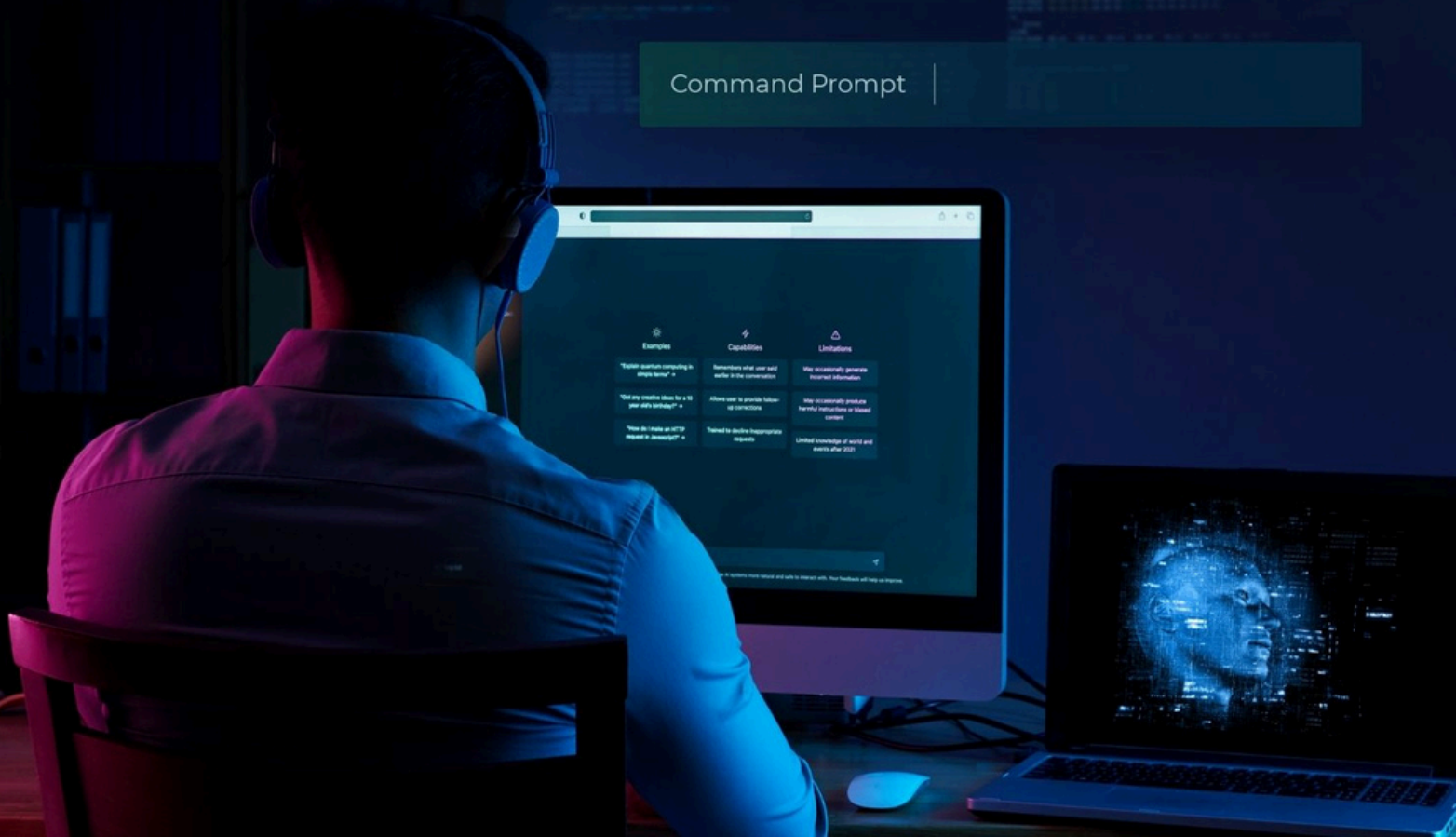




# AI+ Prompt Engineer™

Certification

Command Prompt |



# Executive Summary

The AI+ Prompt Engineer certification introduces learners from diverse backgrounds and levels of expertise to the fundamental principles of artificial intelligence and prompts engineering. Covering the history, concepts, and applications of AI, machine learning, deep learning, neural networks, and natural language processing, the certification also delves into best practices for designing effective prompts that harness the capabilities of AI models to their fullest potential. Through a combination of theoretical instruction and practical exercises, including project-based learning sessions, participants acquire the skills needed to create and utilize prompts across various domains and objectives.

