

Artificial Intelligence Partnership: Google and the Iowa Department of Education



Google recently announced a partnership with the Department to offer [Google Career Certificates](#) and AI Essentials to students and faculty at Iowa's K-12 schools and 15 community colleges at no cost. Students, educators and community college faculty across the state can now access Google Career Certificates, which help individuals gain career-ready skills in high-demand fields, including cybersecurity, data analytics, IT support, project management, digital marketing and e-commerce and UX design.

In addition to the certificates and courses, Iowa students, educators and community college students and faculty will also have no-cost access to Google's [AI Essentials](#), a multi-module course designed to increase understanding of AI with hands-on activities based on real-world scenarios. Participants will build real-world skills needed to succeed in today's rapidly evolving digital landscape. Additional information will be relayed as this partnership continues to develop.

Google Career Certificates

Google Career Certificates help prepare learners for careers in high-growth fields. Each of the foundational Google Career Certificates includes AI content to help learners gain practical, field-specific AI skills. This learning is 100% online and self-paced and intended to take three-six months to complete.

Options include:

- Cybersecurity
- Data Analytics
- Digital Marketing & E-commerce
- IT Support
- Project Management
- UX Design

Taught and designed by Google experts with decades of experience, all of our training is vetted by top employers and industry partners to meet workforce needs.

More Information

[This document](#) has more information about Google Career Certificates, as does the [Google AI Essentials webpage](#). The learning is run through Coursera and is free for Iowa schools with CTE programs.

Sign Up

To sign your school up for Google Career Certificates, fill out [this form](#) at Coursera.

Google Courses

Google Courses help learners gain valuable competencies to add a skill to their resume, apply a new skill to uplevel their work, or simply learn something new, in 5-7 hours. The courses use Gemini for the learning but the skills are applicable to any generative AI tool.

AI Essentials

The AI Essentials course is intended to help the user integrate AI into workstreams boosting productivity. Students will learn:

- How to use generative AI to develop ideas and content, make more informed decisions, and speed up daily work tasks
- Write effective prompts
- Use AI responsibly
- AI literacy
- Critical thinking
- Problem solving
- Iterative thinking

[This document](#) discusses the key competencies and skills learning in the AI Essentials course. You can also explore the [full curriculum guide](#).

Prompting Essentials

The Prompting Essentials course helps users more effectively prompt generative AI tools to save time and simplify tasks. Students will learn:

- Advanced prompting techniques
- Meta-prompting, chain of thought prompting, and tree of thought prompting
- Prompt design
- Prompt evaluation and iteration
- Multimodal prompting
- Responsible AI

[This document](#) discusses the key competencies and skills learning in the AI Essentials course. The [Educator Guide](#) gives more specifics about content and implementing the course with your students.

Sign Up

To sign your school up for Google AI Essentials or Prompting Essentials courses, fill out [this form](#) at Coursera.

Generative AI for Educators

The Google AI Partnership has something for teachers too! This two-hour, online and self-paced training for teachers was designed by AI experts at Google in collaboration with [MIT RAISE](#). The training provides a foundational understanding of AI, the opportunities and limitations of AI and how to use it responsibly. Teachers will learn how to use generative AI tools to:

- Save time on every day tasks
- Personalize instruction
- Enhance lessons and activities

[Learn more about the training and enroll.](#)

Questions

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