

Stanford | Continuing Studies

Course Title: Enterprise AI: From Experimentation to Execution

Course Code: TECH 83

Instructor Name: Alex Loiko

Class Sessions and Recording

Meeting days and times: Tuesdays, 7:00-8:30pm PT

Meeting location: Online (Zoom link will be provided to enrolled students closer to start date)

Class sessions will be recorded. Course recordings will be available for three weeks after the quarter ends.

How This Course Works

Each session combines short lectures, case studies, guest speakers, discussions, live exercises, and Q&A.

Students should be prepared to engage in discussions and/or participate in activities during class time.

Assignments & Coursework

This course includes:

- Weekly assignments/homework
- Final assignment: an Enterprise AI Deployment Blueprint.
- Feedback on assignments from the instructor

Students will complete short weekly assignments based on their own organization or a provided case study. Together, these assignments build an Enterprise AI Deployment Blueprint as the final project. Feedback will be provided on key assignments during the course, both individually where appropriate and through class discussions. No group projects are planned.

Grade Options and Requirements

A digital certificate will be available to students who earn Credit.

- No Grade Requested (NGR)
 - This is the default option. No work will be required; no credit shall be received; no proof of attendance can be provided.
- Credit/No Credit (CR/NC)
 - Attend, or watch the recording of, at least 7 of 8 class sessions
 - Submit most assignments, including the final project.

**Please Note: If you require proof that you completed a Continuing Studies course for any reason (for example, employer reimbursement), you must choose either the Letter Grade or Credit/No Credit option. Courses taken for NGR will not appear on official transcripts or grade reports.*

Target Audience and Prerequisites

Designed for technology leaders, product managers, implementation strategists, and forward-deployed engineers, this course examines how organizations move AI from experimentation to execution. We will explore why technical performance alone rarely guarantees adoption or business value and how deployment challenges often emerge from workflow integration, incentives, and trust.

Learning Objectives

Students will be able to design enterprise AI initiatives that deliver measurable business value, successfully navigate organizational change, and achieve successful production deployment and user adoption.

Textbooks/Required Materials

No textbooks required.

Pre-class Assignment

There will be a link to a survey with 3-5 basic questions.

Tentative Weekly Outline

Week One

Explore the foundations of successful enterprise AI deployments, from selecting the right use cases to defining clear business problems and success criteria.

Week Two

Understand how organizations create business value from AI, build compelling business cases, and prioritize investments.

Week Three

Assess organizational, data, and systems readiness for enterprise AI, including agentic AI and modern enterprise architectures.

Week Four

Design AI solutions that fit naturally into business workflows through effective user experience, workflow design, and rapid prototyping.

Week Five

Understand the security, governance, and operational considerations required to deploy AI responsibly at enterprise scale.

Week Six

Examine best practices for testing, rollout planning, organizational readiness, and successful production deployment.

Week Seven

Learn how leading organizations drive AI adoption, measure business impact, and realize long-term value from AI investments.

Week Eight

Explore autonomous AI deployments, AI-native enterprises, and how AI is reshaping

the future of organizations and work.

Additional Information

You are welcome to use generative AI tools in this class. You are responsible for the information you submit based on an AI query (for instance, that it does not violate intellectual property laws or contain misinformation). Your use of AI tools must be properly documented and cited.

It is never permitted to upload your classmates' writing/content to an AI tool.