

CWSF 2005 - Vancouver, British Columbia



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Object Avoiding & Heat Seeking Robot

Division: Engineering & Computing Sciences

Category: Senior

Region: Niagara

City: St. Catharines, ON

School: Denis Morris, St. Francis S.S.

Abstract: The project involved the integration of several components to produce a stand-alone, heat-seeking and object avoiding robot. The determined objective of the robot was to establish the most convenient path towards a flame, usually a candle or lighter, with the intention of extinguishing it, while avoiding other objects in its path.

Awards	Value
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Honourable Mention - Engineering - Senior Sponsor: Youth Science Foundation Canada	\$100
Bronze Medal - Automotive - Senior Sponsor: AUTO21	\$300
Total	\$1 400