

CHATGPT + AI TOOLS

Course Duration: 4 Months

Contact Us

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 **Job Assistance
Provided**

Project submitted by Wingslide
Technologies in partnership with
Design Shore Technologies.
Branches in NZ & AUS

ChatGPT + AI Tools Mastery: Augmenting Workflows with AI

Unlock the potential of generative AI with our comprehensive ChatGPT + AI Tools Mastery program. Explore the evolving landscape of conversational AI, prompt engineering, and automation workflows to enhance creativity, productivity, and innovation across industries. From mastering ChatGPT fundamentals to building advanced AI-powered applications, this course will empower you with practical expertise to leverage AI tools for content creation, customer engagement, process automation, and more. Whether you're focused on writing, coding, research, or business operations, this program delivers the hands-on skills and strategies needed to thrive in the AI-driven future.

Tools & Skills you will learn

- ✓ **ChatGPT basics** - Playground, prompts, LLM fundamentals
- ✓ **Advanced prompting** - API usage, tool integrations
- ✓ **Intelligent apps** - Embeddings, RAG, custom GPTs
- ✓ **Multimodal & deployment** - Image AI, Docker/cloud, ethics

COURSE DETAILS

Month 1 – Foundations & Prompt Engineering

1.1 ChatGPT & Generative AI Fundamentals

- ✓ **Course Concepts:** Evolution of ChatGPT, LLM architecture (transformers, tokens, embeddings), AI/ML/NLP basics, business use cases, limitations
- ✓ **Hands-on:** Sign up for OpenAI, explore Playground, write basic prompts (Q&A, summarization, translation).

1.2 Prompt Engineering Basics (Month 1)

- ✓ **Topics Covered:** Prompt structure, few-shot prompting, instructions, chain-of-thought techniques → improves quality in content creation, summarization, code generation
- ✓ **Practice:** Compare outputs with different prompt styles; iterate to enhance responses.

Month 2 – Advanced Prompting & API Integration

2.1 Master Prompting (Month 2)

- ✓ **Advanced Techniques:** Context management, nuanced prompting, scenario-based strategies, expert-level tips

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STUDY ANYTIME, ANYWHERE

ONLINE
OR
OFFLINE

Attend offline or live online classes with recordings for easy revision.

- ✓ **Exercises:** Design prompts for multi-turn conversations, troubleshooting, knowledge extraction.

2.2 ChatGPT & AI Tools Integration

- ✓ **API Module:** OpenAI API basics, Python integration, building chatbots using Flask or FastAPI
- ✓ **Toolchain Workflows:** Automate content creation in spreadsheets, presentations, email (e.g., Excel + ChatGPT Plugin, Power Automate).

Month 3 – Building Intelligent Applications

3.1 Retrieval-Augmented Generation (RAG) with Embeddings

- ✓ **Core Concepts:** Embeddings, vector databases (ChromaDB, Pinecone), similarity search → part of robust AI pipelines
- ✓ **Build:** Fast prototype—a chatbot retrieving answers from domain documents using LangChain.

3.2 Custom GPTs & Fine-tuning

- ✓ **Custom GPTs:** When to fine-tune vs prompt-tune; use cases, dataset prep
- ✓ **Hands-on:** Fine-tune a GPT model for domain-specific tasks (e.g., technical support, content generation).

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Month 4 – Multimodal AI, Deployment & Ethics

4.1 Image & Multimodal AI Tools

- ✓ **Image Generation:** DALL-E / Stable Diffusion fundamentals, prompt strategies, style consistency
- ✓ **Multimodal Apps:** Combine text + image outputs (e.g., blog drafts with generated visuals).

4.2 Deployment, Scaling & Responsible AI

- ✓ **Deployment:** Containerization basics (Docker), serverless APIs, cloud deployment (Heroku, Azure, GCP)
- ✓ **Ethics & Security:** Bias detection, fairness, RLHF fundamentals, data privacy best practices

Capstone Projects (Months 3–4)

- ✓ **Custom Chatbot** for a specific domain (e.g., support assistant).
- ✓ **RAG-based Q&A System** with document ingestion and semantic search.
- ✓ **Text + Image Generator App** – a mini-blog creator with visuals.
- ✓ **Full-stack Deployment** – host an AI service via API/UI with versioning and scaling.

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Ready to Unlock the Power of ChatGPT & AI Tools?

☀️ **Join the program today and turn your passion into a rewarding career!**

Why Choose Wingslide ?

- ✓ Master the latest AI technologies, including ChatGPT, Generative AI, Prompt Engineering, and API Integration.
- ✓ Gain practical experience with tools like OpenAI, LangChain, DALL·E, and other AI-powered platforms to enhance productivity and creativity.
- ✓ Work alongside industry experts to build real-world AI applications, automate workflows, and solve business challenges using conversational AI and automation tools.

Embark on your journey to mastering ChatGPT and AI Tools. At Wingslide, we equip you with the knowledge, skills, and hands-on experience to harness the power of AI and transform the way you work in today's digital world.

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When Your Future Starts
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