

Vibe Coding for Non-Tech Staff: Build AI Tools Without Code

CONNECTION 裝備未來
TECHNOLOGY 裝備未來
FUTURE SKILLS

This 3.5-hour course introduces non-technical professionals to “vibe coding” — a practical approach to building AI-powered tools without programming.

Through guided demos and hands-on exercises, participants will create simple workplace tools and learn how to apply AI to improve productivity and automate daily tasks.

Programme code	P0000307
Date and time	23 July, 2026 (Thu) 14:00 – 17:30 (3.5 Hours)
Venue	1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon Tong
Medium	Cantonese, supplemented with English terminology
Course fee	HK\$1,800/*HK\$1,680 for early bird

Course Objectives

- ✓ Understand the fundamentals of “vibe coding” and how non-technical staff can use AI to build useful tools
- ✓ Learn structured prompting techniques for better AI results
- ✓ Build simple tools such as dashboards, generators, and utilities
- ✓ Apply AI to solve common workplace challenges, including automation, analysis, and internal workflows
- ✓ Gain awareness of AI risks, data privacy, and safe usage

Course Outline

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1. Introduction

- What “vibe coding” is (describe → generate → test → refine)
- Real workplace examples
- Tools introduction: Microsoft Copilot Studio, Replit, Poe, Claude Code, Cursor, etc.

2. Foundations of Vibe Coding

- The 4-step Vibe Loop
- Prompt structure

3. Live Demo: Build a Tool

- Build a simple internal web tool live
- Showing: Initial prompt, Running the tool, Iterating with improvements
- Add step-by-step features
- Demonstrate fixing errors with AI

4. Hands-On Exercise #1

5. Workplace Use Cases

- HR examples: application tracing system
- Marketing examples: customer service AI agent
- Finance examples: stock trading strategies
- Operations examples: office automation

6. Prompting Like a Pro

- How to improve design & usability
- Improving clarity & specificity
- Upgrade earlier tool exercise

7. Risk, Security & Boundaries

8. Hands-On Exercise #2 (Real Work Tool)

Trainer Information

Dr Patrick TSOI, he is a trainer with over 28 years hands-on data science, Big Data and programming experiences. He is a Doctor of Education graduate from the Hong Kong Baptist University, Master in IT Education graduate from the University of Hong Kong and B.Eng in System Engineering and Engineering Management from the Chinese University of Hong Kong.

Enrolment method

- Scan the QR code to complete the enrolment and payment online
- Should you have any enquiries or information needed, please feel free to contact us. Thank you.