## Certification Prerequisites

- Understand AI basics and how AI is used - no technical skills required.
- Willingness to think creatively to generate ideas and use AI tools effectively.

# Exam Blueprint

Number  
of Questions

**50**

Passing  
Score

**35/50 or 70%**

Duration

**90 Minutes**

Format

**Online via AI  
Proctoring platform**

Question Type

**Multiple Choice/Multiple  
Response**



# Certification Modules



## Module 1

### Foundations of Artificial Intelligence (AI) and Prompt Engineering

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1.1 Introduction to Artificial Intelligence

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1.2 History of AI

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1.3 Machine Learning Basics

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## Module 2

### Principles of Effective Prompting

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2.1 Introduction to the Principles of Effective Prompting

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2.2 Giving Directions

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2.3 Formatting Responses

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## **Module 3**

# **Introduction to AI Tools and Models**

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## **3.1 Understanding AI Tools and Models**

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## **3.2 Deep Dive into ChatGPT**

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## **3.3 Exploring GPT-4**

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## **Module 4**

# **Mastering Prompt Engineering Techniques**

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## **4.1 Zero-Shot Prompting**

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## **4.2 Few-Shot Prompting**

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## **4.3 Chain-of-Thought Prompting**

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## **Module 5**

# **Mastering Image Model Techniques**

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## **5.1 Introduction to Image Models**

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## **5.2 Understanding Image Generation**

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## **5.3 Style Modifiers and Quality Boosters in Image Generation**

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## Module 6

## Project-Based Learning Session

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### 6.1 Introduction to Project-Based Learning in AI

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### 6.2 Selecting a Project Theme

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### 6.3 Project Planning and Design in AI

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## Module 7

## Ethical Considerations and Future of AI

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### 7.1 Introduction to AI Ethics

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### 7.2 Bias and Fairness in AI Models

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### 7.3 Privacy and Data Security in AI

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# Certification Outcome

Upon successful completion of the AI+ Prompt Engineer Certification, learners will demonstrate proficiency in foundational AI concepts, principles of effective prompting, theoretical understanding of AI tools and models, prompt engineering techniques, image model concepts, and ethical considerations in AI. Participants will have acquired practical skills through project-based learning sessions and will be equipped to apply ethical frameworks in AI development. This certification signifies competence in AI prompt engineering and prepares individuals for ethical and innovative contributions to the field.



## Market Insight

The integration of AI in education is a growing global trend, transforming teaching methodologies and learning experiences. Educational institutions are increasingly adopting AI, recognizing its potential to personalize learning and streamline administrative tasks. This certification places educators at the forefront of this transformation, ensuring they are well-prepared to navigate and contribute to the evolving educational landscape.



## Value Proposition

This certification offers educators a unique opportunity to master AI applications in education. It blends theoretical knowledge with practical skills, empowering educators to lead AI-driven educational initiatives. The certification is not just about understanding AI – it's about applying it effectively to enrich the educational experience.



## Additional Features

The certification is designed with a focus on real-world application, incorporating interactive modules, hands-on tool exploration, and collaborative project work. Educators will engage with current AI technologies, gaining practical experience and insights to apply in their professional roles.



# AI Experts



## Jason Kellington

AI Expert

As a consultant, trainer, and technical writer with more than 25 years of experience in IT, I specialize in the development and delivery of solutions focused on effective and efficient enterprise IT.



## Justin Frébault

AI Expert

I'm a boutique data consultant specializing in data mesh and lakehouse solutions. I've dedicated my career to helping organizations transform their approach to data, moving beyond mere knowledge.



## J Tom Kinser

AI Expert

I have over forty years of experience in software development, data engineering, management, and technical training. I am a Microsoft Certified Trainer and a software developer, holding multiple certifications.



## Terumi Laskowsky

AI Expert

Country Manager for Global Consulting Services in Japan, Specialties: Information Security (Compliance, Policy, Application, Host, Network)





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