

The University of Arizona
College of Applied Science and Technology
CSCV 471. Artificial Intelligence
Homework Assignment 1. Introduction to Artificial Intelligence

Objectives

- *Understand the definition of Artificial Intelligence*
- *Understand the history of AI*
- *Understand the areas that inspired or furthered the development of AI*

Instructions

In this assignment you will have to write an essay (1200-1500 words not counting the title page and references page) discussing the following topics:

1. From your point of view, what is AI? (Please use your own words to describe AI but cite and reference specific authors who influenced your point of view).
2. Also, address the different disciplines that contributed to the development of the field of AI with ideas, point of views, and techniques. and explain how those areas influenced the development of the field of AI.
3. Discuss some of the most influential individuals in several AI areas and explain how they furthered our understanding of, and implementation of, new applications of AI.
4. Finish by discussing what you find to be the most inspiring and interesting area in the applications of AI today.

Quick Note: *You must cite at least 5 different references in your assignment, and you can use a video or web page as a reference too. Your references should go on a separate page at the end of your essay, and you must use APA format for all references (look up the correct APA format for different types of references such as books, articles, websites, and videos).*

Submission Instructions

Type your essay and submit it in a Word (.docx) or PDF (.pdf) document. It should have your name on the title page. What you submit should be your own original work.

Minimum of 5 references required. Use APA format for all references and citations (**at least 3 of your references must be recent sources from 2022 or 2023**).

AI Policy: While this is a course about AI and we will be using various AI tools later in the class, you are expected to write your own original essay for this assignment and not use generative AI language tools (such as ChatGPT) to write this essay for you. ChatGPT has a distinctive writing style (due to the algorithms it follows) which is easy to recognize, and it tends to produce bland and generic essays. I guarantee you will earn a better grade by writing your own original essay!

Grading Criteria

Total 70 points

1. Quality of Analysis of the Essay's Assigned Topics: 30 points
2. Originality: 10 points
3. Readability and Grammar: 10 points
4. Use of Outside Sources and APA Citations/References: 20 points