



AI-Integrated Teaching

Week 1 · Orientation

Fall 2026 · Graduate School, Dept. of Education · Course No. 93007033

Instructor Yoobinnara Kim

Based on the UNESCO AI Competency Framework for Teachers (2024)

Welcome!

Hello, and welcome to AI-Integrated Teaching.

Over the next 15 weeks, we will explore how you, as a teacher, can use AI in your own classroom, in your own subject, and in your own language and culture.

You do not need any technical background. If you can send a text message, you can do everything in this course.



Your instructor

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Questions are welcome anytime, in class or by e-mail.

COURSE AT A GLANCE



3 credits · 45 hours

One 3-hour class each week



Taught in English

Simple English, mistakes are OK



60% hands-on

We practice more than we listen



No (paper) textbook

Our goal: by Week 15, you will teach a short lesson that uses AI, designed by you.

Today's Roadmap

1



Welcome & introductions

Meet your instructor and your classmates

30 min

2



Getting to know you

A quick, friendly poll, what do YOU want from this course?

30 min

3



Course overview & grading

The 15-week journey, evaluation, and what you need

40 min

4



Hands-on: Say hello to AI

Your first (or hundredth!) conversation with an AI chatbot

50 min

5



Share, wrap-up & preview

What surprised you? Plus a look at Week 2

30 min

... with a 10-minute break in the middle

Introduce Yourself

About 1 minute each, in easy English. Language mistakes are 100% okay here.



Your name

And what you would like us to call you



Home country & language

Where are you from? What languages do you speak?



Your subject

What do you teach, or plan to teach?



One fun fact

A hobby, a favorite food, anything!

Tip: remember one classmate from a different country, you will work together later today.



Getting to Know You

Four quick questions, this is a poll, not a test!

There are no wrong answers. Your answers help me shape this course around what YOU need.

Answer by raising your hand

How often do you use AI tools?

AI tools = chatbots like ChatGPT, translation apps, AI in your phone... Raise your hand for one answer.



Never

And that is perfectly fine. This course starts from zero



Once or twice

You tried it out of curiosity



Sometimes

Maybe once a week, for small tasks



Every day

It is already part of your routine

Why I ask: so I can match the pace of our hands-on activities to your experience, nobody gets left behind.

Which AI tools have you tried?

Raise your hand for every one you have used, multiple answers welcome!



ChatGPT

OpenAI



Claude

Anthropic



Gemini

Google



Copilot

Microsoft



Translation apps

Papago, Google Translate, DeepL...



None yet

Today will be your first time,
welcome!

We will only use free tools in this course, anything you already know is a bonus, not a requirement.

How do you feel about AI in education?

Be honest, every feeling is a good answer. Raise your hand for the one closest to you.



Excited!

I cannot wait to use it in my classroom



Curious

I want to see what it can really do



Cautious

Useful, but we should be careful



Worried

Cheating? Jobs? Privacy? I have concerns

Good news: we will talk about ALL of these this semester, the excitement in Weeks 5–7, and the worries in Weeks 9–10 (AI ethics).

What do you want to learn most?

Choose your TOP 2, then write them (or your own idea) on the slip of paper and hand it in. I will read every one.



Making teaching materials

Worksheets, slides, examples, stories made with AI



Lesson & activity ideas

Fresh ways to teach my subject with AI



Quizzes & feedback

Creating test items and giving faster feedback



How AI actually works

What is happening inside the "black box"?



Safe & ethical use

Privacy, bias, cheating, using AI responsibly



Something else?

Tell me on your paper slip. I read every answer!

Your answers today will shape our Weeks 5–7 and Week 12 (subject-specific case studies).

What Is This Course About?

This course helps you use AI, especially generative AI, in your own teaching, with purpose and good judgment.



Your background is an asset

You will draw on your own language, culture, and subject to explore how AI fits YOUR classroom.



Learning by doing

Every week includes easy hands-on practice: 60% of our time is activities, not lectures.



A real product at the end

You will design and teach a short AI-integrated lesson (micro-teaching, Weeks 14–15).



OUR CORE READING · FREE PDF

UNESCO AI Competency Framework for Teachers (2024)

15 competencies

that teachers need in the AI era

5 dimensions

mindset · ethics · foundations · pedagogy · professional learning

3 levels

Acquire → Deepen → Create

The first global framework of its kind. I will give you the PDF today.

What You Will Be Able To Do

By the end of this course, you will be able to...



