

CS 668 Applied Large Language Models  
Spring Semester, 2026  
Assignment 2  
San Diego State University -- This page last updated on 1/19/26

**Assignment 2**  
Vibe Programming  
Due April 30

In this assignment, you will vibe code a website to help students see the fall class schedule. Vibe program means the LLM writes all the code. The basic requirements are:

- Python back end
- JavaScript, HTML, CSS front-end
- For Graduate Students, show 500-700 level courses
- For upper-division students, show 300-500 level courses
- As it is read-only, no authentication is needed
- Students can select the following majors:
  - Astronomy
  - Biology
  - Chemistry
  - Computer Science (includes CS and CY)
  - Geology
  - Math
  - Physics
  - Psychology

If a student indicates they are a Physics graduate student, display all 500-700-level Physics courses.

Design the front end to display the data in a reasonable manner, that is, in a way that helps students select courses. Develop a set of requirements to prompt the LLM to write the code.

Claude Code and Cursor are the top vibe coding tools. Anthropic will soon release a product that allows users to develop websites. Do not use that tool or tools like Bolt, v0, or Bubble. The goal of the assignment is to gain experience directing LLMs to write code.

#### Course Data

The Fall 2026 schedule is available on the course website, in the assignment section, as a CSV file. Not all the columns in the CSV file are important to the students.

What to turn in.

- A copy of the entire dialog used to get the LLM to write the code
- The final code produced

- Instructions on how to run the code
- Short write-up containing
  - Tools & process used
  - Describe the experience and issues in performing the assignment

Place all the above in a directory. Name the directory your last name followed by your re-  
did. Zip up the directory to turn it in via Canvas.

Grading:

	Points
Front End Design	5
Entire Prompt used	30
Working code	20
Satisfies requirements	20
Write up of process used, tools use, and any issues that you experienced	15
Extra Credit. Also display the classes by time as is done in the CS Schedule by Time pdf	5

### Grading

An assignment turned in 1-7 days late, will lose 10% of the total value of the assignment per day late. Once a solution to an assignment has been posted or discussed in class, the assignment will no longer be accepted. Late penalties are always rounded up to the next integer value.