

Principles of AI Syllabus
Torah High School 2026-2027
Instructor: Tracey Milani, Ph.D.
Student & Parent Contact: Jupiter Messages

Welcome to Principles of AI! This interdisciplinary course introduces students to the foundational concepts, applications, and ethical considerations of artificial intelligence (AI). Through hands-on/minds-on activities, real-world applications, and project-based learning, students explore the capabilities of AI, its risks and benefits, and responsible use inside and outside the classroom. Students practice prompt engineering and learn to use generative AI and language models to research, learn, and create solutions to relevant problems. Students also learn how AI works, exploring data collection and organization, classifiers, and algorithms in fun and engaging projects.

The curriculum prepares students to critically engage with AI technologies, consider societal impact, and discover meaningful applications of AI in today's workforce.

Required Materials

Students will need a computer for this course for each class (please make sure the device is charged). The computer will be used in class and for homework.

The curriculum will be accessed using mypltw.com and Jupiter. Students will be required to use AI tools in this course (ChatGPT, Gemini, etc.).

Communication

The best way for students and parents to reach me is through Jupiter Messages. I encourage students to be proactive in communicating with me. If you know that you will miss a day, let me know ahead of time. If you have any questions at all, send me a message in Jupiter or ask before or after class.

Parents, please feel free to reach out via Jupiter at any time. My goal is for each student to be successful in this course. I will typically respond to emails within 24 hours on weekdays. It may take me a little longer to respond if I am contacted on Friday or over the weekend.

Grading Scale

All course work will be awarded point values, and the final grade will be based on total points earned. All grades will be posted in Jupiter.

Formative Work

Formative work includes the prompting log, homework, activities, class warm-ups, and quizzes, and is assigned to help students learn concepts in preparation for summative work.

Summative Work

Summative work in this course consists of projects and problems.

Final Grades earned follow the Torah High Grading Scale as outlined in Jupiter.

Attendance and Late Work

Attendance is critical. As this course only meets once per week, missing one class will put students behind quickly. Please understand that students are responsible for all class content, even if they are absent.

Any student will be able to clear absences/truancies by following the Torah High School guidelines.

Whenever a student is absent for any reason it is their responsibility to find out what they missed/how to make up work. In the case of an excused absence:

- If you are absent, coursework is due when you return. To find work missed/what we did in class, you will log into Jupiter.

In the case of truancies/unexcused absences, late work will not be accepted, and the student will earn 0 points on the graded item(s) (formative and/or summative).

General late work: If a student attended class but did not turn in a graded item by the due date/time, late work will be accepted for a period of one week after the due date/time for a reduced point value. Typically, there is a 5% deduction on the earned score per day late up to the 7-day mark, after which no work will be accepted.

Tardiness

Please see the Torah High School policy on attendance.

Academic Honesty

Do your own work. Plagiarism/cheating earns 0 points on the assignment, a phone call home, and a possible conference. **You always need to do your own work and write answers in your own words even if you are working with a partner.** If you turn in an identical assignment as another person, it is cheating. If someone takes your work and copies it, both parties will still be held accountable.

This is a class focuses on using AI as a tool, and you will be using AI throughout the course. The level of use of AI tools in this course will be detailed on each assignment. Failure to adhere to specified guidelines constitutes academic dishonesty.

A note to parents/guardians

Thank you for taking the time to review this syllabus with your student. This should be a fun and engaging course. If you have any questions or concerns at all, please contact me. I look forward to working with you to help your student succeed.

Sincerely,



Tracey Milani, Ph.D.

Principles of AI Instructor