

**Competency: Effectively communicate and interact with artificial intelligence systems and technologies.**

Learning Outcomes	Beginning	Developing	Advanced	Mastered
<b>Input formulation:</b> The ability to formulate requests and questions in a clear and concise manner, taking into account the specific input format required by the AI system (e.g. natural language text or voice commands).	Basic understanding of how to formulate requests and questions, may struggle with clear and concise wording.	Improving ability to formulate clear and concise requests, starting to understand the specific input format required by AI systems.	Consistently formulates clear and concise requests that are well-suited to the input format of AI systems.	Expert at formulating requests and questions that are optimized for AI systems, able to quickly and effectively communicate with AI systems using natural language or voice commands.
<b>Understanding AI capabilities and limitations:</b> Knowledge of what an AI system is capable of and what it is not capable of, in order to ensure that requests are reasonable and relevant.	Limited understanding of AI capabilities and limitations, may make unrealistic requests or expect too much from AI systems.	Improving understanding of AI capabilities and limitations, able to make more informed requests and recognize when AI may not be the best solution for a particular task.	Strong understanding of AI capabilities and limitations, able to make informed requests and effectively leverage AI systems for specific tasks.	Expert in understanding AI capabilities and limitations, able to use AI systems to their full potential and recognize when to seek human assistance.
<b>Interpretation of AI responses:</b> The ability to understand and interpret the results or responses provided by the AI system, including understanding any error messages or unexpected results.	Struggles to understand and interpret AI responses, may need assistance in making sense of results or error messages.	Improving ability to interpret AI responses, starting to understand common error messages and unexpected results.	Consistently able to interpret AI responses and effectively respond to results or error messages.	Expert at interpreting AI responses, able to quickly make sense of complex results or error messages and respond appropriately.
<b>Appropriate response generation:</b> The ability to generate an appropriate response or action based on the AI system's output, including the ability to ask follow-up questions or provide additional information when needed.	Struggles to generate appropriate responses or actions based on AI output, may need assistance in understanding results or error messages.	Improving ability to generate appropriate responses or actions, starting to understand how to respond to results or error messages.	Consistently generates appropriate responses or actions based on AI output, able to quickly and effectively respond to results or error messages.	Expert at generating appropriate responses or actions, able to quickly and effectively respond to complex results or error messages.
<b>Familiarity with AI language and terminology:</b> A basic understanding of the language and terminology used in AI, including commonly used terms, concepts, and techniques, and how they are applied in various applications and domains.	Limited understanding of AI language and terminology, may struggle with common terms, concepts, and techniques.	Improving understanding of AI language and terminology, starting to become familiar with commonly used terms, concepts, and techniques.	Strong understanding of AI language and terminology, able to use common terms, concepts, and techniques effectively.	Expert in AI language and terminology, able to effectively use a wide range of terms, concepts, and techniques in various applications and domains.