**Course Introduction**

After completing this course, you will be able to:

* Utilize generative AI tools to enhance systems development processes
* Optimize productivity through the application of AI to routine engineering tasks
* Identify and select the most appropriate AI tools to streamline daily activities
* Apply best practices while using AI tools in systems engineering
* Create effective prompts for conversational AI tools

**Building Learning Paths with AI**

**Maximizing AI Effectiveness: Best Practices**

Remember the following tips to improve your prompts:

* Start with General Prompts: Begin with broad prompts for a general overview.
* Ensure Accuracy: When you need specific information, ensure your prompts are clear and accurate.
* Describe Limitations and Context: If the initial result is unsatisfactory, provide more context or describe limitations.
* Split Complex Prompts: Break down complex prompts into simpler, more manageable parts.
* Use Examples: Provide examples as standards and ask the AI to follow them.