# Google Prompting Essentials Specialization Course

Unlock AI’s Potential with Effective Prompts. Learn from Google experts how to use AI effectively by writing clear and specific prompts.

**NOTE: 1 Scholarship per person via NSITE is for 1 year. After the year expires you will be required to pay Coursera the $49.99 per month to complete the course.**

**Course Time Commitment:**

4 weeks | Self-Paced

15-minute zoom check-ins weekly

**Requirements:**

* Completion of the **Google AI Essentials Course**

**What you'll learn**

* Practice using 5 steps to write effective prompts
* Apply prompting techniques to help you with every-day work tasks
* Use prompting to speed up data analysis and build presentations
* Design prompts to create AI agents to role-play conversations and get expert feedback

**Coursework: 4-course mini-series**

**Week 1- Start writing prompts like a pro-**4 hours

* Define prompting in reference to generative AI tools
* Recognize and apply the prompting framework (task, context, references, evaluate, iterate) to create effective prompts
* Understand the importance of evaluating outputs and refining prompts as key to receiving the outputs you want

**Week 2- Design prompts for everyday work tasks-**2 hours

* Apply the prompting framework to draft text content, help with brainstorming, create tables and timelines, and summarize lengthy text
* Apply prompting strategies to adjust the particular tone and style of text output
* Understand the benefits of long context windows

**Week 3 - Speed up data analysis and presentation building-**2 hours

* Apply the prompting framework to extract insights from data, identify and fix spreadsheet formulas, and explore data visualization
* Develop a responsible prompting practice when entering data into generative AI tools
* Understand AI sampling parameters, how they work, and strategies for their us

**Week 4 - Use AI as a creative or expert partner-**4 hours

* Understand and apply prompt chaining, including chain of thought prompting, for complex tasks
* Create AI agents and recognize their benefits and potential use cases
* Understand prompt versioning and the benefits of saving and reusing your prompts over time