

■ Complete Prompt Engineering Course for ChatGPT

Master the art of interacting with AI to get precise, useful, and powerful results.

■ Section 1: Introduction to Prompt Engineering

Prompt engineering is the skill of crafting effective prompts to guide language models like ChatGPT. It's key to getting high-quality output, whether you're coding, creating content, learning, or solving problems.

■ Section 2: Prompt Types and Structures

Instruction-based: Give clear, direct tasks. E.g., 'Summarize this paragraph in 3 points.'

Roleplay: Make the AI take a role. E.g., 'You are a startup mentor. Give fundraising tips.'

Few-shot: Provide examples to set a pattern. E.g., 'Fix grammar: 1. He go → He goes'

Chain-of-thought: Encourage step-by-step reasoning. E.g., 'Solve step by step: $60 \div 2 \times (1+2)$ '

Multi-turn: Use follow-ups to refine results. E.g., 'Make it shorter', 'Add humor', etc.

■ Section 3: Components of a Powerful Prompt

A well-designed prompt usually includes the following elements:

Component	Description	Example
Role	Tell the AI who to be	You are a travel guide...
Task	What should it do?	Plan a 5-day trip to Japan
Context	Background info	For a family with kids
Constraints	Rules or format	Give daily itineraries in bullet points
Examples	Show what you want	E.g., Day 1: Tokyo Disneyland – fun rides...

■ Section 4: Advanced Prompt Engineering Techniques

- **Use specific formats:** Give output as JSON / table / bullet points
- **Add constraints:** Use no more than 100 words
- **Provide bad examples:** Don't use passive voice
- **Set tone/style:** Explain in pirate slang / Gen Z style
- **Ask for improvement:** Revise to be more persuasive

■■ Section 5: Prompting for Different Use Cases

- **Studying & Learning:** Explain complex topics simply. E.g., 'Explain recursion like I'm 5.'
- **Job Applications:** Polish resumes and bios. E.g., 'Rewrite this to sound more professional.'
- **Coding Help:** Debug or learn. E.g., 'What does this error mean in Python?'
- 🏠 ■ **Content Creation:** Generate ideas or polish writing. E.g., 'Suggest 10 blog post titles for AI marketing.'
- **Data Analysis:** Ask for table, JSON, or step-by-step calculations.

■ Section 6: Prompt Crafting Practice

- Write a prompt to explain 'API' to a 10-year-old.
- Write a prompt to generate a daily 30-minute workout plan.
- Write a prompt that outputs a JSON list of book recommendations based on genre.
- Write a prompt to create a 7-day vegetarian meal plan with calories.

■ Final Tips

- Be clear and specific.
- Add examples when needed.
- Guide tone and format.
- Iterate using follow-ups.
- Ask for improvements or rewrites.

■ Mastering prompt engineering will make you more productive, creative, and efficient in working with AI.