AI FOR EDUCATION × FRONTLINE EDUCATION AI Literacy Course Suite

Practical GenAI literacy for every educator, grounded in classroom experience and current research.

About This Suite

This suite prepares K–12 educators to navigate Generative AI (GenAI) with knowledge, confidence, and purpose. Four self-paced courses bring AI for Education's GenAI literacy content into Frontline's Professional Growth platform, each built around the questions educators are already asking in their schools and classrooms: how to use GenAI well, how to use it responsibly, and what it means for their students. Designed to be engaging, practical, and immediately useful, the courses build skills and mindsets that hold up as the technology continues to evolve.

Course 1 is the recommended starting point for the suite. It establishes the shared foundation, common language, and responsible practice framework that makes every subsequent course more effective. Courses 2, 3, and 4 build on that foundation and can be taken in any order. Each includes a brief connection back to foundational concepts, so educators can start anywhere without missing critical context.

Course Overview

Course	Title	Duration	Who It Is For	Why This Course
★1	GenAI Literacy in Practice: The Essentials for Every Educator	120 minutes	All K–12 educators and staff, regardless of experience level	GenAI is already shaping how educators work, and most have had to navigate it without a shared framework or common language. This course provides both. You will leave with a clear understanding of how the technology works, a principled approach to using it responsibly, and practical prompting skills you can apply right away. It is the foundation the rest of the suite builds on.
2	AI Powered Planning: Using GenAI to Plan and Differentiate Instruction	120 minutes	Classroom teachers across all grade levels and subject areas; particularly valuable for instructional coaches and curriculum directors	GenAI can genuinely support the work of planning and designing instruction, and it can also produce outputs that require a critical eye. This course focuses on using it well: building skills for lesson design, differentiation, and assessment that hold up as the technology evolves, without sacrificing professional judgment.
3	Using AI Responsibly: Ethics in Practice for Educators	120 minutes	All K–12 educators and instructional coaches; especially relevant for those ready to move	Responsible AI use in schools involves real considerations around privacy, bias, and equity, and it also opens up meaningful opportunities for reflection and growth. This course moves through both using real classroom scenarios, helping you

			from awareness to practice	develop an approach to responsible AI use that is thoughtful, values-aligned, and grounded in your own practice.
	AI- Ready Students: Teaching Responsible Use and Academic Integrity	120 minutes	K–12 classroom teachers, particularly at the middle and high school level; also valuable for department heads and instructional coaches	Student AI use raises important questions about integrity, learning, and what it means to do your own thinking. It also opens up some of the most interesting conversations happening in classrooms right now. This course gives you frameworks and practical tools to help your students understand, evaluate, and use AI responsibly.

About AI for Education

Our mission is to help educators, schools, and districts expertly navigate AI technology, empowering teachers and ultimately improving student outcomes while preparing them for the future. As a leader in GenAI adoption, training, and guidance development, AI for Education has reached one million educators and students globally and worked with more than 250 academic institutions, including some of the largest school districts in the U.S. and educational institutions across more than 30 countries. Every course in this suite draws on that experience, developed and refined through hundreds of workshops with educators and grounded in both current research and what works in schools and classrooms.

Lead Instructor

Learn from lead instructor, Amanda Bickerstaff, one of the foremost experts in the field. Amanda is the Co-Founder and CEO of AI for Education. A former high school biology teacher and EdTech executive with over 20 years of experience in the education sector, she has a deep understanding of the challenges and opportunities that AI can offer. She is a frequent consultant, speaker, and writer on the topic of AI in education, leading workshops and professional learning across both K–12 and higher education. Amanda is committed to helping schools and teachers maximize their potential through the ethical and equitable adoption of AI.

Connect With Us

To learn more about bringing AI for Education's professional learning to your school or district, visit aiforeducation.io or reach out at info@aiforeducation.io.

Course 1 of 4 | 120 minutes | Self Paced | All K-12 Educators and Staff

Course 1: GenAI Literacy in Practice: The Essentials for Every Educator

About this Course

Whether you have never opened a Generative AI (GenAI) tool or use one every day, this course meets you where you are. You will build a clear understanding of how GenAI works, develop a principled mindset for using it responsibly, and leave with practical prompting skills you can apply right away. This is the shared foundation for everything else in the suite and for your school's broader conversations about AI.

This course is the recommended starting point for the AI for Education × Frontline Education AI Literacy Suite. It establishes the knowledge and framework that makes every subsequent course more effective. Each course in the suite can also be taken independently.

