

# Generative AI with ChatGPT

Explore how to harness the power of ChatGPT and other generative AI tools to streamline tasks, generate content, and boost productivity. You'll gain hands-on experience using AI for writing, research, and image creation, while understanding its practical applications and limitations in professional settings.

Group classes in Live Online and onsite training is available for this course. For more information, email [onsite@graduateschool.edu](mailto:onsite@graduateschool.edu) or visit: <https://sdfm.graduateschool.edu/courses/generative-ai-intro>



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## Course Outline

### The Technology & Importance of AI (Artificial Intelligence)

- What is a GPT & how does it work?
- The Importance of AI
- OpenAI & Microsoft
- AI Products from Microsoft

### Getting Started with ChatGPT: Writing Prompts

- Ask ChatGPT a Question
- Follow Up Messages
- Create a New Chat or Continue the Current Chat?
- Not Satisfied with ChatGPT's response?

### ChatGPT Plans: Free vs Paid & Personal vs Business

- How to Choose a Plan & What are the Differences?
- AI models compared: Instant vs Thinking
- ChatGPT Plans for Individuals or Businesses

### Data Privacy

- Large Language Model Training & Data Privacy
- How to Disable Training (to Keep Your Data Private)

### Ideas For How You Can Use AI

- What can ChatGPT do for you?
- Why or when to use ChatGPT instead of Google
- Learn the Most Important Aspects About a Topic
- Write Something For You

- Get Summaries of Documents, Articles, etc
- Improve Your Writing
- Clean Up a Video Transcript

### **Prompt Frameworks / Prompt Engineering**

- Example of a Prompt Framework
- More Prompt Frameworks

### **Things to Watch Out For: Copyright & Legal Implications**

- Confidentiality (Data Privacy)
- Copyright & Ownership of AI-Generated Content
- Liability
- Licensing & Permissions

### **Data Analysis**

- Analyzing Data in ChatGPT
- Asking Questions
- Creating Charts/Graphs

### **Generating Images with ChatGPT**

- Generating Images with ChatGPT
- Tips for Creating Images

### **Tips & Tricks for Writing Better Prompts**

Techniques to Improve Your Prompts

### **Personalize ChatGPT & Custom instructions**

- Personalization Settings
- Custom Instructions

### **ChatGPT Memory**

- Using & Managing Memories
- Temporary Chat
- Memory vs Custom Instructions

### **ChatGPT Mobile Apps**

- Speaking to the ChatGPT Mobile App
- Uses of Voice Chat

### **Humans, AI, and the Workplace**

- Human Involvement
- Evaluate the Results
- How To Thrive in a Workplace with AI