

# Project: The Ethics of a Self-Driving Car

NAME:

Create a video that explains and justifies what you believe to be the best choice for programming a self-driving car.

- You may work alone or up to three people in a group.
- Video Options
  - Voiceover on Google Slides
  - Voiceover with a physical slideshow
  - Presenting various models for each scenario
  - Acting out scenarios

Rough Draft - Outline	
• Submitted an outline	/2
• Outline clearly states your viewpoint	/3
• Outline justifies your viewpoint using physics principles and equations	/5
• Outline explains contrasting viewpoints using physics principles and equations	/5
• Outlines presents an alternative idea to the problem using physics principles	/5
Final Project	
• Submitted a video	/5
• Presentation covers all information required in the rough draft outline	/20
• Last part of the video lists the credits	/2
• All students in the group have been credited with some aspect of the video	/3
• Video has good sound and light quality	/5
• Video does not have any performance errors	/5
Total	/60

Questions to guide your project:

- When driving in a sedan, what is the difference between colliding with an SUV versus a motorcycle?
- How does a helmet cushion?
- How does an airbag protect during a collision?
- What is a crumple zone in a car?
- Why is tailgating bad?
- What is in the box?