Explain how AI works

Understand what AI and generative AI can, and cannot, do



Design AI-integrated lessons

Bring AI into your own subject, appropriately and purposefully



Create materials & assessments

Make teaching materials and quiz items with generative AI tools



Examine AI ethics critically

Think through equity, privacy, and bias in educational AI



Apply AI across cultures

Use AI in classrooms with different languages and cultures

Our 15-Week Journey



Weeks 1–3

Foundations

AI & generative AI basics, AI literacy, the UNESCO framework



Weeks 4–7

Designing with AI

Materials & content, personalization & tutoring, assessment & feedback



Week 8

Midterm Exam

Covers Weeks 1–7 · 25% of your grade



Weeks 9–11

Ethics & Inclusion

Human-centred AI, privacy, bias & equity, multilingual learners



Weeks 12–13

Cases & Projects

Subject-specific case studies, project- & inquiry-based learning



Weeks 14–16

Micro-teaching & Final

Teach your own AI-integrated mini-lesson · Final exam (Week 16)

Semester: Aug 31 – Dec 18, 2026 · Holiday weeks (Chuseok & October holidays) are covered by make-up classes.

How You'll Be Graded



20%

Attendance

Come to class! Follows university rules



10%

Participation

Join discussions & activities, effort counts



15%

Assignments

Small, practical tasks (presentations included)



25%

Midterm

Week 8 · covers Weeks 1–7



30%

Final Exam

Week 16 · covers the whole course

Note: this course uses relative evaluation. Exams focus on understanding and application, not memorizing technical details.

What You Need (Spoiler: Not Much)



A laptop or smartphone

Anything with a web browser works. Bring it every week.



Free AI tools only

No paid subscription, ever. You choose the tools you like.



Reading (PDF)

The UNESCO framework (2024). I will share it today, no textbook to buy.



Curiosity

No coding. No math. No prior AI experience. Just bring questions.

One promise from you: use AI honestly and tell us when you used it. We practice responsible AI use from Day 1.

Say Hello to AI



Step 1 · Open a chatbot

On your phone or laptop, open any free AI chatbot. ChatGPT, Claude, or Gemini. No account? Ask me, or share with a neighbor.



Step 2 · Ask 3 questions

Type the three prompts on the right, in English or in your own language. Copy them exactly or change them. Both are fine!



Step 3 · Read & notice

Read the answers slowly. Is anything surprising? Is anything wrong? Keep the chat open, we will discuss it next.

About 25 minutes · work at your own pace · raise your hand for help anytime

TRY THESE 3 EASY PROMPTS

1

"Please introduce yourself in one short paragraph."

2

"What do you know about my country, _____?"

3

"Explain [a topic I teach] to a 10-year-old."

Fill in the blanks with YOUR country and YOUR subject.

Share & Discuss

Find a partner (ideally from a different country!) and talk for 10 minutes. Then we share as a class.



What surprised you?

Something the AI did better, or worse, than you expected



Did it make mistakes?

Wrong facts about your country? Strange language? AI is not always right!



Your students?

Would your students enjoy this? Would it help them, or worry you?

Remember: noticing AI mistakes is a skill, one of the most important skills in this whole course.

WRAP - UP

Great Job Today! What Comes Next?

TODAY WE...

- ✓ Met each other, and our classmates from around the world
- ✓ Shared what we want & how we feel about AI (thank you!)
- ✓ Learned the 15-week plan, grading, and what to bring
- ✓ Had a real conversation with an AI, everyone did it!

OPTIONAL HOMEWORK (NOT GRADED)

Have one more AI conversation this week, about anything you like. Bring one interesting answer to Week 2.

NEXT WEEK

Week 2

Foundations of AI & Generative AI · AI Literacy



What is really inside the "black box"? (No math, promise)



Why AI sometimes makes things up, and how to spot it



Hands-on: comparing two chatbots on the same question



See you next week!

Thank you for a wonderful first class.

Questions anytime · yoobinnaralisakim@gmail.com

Sources, Changes & Licenses

UNESCO SOURCE

- ✓ AI competency framework for teachers
- ✓ UNESCO / AI competency framework for teachers / ISBN 978-92-3-100707-1 — licensed under CC BY-SA 3.0 IGO.
- ✓ DOI: <https://doi.org/10.54675/ZJTE2084>
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CHANGES & DISCLAIMER

Selected concepts were paraphrased, reorganized, translated, and combined with original classroom activities. The present work is not an official UNESCO publication and shall not be considered as such.

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