CORSEN AI Academy

Building OpenAI Agents

Course syllabus

Version 2026-11

Overview

Covers Agent Builder, Agents SDK, tools, guardrails, handoffs, ChatKit, and deploying agents to production.

Learning objectives

- Build a first agent with the Agents SDK distinguishing Agent, Runner, Tool, and Guardrail
- Declare synchronous, asynchronous, and parallel tools, and connect external services via MCP
- Implement input and output guardrails as well as handoffs between agents
- Integrate a ChatKit interface into your product with theming, widgets, and user actions
- Evaluate an agent via trace grading and secure its scaling to production

Audience and prerequisites

Developers, engineers, and integrators looking to leverage ChatGPT via API in their applications.

Ability to read Python (or TypeScript for examples using it) and JSON, plus command line basics. An OpenAI platform API key to try the examples.

Duration and format

Estimated duration : 2 h 15 min. 100% online self-paced course, accessible 24/7 from a browser. Progress saved, resume anytime. Estimated duration: 2 h 15 min.

Content

- Foundations (5 lessons)
- Tools and Function Calling (5 lessons)
- Advanced Patterns (6 lessons)
- ChatKit — Deploying into Your Product (5 lessons)
- Production and Evaluation (4 lessons)

Assessment

Practice exercises provided throughout the lessons. Each lesson ends with its Key takeaways, supporting self-assessment. A final quiz of 5 corrected questions, at the end of the last lesson, validates learning.

Accessibility

Self-paced course accessible to people with disabilities: text content compatible with screen readers, keyboard navigation, and compliant contrasts. For any adaptation needs, email hello@corsen.ai.

Price and recognition

Free

Certificate of completion issued by Corsen AI.

Access time

Immediate after account creation and email confirmation.

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