Course Outcomes

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

- Explain how GenAI works, including why outputs vary and why your expertise and judgment remain essential
- Identify what it means to use GenAI safely, ethically, and effectively using the SEE Framework
- Describe the mindsets that shape responsible GenAI use and apply them to real situations in your practice
- Apply AI for Education's Five S Prompting Model to craft effective prompts for professional tasks
- Articulate a concrete action plan for integrating GenAI into your own practice

Course Outline

This course alternates between short video segments and hands-on activities across 120 minutes.

Component	Description
Pre-Course Survey	Identify where you are starting from with GenAI and what you want to get out of this course
What is GenAI?	Explore what generative AI is, how it differs from other types of AI, and the key developments that brought us to today's tools
The SEE Framework	Discover AI for Education's framework for safe, ethical, and effective GenAI use and what each dimension means for your practice
Understanding the Tools Behind GenAI	Examine how large language models generate outputs, including temperature, variability, and hallucinations through a live demonstration.
Mindsets for Effective AI Use	Identify the mindsets that shape responsible GenAI use and apply them to real K–12 scenarios
Prompting in Practice: The 5S Model	Learn AI for Education's Five S Prompting Model, watch it demonstrated live, then write, run, and reflect on a real prompt applied to your own professional context.
Your AI Literacy Toolkit	Access a curated set of resources and reference materials to support your ongoing GenAI practice
Reflection and Action Planning	Reflect on what shifted in your thinking about GenAI, identify concrete next steps, and build a plan for where you want to go next in your practice and through the suite.

Course 2 of 4 | 2 hours | Self Paced | Classroom Teachers, Instructional Coaches, and Curriculum Directors

Course 2: AI-Powered Planning: Using GenAI to Design Better Instruction

About this Course

This course is designed to help you tackle some of your most pressing instructional planning work: improving the materials you have, solving the challenges you are facing, and reaching the learners in your room.You will learn how to use GenAI to generate and pressure-test ideas, get targeted feedback on existing materials, and differentiate resources for the students in your room, with your professional expertise and classroom context guiding every decision. Built for educators who have a foundational understanding of GenAI and are ready to apply it directly to their instructional practice. You will gain concrete strategies you can apply immediately in your planning, a clearer sense of where GenAI adds value and where it does not, and the confidence to make those judgments independently in your own work.

Course Outcomes

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

- Apply the five SEE Framework mindsets to instructional planning decisions involving GenAI and recognize how to apply each effectively
- Apply GenAI prompting strategies to break down a planning challenge, generate multiple approaches, and determine a viable starting point
- Use GenAI to analyze existing instructional materials and make professional judgments about what feedback to act on, adjust, or disregard
- Use GenAI to differentiate and adapt instructional materials for specific learner needs across multiple formats, including text, image, audio, and interactive elements

Course Outline

This course alternates between short video segments and hands-on activities across 120 minutes and is designed to support your use of GenAI tools in ways that align with your district's policies and approved resources.

Component	Description
Pre-Course Survey	Identify where you are starting from with GenAI and what you want to get out of this course
Grounding Your Instructional Practice	Learn what GenAI can and cannot currently do in your instructional planning and identify the three roles it plays across this course
Mindsets for Intentional Planning	Identify the five SEE GenAI Literacy mindsets that shape intentional GenAI use in your planning work and apply them to real K–12 planning scenarios
GenAI as a Thought Partner	Use GenAI to generate, explore, and pressure-test ideas for your own planning challenge and determine where to focus before committing to a direction

GenAI as a Reflective Partner	Use GenAI to get targeted feedback on your existing instructional materials, evaluate what to act on based on your professional knowledge, and recognize and redirect sycophantic responses
GenAI as a Creative Partner	Use GenAI to adapt and differentiate your instructional materials across multiple formats and for specific learner needs in your classroom
Your AI Literacy Toolkit	Access a curated set of resources, research frameworks, and reference materials to support your ongoing application of GenAI in your practice

Course 3 of 4 | 90 minutes | Self Paced | All K–12 Educators and Instructional Coaches

Course 3: Using AI Responsibly: Ethics in Practice for Educators

About this Course

Some of the hardest questions educators face with Generative AI (GenAI) do not have easy answers. Is that image real? Did a student's use of GenAI cross a line? Is it responsible to lean on a tool that carries an environmental cost? What do you say when a student says a chatbot understands them better than their friends or family? This course takes on these emerging challenges: synthetic media and deepfakes, academic integrity, the environmental tradeoffs of GenAI, and AI companionship. Rather than handing you rules to follow, the course uses AI for Education's SEE Framework as a lens for working through situations where trust, integrity, responsibility, and student wellbeing are genuinely at stake. Through real classroom scenarios and current research, you will develop an evidence-based approach to more responsible teaching and learning with GenAI, and leave better prepared to navigate uncertainty, support your students, and make thoughtful decisions you can stand behind.

