



Model Wind Turbine Competition

October 29, 2025
RRC Polytech, Notre Dame Campus

WHO IS SKILLS CANADA MANITOBA?

Skills Canada Manitoba is a not-for-profit, charitable organization that works with youth, parents, communities, industry and government to increase awareness of the rewarding careers available in skilled trades and technologies.



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WHAT IS THE MODEL WIND TURBINE COMPETITION?

Given a set of specific materials to work with, Grade 9 and 10 students will use their skill and ingenuity to design and construct a working model wind turbine. The turbine needs to be solidly constructed and be able to generate electrical power.

Every person is welcome. No individual is excluded.

WHAT IS THE COST OF THE CONFERENCE?

Each team is responsible for a \$80.00 team entrance fee which includes:

1—Small DC motor with mounted LED, 4 Poster board, 22" x 28", sheets- 1 Balsa wood, 36" x 1/8" sheet-1 Balsa wood, 36" x 1/16" sheet-1 Particle board base, 12" x 12" x 5/8", piece-1 tube adhesive-1 roll masking tape -3D printed hub which accepts up to 8 blades - 1 Screwdriver -1 retractable utility knife-1 pair scissors-1 geometry set-Pencils -Sandpaper

Note: No other tools or materials will be allowed in the construction of the model wind turbine
Lunch will be provided for each participant and one advisor.

*Please note that this event will be held in the South Gym at RRC Polytech, Notre Dame Campus