AI/Canva Professional Development Course

2 days / 16 hours
Course Designed by: Kristy Owens, STEM PROS™

Course Description

This immersive 2-day course is designed to empower educators with practical strategies for using free AI tools and Canva to streamline lesson planning, create engaging resources, and manage their classrooms more efficiently. Through hands-on practice and real-world applications, teachers will discover how to reduce workload and save time while enhancing the quality of their instruction and fostering a more engaging, creative learning environment. Participants will leave with the skills to integrate AI and Canva into their classrooms, connect with a collaborative network of educators to exchange lesson ideas and feedback, and gain **exclusive access to the course Google Classroom** to continue their learning.

Key Takeaways:

- Hands-on experience with AI tools for generating lesson plans, quizzes, educational content, and more.
- Proficiency in using Canva to design visually appealing educational materials.
- Strategies for aligning AI-generated content with educational standards using the 5E Instructional Model and the "Activity Before Content" approach.
- Techniques for saving time through efficient workflows.
- Access to a tried-and-true list of free AI resources specifically designed for educators.

Target Audience

K-12 school teachers, instructional coaches, and administrators who are seeking innovative solutions to streamline lesson planning, manage multiple subject preparations, and reduce workload using AI and design tools.

Course Goals

This 2-day professional development course is designed to:

- Introduce educators to free AI tools for efficient lesson planning and content creation to save time and reduce workload.
- Develop basic proficiency in Prompt Engineering to craft effective AI prompts that generate high-quality, relevant classroom content.
- Develop basic proficiency in Canva for creating visually engaging and effective educational materials.
- Integrate the 5E Instructional Model and "Activity Before Content" approach with AI-generated resources to enhance instructional design.
- Provide strategies for evaluating and refining AI-generated content to ensure its accuracy, relevance, and alignment with educational standards.

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Learning Outcomes

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

- Craft targeted, effective prompts to generate content tailored to classroom needs using AI tools.
- Design professional-quality slide decks, worksheets, and infographics using Canva.
- Align AI-generated lesson plans with educational standards using the 5E Instructional Model and the "Activity Before Content" approach.
- Critically assess AI-generated content for accuracy and applicability in the classroom.
- Create engaging images and visual content to enhance lesson delivery.

Required Course Materials

- Laptop or tablet with internet access
- Gmail account (to access Canva and AI tools)
- **Canva account (free or Pro)** – Participants should have an account set up <u>before</u> the course
- **ChatGPT account** – Instructions for free sign-up will be provided if needed
- Access to relevant educational standards for their grade/subject
- Notebook or digital note-taking tool (optional but recommended)

Grading

To receive full credit, all participants must:

- Attend all sessions and actively participate in hands-on activities.
- Collaborate with peers to design and present an AI-enhanced lesson plan and accompanying educational materials using Canva.

Documentation, including sign-in sheets and certificates of completion, will be provided to schools and certifying organizations upon successful completion of the course.

Homework Assignment

Participants have the option to complete a homework assignment where they can use an AI tool to generate a full 5E lesson plan and enhance it using Canva. If they choose to complete the assignment, they can upload it to the course's Google Classroom before the start of Day 2 for review.

Classroom Use of Course Materials

All participants are authorized to access lesson plans, demonstration design plans, the Google Classroom for this specific course, and resources provided after the completion of this course to use in their own classrooms and schools. Some resources and design plans from this course are subject to copyright laws and may **not** be reproduced outside of a participant's school, may **not** be posted to a website, and may **not** be used for future monetary gain.

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Class Schedule*

Day One	Start	End	
Morning	8:30 AM	9:00 AM	Welcome & Icebreaker: The Weight of Teaching
Session	9:00 AM	9:15 AM	Why AI & Canva? The Future of Teaching is Here
	9:15 AM	9:30 AM	AI Myths Busted: Separating Fact from Fiction
	9:30 AM	10:30 AM	Prompt Engineering & The Power of AI
	10:30 AM	10:45 AM	AI in Action: Rapid-Fire Demos
	10:45 AM	12:00 PM	ChatGPT in Action: Small Group Challenge
	12:00 PM	12:30 PM	Lunch
Afternoon	12:30 PM	2:00 PM	Canva Overview: What It Is & Why It's a Game-Changer
Session	2:00 PM	3:00 PM	Canva Confidence: Create & Take
	3:00 PM	4:00 PM	Integrating AI & Canva: The Power Duo
	4:00 PM	4:30 PM	Canva Creations Spotlight
	4:30 PM	5:00 PM	Looking Ahead: Applying What You've Learned

Day Two	Start	End	
Morning	8:30 AM	9:00 AM	Jumpstart Day 2: Curipod in Action
Session	9:00 AM	9:30 AM	AI in the Classroom: Ethics & Safety Made Simple
	9:30 AM	10:15 AM	Fact or Fiction? Evaluating AI-Generated Content
	10:15 AM	10:45 AM	AI in Action: Interactive Challenge
	10:45 AM	12:00 PM	Deep Dive: AI & Canva Power Moves (Advanced Tools & Features)
	12:00 PM	12:30 PM	Lunch
Afternoon	12:30 PM	1:30 PM	AI Tool Carousel
Session	1:30 PM	2:30 PM	AI Playground: Hands-On Exploration
	2:30 PM	3:00 PM	ChatGPT in the Classroom: Student Edition
	3:00 PM	4:15 PM	Final Creation Session: Build, Apply & Innovate!
	4:15 PM	4:45 PM	Showcase & Celebration
	4:45 PM	5:00 PM	Your AI & Canva Game Plan: Next Steps for Success

*We reserve the right to modify the schedule to add additional activities not scheduled, as time permits, to meet the needs and requests of participating teachers.

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Free AI Tools Highlighted

- **ChatGPT (OpenAI - Free Version):** Generates human-like text for lesson planning, discussion prompts, student feedback, and more.

- **MagicSchool AI:** Tailored for educators, providing AI-generated lesson plans, rubrics, IEP support, and differentiation strategies. Also includes AI tools to personalize learning experiences for students.

- **Diffit:** AI-powered tool designed to assist teachers in creating differentiated learning materials. Adapt any text, video, or website content to different reading levels.

- **Eduaide.AI:** AI-powered platform designed to assist teachers with lesson planning, content creation, and instructional design. It provides a range of tools to help save teachers time.

- **Perplexity AI:** A research-focused AI assistant that provides sourced responses, making it great for fact-checking AI-generated content and gathering reliable information.

- **Consensus AI:** An AI-powered academic search engine designed to help researchers and students quickly find and understand academic research papers.

- **Curipod:** Generates interactive lessons, including discussion prompts and collaborative activities.

- **EdPuzzle AI:** Uses AI to generate questions, summaries, and quizzes from videos for interactive learning.

- **SchoolAI:** AI tool for teachers to generate materials, personalized chatbots, or sidekicks for students to learn more about different subjects.