AI Policy & Strategy Lab

Don't just use AI, control it. Learn the skills to lead in a tech-driven future.

Course Name	AI Policy & Strategy Lab
Course Overview	Join the AI Policy and Strategy Lab, designed for future leaders in AI. You will learn about Artificial Intelligence, debate its existential risks, and create real solutions. You will build your research skills, draft and publish a professional paper at the end of the course.
Instructor	**Jesse Yu**, a Junior at Millburn High School passionate about AI ethics and experienced in Machine Learning and Artificial Intelligence with multiple AI/ML papers published (at arXiv and IEEE International Conference on Data Mining). He has been teaching the Arduino for Kids course for over 2 years. **Email:** jesse.gift.yu@gmail.com
Prerequisites	**None.** An interest in learning about Artificial Intelligence is recommended.
Duration	**10 weeks**

Phase 1: Building the Foundation (Weeks 1-5)

Focus: Understanding AI risks.

Wk	Topic	Material	Activities
1	**Capabilities**	*Week 1: Promise & Perils* (Investigation Section)	Debate realistic vs. hype predictions for 5/10 years.
2	**Alignment**	*Week 2: Foundations* (Following the Rules)	Simulation where "AI" finds loopholes in "Human" commands.
3	**Forecasting**	*Week 2: Foundations* (Forecasting & EV)	Calculate Expected Value & bet on live AI predictions.
4	**X-Risk**	*Week 2: Foundations* (Writing Doom)	Scripting "Utopia" vs. "Collapse" scenarios for 2040.
5	**Prioritization**	*Week 5: Reflection* (Prioritisation Matrix)	Select topic on AI safety and identify the stakeholders.

Phase 2: Research and Drafting (Weeks 6-10)

Focus: Writing and publishing a policy brief or a literature review.

Wk	Phase	Activity	Student Deliverable
6	**The Pitch & Evidence**	Present the specific issue (e.g., "Deepfakes in Schools"). Learning how to research with google scholar.	1 paragraph defining the specific harm, multiple sources and background reading.
7	**Outlining & Drafting**	Understanding how to draft professional paper, fill in the template headers & bullets.	Full outline of the paper, begin drafting
8	**Drafting**	Continue drafting the paper.	Continue drafting the paper.
9	**Review**	Partners act as skeptical opponents to attack the policy.	Full rough draft of the paper done, begin revising process.
10	**Publish**	**Press Briefing:** 2-minute "Elevator Pitch" of the policy.	**Final PDF:** Formatted for submission.

- **Publication Venues:** *Curieux Academic Journal, the Medium, Local Newspapers (Op-Eds).*
- **Sample Topics:** Literature review on scaling RLHF; Mandating AI Watermarks; Protocols for deepfake harassment.