

Certified Prompt Engineer® Interactive Live Training

OEM: Blockchain Council • Code: ILT-CPE

COURSE DESCRIPTION

Advance your AI career with the Certified Prompt Engineer® Live Training (ILT) Program, a hands-on Prompt Engineering Live Course designed for professionals who want real-time mastery of large language models (LLMs). This interactive Prompt Engineering Certification Live program teaches you how to design precise, context-aware prompts that generate accurate and reliable AI responses. Through expert-led sessions, real-world case studies, and practical exercises, you will gain live experience working with advanced AI tools and APIs. The course covers prompt optimisation techniques, advanced response engineering, workflow automation, and applied AI problem-solving strategies. This Prompt Engineering ILT is ideal for developers, AI professionals, and tech enthusiasts aiming to unlock high-demand prompt engineering jobs. Earn your Certified Prompt Engineer credential through live, instructor-led learning and position yourself at the forefront of AI innovation.

AUDIENCE PROFILE

- Working Professionals — Who prefer structured, instructor-led learning with real-time Q&A.
- Career Changers — Looking for guided, hands-on training with expert mentorship.
- Team Leads & Managers — Who need deep understanding to lead technology initiatives.
- Entrepreneurs & Founders — Planning to build products or services and want expert guidance.
- Students & Fresh Graduates — Seeking a competitive edge with a globally recognized certification.
- Consultants & Advisors — Who need to quickly build expertise with structured training.

PREREQUISITES

- Basic understanding of technology concepts
- A computer with stable internet connection for live sessions
- Webcam and microphone recommended for interactive participation
- No prior specialized experience necessary — the program starts from foundations

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- Introduction to the Course
- Foundations of Prompt Engineering
- Core Prompting Strategies

- Advanced Prompting Techniques
- Use Case-Based Prompt Engineering
- APIs, GPTs & Workflow Automation
- Understanding AI Models
- Cutting-Edge Trends in Prompting
- The Future & Career Growth
- Comprehensive Demonstration and Functional Overview of GPT-5

COURSE OUTLINE

Module 1: Introduction to the Course

- Introduction to the Course

Module 2: Foundations of Prompt Engineering

- Understanding AI & the Role of Prompt Engineering
- Evolution of AI Models & Their Capabilities
- How AI Understands & Processes Prompts
- Key Concepts: Tokens, Temperature, and Top-P

Module 3: Core Prompting Strategies

- Zero-shot, Few-shot, and One-shot Prompting
- Chain-of-Thought (CoT) Prompting for Reasoning
- Self-Reflection & Iterative Prompting
- Prompt Tuning at Scale
- Advanced Prompting Strategies & Best Practices

Module 4: Advanced Prompting Techniques

- Multimodal Prompting: Deep Dive
- System & Instruction-Tuned Prompts
- Prompting for Data Science, Analysis, and Research
- Ethical AI & Bias Mitigation Strategies
- Handling Sensitive Topics & Content Safeguards

Module 5: Use Case-Based Prompt Engineering

- Writing & Editing (Summarisation, Paraphrasing, Content Creation)
- Code Generation & Debugging
- Data Extraction & Interpretation (Tables, PDFs, Web)
- Marketing & Business Use (SEO, Ads, Funnels)
- AI as a Teaching Assistant
- Creative AI: Ghibli-style Prompts for Visual Storytelling

Module 6: APIs, GPTs & Workflow Automation

- Using OpenAI, Claude, Gemini, and Mistral APIs
- Fine-Tuning vs Custom GPTs: What's the Difference
- GPT-4o & Real-Time Interactions: What's New
- Automating Tasks with Zapier, Make, LangChain
- Using Vector DBs (e.g. Pinecone, ChromaDB) for Retrieval

Module 7: Understanding AI Models

- OpenAI: GPT-5, GPT-4, GPT-4 Turbo, GPT-4o, and Custom GPTs
- Google Gemini 2.5 – Real-Time Multimodal Capabilities
- Claude 4 – Claude Opus, Sonnet, and Haiku
- Meta LLaMA 4 – Community Use & Tooling
- Mistral, Mixtral, and Other Open-Source Trends

Module 8: Cutting-Edge Trends in Prompting

- AI Agents: AutoGPT, BabyAGI, CrewAI, OpenDevin
- Multimodal AI: From Text to Ghibli-Style Image Generation
- Voice & Video Prompting: Real-Time Interactions
- Small Language Models (SLMs) for On-Device AI
- No-Code Prompt-Based App Builders (e.g., Cognosys, Flowise)

Module 9: The Future & Career Growth

- AI Trends 2025+: Multimodal, Local, Real-Time
- Prompt Engineering Roles & How to Build a Portfolio
- Legal, Ethical, and Regulatory Developments
- Contributing to Open Source AI Models
- Curating Your Learning Path & Staying Updated

Module 10: Comprehensive Demonstration and Functional Overview of GPT-5

- GPT-5 Unveiled: The AI That Thinks, Remembers, and Collaborates
- GPT-5 From Smart Assistant to Your All-in-One AI Team