# *Advanced Topics in Computer Science I*

# *Assignment 2A – Research – Class Topic*

Date assigned: Friday September 26, 2025

Date due: Monday September 29, 2025

**Learning Objectives**

Upon successful completion of this assignment, the student will be able to:

* Synthesize relevant information from technical articles, and
* Participate as a respectful member in a technical debate.

**Research Project**

In preparation for your individual research presentation, the purpose of this assignment is to read technical articles on a topic, discuss them as a class, and synthesize the information.

1. Read the following three articles. While reading, make notes of the key points in each article. Submit these notes to Moodle by the **start** of class on Monday September 29th, 2025, in a file called **yourUserId\_G40\_A02A\_Research\_Notes**.

[The Wellness Industries Risky Embrace of AI Driven Mental Health Care](https://www.brookings.edu/techstream/the-wellness-industrys-risky-embrace-of-ai-driven-mental-health-care/)

[AI Fueled Delusions](https://www.cbc.ca/news/canada/ai-psychosis-canada-1.7631925)

[Bias in AI Screening of Resumes](https://www.brookings.edu/articles/gender-race-and-intersectional-bias-in-ai-resume-screening-via-language-model-retrieval/)

1. At the start of class on Monday September 29th, 2025, there will be a short quiz to review key technical writing guidelines.
2. After the quiz there will be a class discussion on the articles and the main questions and points that these articles raise. Participation in this discussion contributes to your mark in this assignment – refer to the marking scheme at the end of the assignment. All students are expected to participate in an approximately equal manner.
3. Following the discussion, write a summary of the findings from these articles. Submit the summary to Moodle in a file named **yourUserId\_G40\_A02A\_Research\_Summary.**  The summary must:

* be no longer than two pages in length, single-spaced, not including works cited,
* include an introduction and a conclusion, and
* include a works cited page to source your references using MLA format. The [Heritage College library](https://cegep-heritage.libguides.com/citations/mla) has a good reference for MLA.

**To submit**

1. On Monday September 29th, 2025 (by start of class at **10AM**), submit your notes. **No late submissions will be accepted**.
2. On Monday September 29th, 2025 (by end of the day @11:59PM)), submit your summary. **No late assignments accepted.**

**Marking Scheme**

|  |  |
| --- | --- |
|  | **Out Of** |
| **Notes/Preparation and Class Discussion** |  |
| Research Notes – key points captured on all three articles in clear, bullet form. | 15 |
| Class Discussion – present for the full discussion (not late), clearly demonstrates knowledge of articles, participates in discussion by voicing opinions and asking questions. | 10 |
| **Research Summary** |  |
| Introduction summarizes articles and overview. | 3 |
| Content – appropriate extraction of key points. | 16 |
| Conclusion – main points are restated. | 3 |
| Works Cited according to MLA format. | 3 |
| English – proper spelling, grammar, and punctuation. Technical writing, no casual descriptions or informal diction, | 5 |
| Technical Writing Tutorial completed in class on September 22nd, 2025. | 5 |
| Lecture quiz September 22nd, 2025 | 5 |
| Quiz on technical writing September 29th, 2025. | 5 |
|  |  |
|  |  |
| **Total** | 70 |