
MEEN 432 –Automotive Engineering

Fall 2026

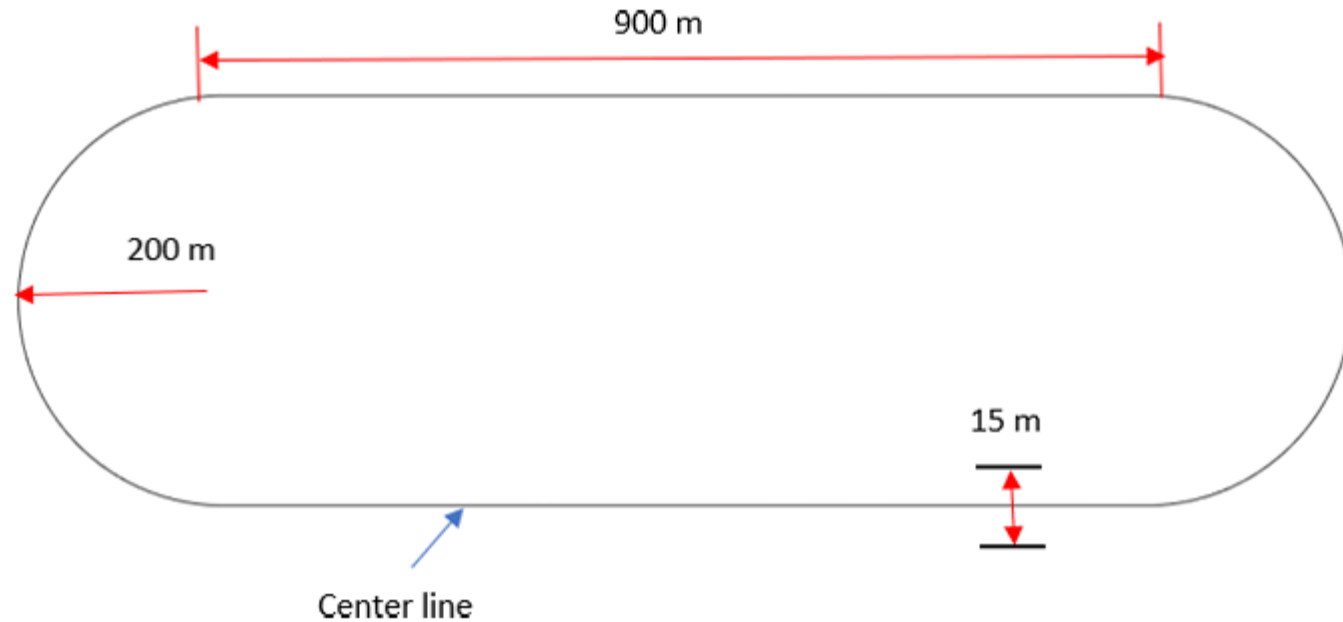
Instructor: Dr. Arnold Muyshondt

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Lecture 5: Project 2 Roll out

- Project 2

Project 2 Roll-out



- You are given a race track as above, and a vehicle with some specific tire characteristics
- You can specify any longitudinal speed that you want, and you can steer the vehicle
- Build a model of the system (vehicle and a “race driver”, along with the track) so you drive as fast around the track as possible without going off-track!

Project 2 – Week 1

- Use a kinematic model
- Develop the required animation to show the vehicle going around the track