**NR**

The document I just uploaded is a collection of recommended prompts for faculty to use to best leverage the affordance of generative AI for course design.

There are three total categories of prompts: Generation, Enhancement, and Q&A. Each one of these is left justified and bolded in the document, if that helps you find them.

Using the recommended prompts under each topic, can you write a short description for each topic?

**Claude**

Here are short descriptions for each of the three prompt categories:

Generation: These prompts help generate new content from scratch, such as course introductions, learning objectives, discussion topics, exam questions, syllabi, and rubrics. The prompts provide examples for creating draft course materials across various disciplines.

Enhancement: These prompts aim to improve existing content by expanding, enriching, translating, summarizing, or condensing it. Examples include reviewing and strengthening syllabi, augmenting product descriptions, localizing content, and summarizing reports into briefs.

Q&A: These prompts allow asking the model questions to gain insights on educational technology tools, pedagogical strategies, current trends, and new knowledge. Sample questions help discover innovative technologies, compare teaching methods, research best practices, and explain complex topics.

**NR**

Can you write these again but provide more concrete examples instead of just lists?

**Claude**

Here are more detailed descriptions with concrete examples for each prompt category:

Generation: These prompts help create new course content from scratch. For example, you could use a prompt to generate a draft syllabus outline for an Environmental Science class, including sections on course policies, schedule, assignments, and grading. Or you could ask for a list of thought-provoking discussion questions about Climate Change for a faculty forum.

Enhancement: These prompts strengthen existing content. You could provide a product description for wireless headphones and ask for suggestions to expand on details about sound quality, battery life, and compatibility. Or you could summarize a long research report on market trends into a one-page executive brief highlighting key takeaways.

Q&A: These prompts allow you to ask questions to gain new knowledge. You could ask for an overview of machine learning and how it applies in diverse fields like healthcare and finance. Or you could ask for insights on experiential learning strategies to incorporate into a History of Science curriculum. The model can research trends and recommend innovative technology tools for specific disciplines.

**NR**

Awesome. Do you have any recommendations for the prompts I already have?

**Claude**

Here are some recommendations to enhance the existing prompts:

* For the Generation prompts, consider adding examples for generating quiz/exam questions in additional subject areas like business, healthcare, social sciences etc.
* The Enhancement section could include a prompt for improving the flow and organization of a course textbook or study guide.
* In Q&A, you could add a prompt for getting an overview or introduction to an unfamiliar concept or theory, using examples like "Explain the core tenets of Critical Race Theory" or "Provide a beginner's guide to Quantum Computing."
* For research prompts in Q&A, some additional example topics could be:
  + Researching trends in accessibility and inclusive design in education
  + Investigating use of VR/AR in skills training and development
  + Examining techniques to support neurodiverse learners
* When asking to compare teaching methods or tools, prompts could specifically request an analysis of the pros/cons or a recommendation based on context.
* For technology prompts, examples related to data analytics, AI, privacy/ethics could be relevant for faculty.

Let me know if you would like me to expand or clarify any of these suggestions! I'm happy to provide more details.

**NR**

Please do provide more details. Could you give me a prompt for each bulleted suggestion?

**Claude**

Here are some sample prompts to expand on each suggestion:

* Generation - Additional subject areas:

"Compose 5 multiple choice questions about key concepts in Organizational Behavior for a management course exam."

"Generate 3 short answer questions testing nursing skills and knowledge for a Medical-Surgical Nursing quiz."

* Enhancement - Improve flow of materials:

"Review the draft textbook for an Introduction to Marketing course and provide suggestions to improve organization of topics and smooth transitions between chapters."

* Q&A - Explain unfamiliar concepts:

"Provide a beginner's overview of Critical Race Theory including key concepts, main arguments, and applications."

"Explain the foundational principles of Quantum Computing in simple terms including qubits, entanglement, and superposition."

* Q&A - Additional research topics:

"Research current trends and best practices in inclusive instructional design and accessibility in online learning environments."

"Investigate recent developments in using Augmented Reality for employee training and education in industrial fields."

* Q&A - Compare methods and tools:

"Compare project-based and problem-based learning approaches in secondary math classes, analyzing the pros and cons of each."

"Recommend either online simulations or in-person labs for a high school physics course based on specific advantages for student learning."

* Q&A - Technology topics:

"Explain key ethical concerns related to AI and automation in education, healthcare, and the workforce."

"Provide an overview of how data analytics can be used to improve student recruitment and admissions processes at universities."

Let me know if you need any clarification or have additional suggestions for improving the prompts!