

AI Fundamentals: My Dinner with Claude

(and lunch, and breakfast)

Part 1: Course Proposal

In the rapidly evolving landscape of artificial intelligence, Large Language Models (LLMs) have become essential tools in academia. This one-hour professional development course offers a full day's worth of AI applications, tailored for college faculty and staff seeking to enhance their academic practice.

Breakfast: "The Plagiarism Predicament"

We begin by exploring the dual nature of LLMs in academic integrity. Participants will first use an LLM to generate a plagiarized essay, then pivot to detecting such AI-assisted academic dishonesty. This session demonstrates how LLMs can both challenge and uphold academic standards, providing valuable insights for educators.

Lunch: "Rubric Refinement and Objective Optimization"

Midday, we tackle the often tedious task of assessment design. Participants will use LLMs to generate intentionally vague rubrics and learning objectives, then learn to leverage AI to transform these "raw" materials into clear, effective assessment tools. We'll ensure our academic standards are nothing short of perfection – or as Chef Ramsay might say, "They're spot on!"

Dinner: "The Confidentiality Conundrum"

We conclude with a focus on administrative tasks, particularly those involving sensitive information. Participants will use LLMs to draft recommendation letters and meeting minutes, initially overlooking privacy concerns. We'll then explore best practices for maintaining data confidentiality and professional ethics while leveraging AI for administrative efficiency.

Throughout this "day of meals" with Claude (our LLM of choice), participants will gain hands-on experience in prompt engineering, understand LLM capabilities and limitations, and navigate the ethical considerations of AI in academia. By the course's end, attendees will be equipped to integrate LLMs into their academic practice responsibly and effectively.

Join us for "AI Fundamentals: My Dinner (and Breakfast, and Lunch) with Claude" – where we learn to serve up innovation in academia, one AI-assisted task at a time!

Part 2: Key Elements Breakdown

1. Title: "AI Fundamentals: My Dinner (and Breakfast, and Lunch) with Claude"

- Plays on the movie "My Dinner with Andre"
- Incorporates the three-meal structure of the course
- Mentions Claude, representing LLMs in general

2. Format:

- One-hour professional development course
- Structured around three meal-themed scenarios

3. Target Audience:

- College faculty and staff
- Suitable for a wide cross-section of academic roles

4. Content Structure:

- Breakfast: Plagiarism detection and prevention
- Lunch: Creating and improving rubrics and learning objectives
- Dinner: Handling administrative tasks while addressing data privacy

5. Learning Approach:

- Each "meal" introduces a common misuse or pitfall
- Followed by correct application of LLMs
- Allows participants to learn from mistakes

6. Key Skills Covered:

- Prompt engineering
- Understanding LLM capabilities and limitations
- Navigating ethical considerations in AI use

7. Practical Applications:

- Academic integrity
- Assessment design
- Administrative efficiency

8. Ethical Focus:

- Plagiarism prevention
- Data privacy
- Professional ethics in AI use

9. Tone:

- Balances professionalism with light-hearted elements
- Uses meal structure and subtle humor to engage participants

10. Outcome:

- Equip participants to integrate LLMs into academic practice
- Foster responsible and effective use of AI in academia