



MIE498H1: Research Thesis 2024-2025

Supervisor	Birsen Donmez
Supervisor email	donmez@mie.utoronto.ca
Number of Positions	1
Open to	Undergraduate Mechanical and Industrial Engineering Students
Term Offered	Fall (F)
Research Area	Human Factors
Research Topic	Truck driving simulator study on hazard anticipation and safety

Project Description

A driving simulator study was conducted to evaluate the effect of a newly developed truck driver hazard anticipation training module. Novice truck drivers skills and behaviour are tested before and after taking the training and compared to a control group that did not receive the training. An eye tracker was used to collect data on driver gaze. The student will assist with data cleaning and analysis for the simulator and gaze data.

Additional Information	N/A
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Application Instructions	Please send an email to donmez@mie.utoronto.ca and CC alia.galal@mail.utoronto.ca to express your interest. Please attach your latest CV and transcript along with the email.
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