**Self-Reflective Grading**

**Weekly Worksheet**

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| --- | --- |
| **Name** | **Weeks** |
| Becca Salzer | 1 2 3 4 5 6 7 8 9 10 |

List what you consider to be the most important **topics** for this reflective period. For each topic, describe **how you practiced** understanding the material.

*Common ways: attending class, participating in class, surface reading, careful reading, practice problems, homework problems, discussions with peers, discussions with professors.*

Mabe 2 – attending class, participating in class, discussions with peers, plan to practice outside of class today before Tuesday.

Ethics in AI and AL – class discussion, careful reading, discussions with peers and professors, attending class

Neural Networks – discussions with peers, attending class, practice problems in class, careful reading

For each topic, give a 1-2 sentence explanation of **why this topic is covered in this course** and **how it connects to previous topics**, either in this course or in other courses you have taken.

MABE 2 is being covered because it is what everyone will be using in some ways or their final project. It is a software framework that allows the users to run AL algorithms. We need to understand how it works so we can use it and make changes.

Neural Networks are being covered as part of the AI section of the class. AI and neural networks include many things such as image and text creation software. They are very popular currently in the field of artificial development, so we are studying them.

In such a fast growing field that uses so much data the ethical implications of new developments are very important to consider. They are often under considered in the field of stem. Therefore, it is important when learning about these new technologies that we also learn about the ethical considerations that come with them, especially if we intend to be doing work using these technologies in the future.

List **all major topics/concepts/ideas** from the course so far and note whether you feel you have mastered the topic **(M)**, are proficient in the topic **(P)**, or are still a novice in the topic **(N)**. You can sort these however makes sense for you and your brain.

Evolutionary algorithms in c++ (P)

C++ generally (P)

Evolutionary algorithms (P)

Selection methods (P/M)

Evolution (M)

Fitness (M)

Neural Networks (P)

Ethics in AI (P/M)

MABE 2 (N/P)

Based on your current understanding of the course topics and what you have done to practice them, what would you assign for a **letter grade** at this point in the term?

A-/A I’ve been putting in the time needed outside of class to better understand the ideas and therefore show up to class prepared. I would like to work on taking better notes in class over the next two weeks.