

Course Title: Artificial Intelligence

Instructor's name, email, and office hours will be provided by the school

Course format

All activities are online

Course prerequisites

None

Course overview

This course teaches what every student should know about Artificial Intelligence. AI is a fast-moving technology with impacts and implications for both our individual lives and society as a whole. In this course, students will get a basic introduction to the building blocks and components of artificial intelligence, learning about concepts like algorithms, machine learning, and neural networks. Students will also explore how AI is already being used, and evaluate problem areas of AI, such as bias. The course also contains a balanced look at AI's impact on existing jobs, as well as its potential to create new and exciting career fields in the future. Students will leave the course with a solid understanding of what AI is, how it works, areas of caution, and what they can do with the technology.

Course outline by module

1. Define key business and financial terms related to artificial intelligence (AI), algorithms, machine learning, and AI applications
2. Differentiate between AI, machine learning, deep learning, and neural networks
3. Evaluate key AI applications
4. Describe how AI is designed and how people interact with AI
5. Examine areas of potential bias built within AI applications, and how they can have harmful effects on society
6. Discuss the possible career paths within the field of AI
7. Explain the impact of the AI on the future of jobs and the workplace

Getting help

It is important to seek help if you have trouble understanding course materials or encounter technical problems. Depending on the situation, questions can be addressed to your instructor or your school's help desk. For Learning Management System-specific questions, find the support email or phone number on your Learning Management System's website. For course-specific questions or issues, please email support@pointfuleducation.com

Netiquette

- Never write anything in the course that you wouldn't be comfortable printing in your local newspaper to be read by all your friends and family.

- Use appropriate emoticons (emotion icons) to help convey meaning. Use "smiley's" or punctuation such as :-) to convey emotions.
- Avoid sarcasm. People who don't know you may misinterpret its meaning.
- If you get upset by a message, take a little break. Don't respond when you're angry. Take a little while to think about it first!
- Keep posts to the point. Keep messages concise—about one screen, as a rule of thumb.
- Use appropriate language:
- Avoid coarse, rough, or rude language.
- Observe good grammar and spelling.
- Use appropriate intensifiers to help convey meaning.
- Avoid sentences typed in all caps.
- Use asterisks surrounding words to indicate italics used for emphasis (*at last*).
- Use words in brackets, such as (grin), to show a state of mind.
- Use common acronyms (e.g., LOL for "laugh out loud").
- Always be polite. Remember, you're dealing with real people, not just words on a screen.

(Sources: <https://www.education.com/reference/article/netiquette-rules-behavior-internet/> and Kipp, K., & Patrick, S. (2013). *Teaching on the education frontier: instructional strategies for online and blended classrooms: grades 5-12*. San Francisco, CA: Jossey-Bass.)

Plagiarism

Be careful to avoid plagiarism. All plagiarized assignments will receive a zero and could have further disciplinary actions. When in doubt, cite the source or don't use it. Ask your instructor if you need assistance on citing sources or paraphrasing.

Companies mentioned in the Course

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