, creativity, and problem-solving abilities. This fun-filled event puts the engineering students' skills to the test, as they race for time to deliver a promising solution to a real-world practical problem. Open to all undergraduate part- and full-time students across all engineering disciplines, the event challenges students to develop innovative solutions to real-world engineering problems, offering them invaluable practical experience outside the classroom.

The primary objective of WEC is to provide undergraduate engineering students an opportunity to engage deeply with their field of study. By participating, students will enhance their teamwork, technical skills, and professional development. Winning teams advance to the Ontario Engineering Competition (OEC) and potentially the Canadian Engineering Competition (CEC), representing the University of Windsor at higher levels against other universities. These competitions are nothing short of exhilarating, fun, and a great opportunity for our local students to make memories as undergrads. This year, EngSoc will once again be hosting competitions for Junior Design, Senior Design, Programming, and Parliamentary Debate.

What does EngSoc need from the Windsor-Essex Chapter PEO Membership? Judges! Lots of judges!!! If you have some time available, to help inspire these budding young minds while critiquing their, please consider coming out as a volunteer judge for this Saturday morning event. More details are as follows:

Date: Saturday, November 15, 2025

Time: 8:00am to 2:00pm

Location: University of Windsor within the Ed Lumley Centre for Engineering Innovation (2285 Wyandotte St W, Windsor, ON)

Room Number: Main entrance and foyer of the Centre for Engineering Innovation

Judging Categories = See details below

If interesting in judging, please contact Sean McCann, P.Eng. (spmccann13@hotmail.com or 519-890-7377)

Windsor Engineering Competition Categories

	Audience	Objective	Description
Jr. Design	1 st and 2 nd year students	Design and build a functional prototype to solve a technical problem.	This competition challenges junior engineering students to design and build a prototype to address a technical problem. The Junior Team Design category is like the Senior Team Design competition, but emphasis is placed on prototype functionality rather than design theory ¹
Sr. Design	3 rd and 4 th year students	Design a complex and practical prototype.	A team of four (4) students are given a complex engineering problem and are required to design and build a working prototype. The teams will then present their solution and test their prototypes in front of a panel of judges ¹
Programming	All students	Develop a solution to a real-world problem through programming means.	The goal of the programming category is to encourage engineering students to produce a piece of readable software. The teams will use their software development skills, their technical writing abilities, and their project management skills to design a solution to a posed problem. This solution will then be presented to company executives (judging panel) for approval. The winning solution will not necessarily be the most technically correct but the one that has the most real-world application and is most thoroughly thought out ²
Parliamentary Debate	All students	Present reasoned arguments on an undisclosed resolution with an emphasis on argument strength and analytical thinking.	Parliamentary Debate Competitors must use analytical techniques to present, with minimum preparation, a reasoned point of view of a resolution that has not been disclosed beforehand. The goal is to assess the competitors' abilities to convey ideas and develop arguments. The purpose is not to assess competitor knowledge of parliamentary procedure and formal debating rules. Therefore, the rules normally used in debates have been modified and relaxed to enable students with no formal debate experience to take part. The debate will be conducted in a shortened Canadian National Style debate format ³