This course builds on the SEE Framework introduced in Course 1 and is also designed to stand alone. It includes a brief recap of key concepts so educators can start here without missing critical context.

Course Outcomes

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

- Use the SEE Framework's mindsets to navigate GenAI dilemmas
- Evaluate credibility in an era of synthetic media and deepfakes, and respond more responsibly to incidents in your community
- Reframe academic integrity around human judgment and cognitive effort, recognizing the limits of AI detectors and the central role of context
- Weigh the environmental tradeoffs of GenAI use and make intentional decisions about where and how it adds meaningful value
- Support students who turn to AI companions and facilitate honest conversations about trust, integrity, responsibility, and wellbeing

Course Outline

This course alternates between short video segments and hands-on activities across 90 minutes.

Component	Description

Synthetic Media and Deepfakes	Distinguish synthetic media from deepfakes, test how reliably AI-generated content can be detected, and build habits for verifying credibility and responding to synthetic media incidents in your school community
Academic Integrity	Move beyond policing student AI use to focus on thinking and learning, examine research on cognitive offloading and AI detectors, and consider the ethics of your own GenAI use
Balancing Innovation and Responsibility	Look behind the scenes at what powers GenAI, explore its environmental footprint, and weigh its benefits against its costs
AI Companionship	Understand how and why students form relationships with AI companions, impacts on student wellbeing, and how to support students who use AI for connection and comfort
Reflection and Action Planning	Articulate what shifted, identify concrete next steps, and choose your path through the suite
Your AI Literacy Toolkit	Access a curated set of resources and reference materials to support your ongoing GenAI practice

Course 4 of 4 | 90 minutes | Self Paced | K–12 Classroom Teachers, Department Heads, and Instructional Coaches

Course 4: Your Students Are Using GenAI: Here's How to Guide Them

About this Course

Students are already using generative AI (GenAI). Many are using it daily, and often without guidance from a knowledgeable adult. As a result, students are left exposed to GenAI's risks for thinking and learning without receiving its benefits. GenAI is a powerful technology that students should not be left to navigate on their own. This course gives you the research, frameworks, and ready-to-use resources to guide students toward GenAI-literate decision-making they can carry into any situation, at school and at home.

This course is designed to stand alone. If you are newer to GenAI, we suggest starting with Course 1, "GenAI Literacy in Practice: The Essentials for Every Educator," which builds the foundational knowledge this course draws on. It is not required.

Course Outcomes

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

- Explain the growing need for student GenAI literacy by examining workforce, policy, and research data ● Recognize common patterns and behavioral profiles in student GenAI use, and what that diversity means for teaching GenAI literacy
- Describe why mindsets are necessary for students to make informed decisions about their own GenAI use ● Apply the SEE Framework's knowledge, mindsets, and practices to a realistic student GenAI scenario ● Plan a class agreement that gives students a hand in shaping the norms around GenAI use in your classroom

Course Outline

This course alternates between short video segments and hands-on activities across 90 minutes.

Component	Description
Why It Matters: The Case for GenAI Literacy	Examine the key research, policy, training, and workforce data about students and GenAI that establish a clear need for GenAI literacy
Where Students Are Now: Usage vs Literacy	Explore how students are actually using GenAI, why confidence with GenAI is not the same as literacy, and nine evidence-based profiles of student GenAI users
Defining GenAI Competency	Learn how AI for Education's SEE Framework defines GenAI literacy and apply its five mindsets to a student who is over-relying on GenAI

Applying GenAI Literacy: The SEE Snapshot

Action Planning: Class Agreements
Use the SEE Snapshot to trace how knowledge and mindsets shape the practices a student or educator chooses at a real decision point

Plan a class agreement that builds shared commitments around GenAI use with your students rather than handing them a set of rules

Reflection and Shared Responsibility	Reflect on your thinking, identify concrete next steps, and consider where your classroom sits within a wider, shared culture of GenAI literacy

Your AI Literacy Toolkit
Access a curated set of resources and reference materials to support your ongoing GenAI practice