**The Ethics of AI**

**General Plan (50min Class Periods)**

**Week 1-2 Social Impact**

* **Week 1:** Introduction
* What are ethics? How do you define your own moral code of conduct? How do you view others based on certain criteria?
* What is AI? Think about movies you have seen, books you have read, machines / robots you have interacted with…
* The Three Scenarios (videos)
* **Week 2:**

**Week 3-4 - Perception**

* What is Artificial Intelligence Actually?
* Computer Vision
* How does a computer “see”?
* Ethics of Perception

**Week 5-6 - Representation and Reasoning**

* How many apples will 3 kids get if you have 12?
* Data Representation / Pattern Recognition
* 20 Questions Activity
* Elenor Haberl’s Short Story “Imperfect Match”

**Week 7-8 - Learning**

* Teaching Machine Website
* Levels of Learning - Narrow, General, and Super Intelligence
* Comparisons to Human Learning
* Ethics of Learning - Student Becomes Master? Resentment?

**Week 9-10 - Natural Interaction**

* Isaac Asimov’s Three Laws of Robotics
* Cyborgs / Androids / Robots - Current Uses and the Impact
* AI Car Question / Future Uses of Robotics / Ethics of Robotics