Artificial Intelligence as a Teaching Assistant EDU 5900-11
January 21 – January 31, 2025 with completion of the final project by 2/7/25

Course Description:

"Artificial Intelligence as a Teaching Assistant" is an online asynchronous course designed for educators eager to harness the potential of artificial intelligence as a practical source of help in the classroom. This course offers an overview of artificial intelligence with a specific focus on AI tools designed for educators.

Throughout this 2-week program, participants will explore the fundamentals of AI and its various forms and functionalities, particularly in educational contexts. The course is structured to provide an understanding of how AI can enhance the design, delivery, and assessment of activities through the exploration of many AI tools built specifically for teachers.

Key concepts covered in the course include:

- AI Basics for Educators: Understand the basics of AI with an eye on the ethical considerations and biases inherent in AI.
- Curriculum Integration: Learn how to integrate AI tools into your lesson plans across different subjects, enhancing student engagement and learning outcomes.
- Practical AI Tools for Lessening the Workload: Discover and apply AI tools for differentiation, assessment, and classroom tasks while freeing up valuable time for more interactive teaching and, perhaps, even a better work-life balance.

Our asynchronous course will include readings, videos, and group discussions. Participants will be asked to experiment with various AI teaching tools, choose one to explore in-depth, and then share with their classmates in a defense of the tool. The final project asks you to choose one AI topic to focus on in more detail, demonstrate your new understanding, and set goals for future learning. Upon completion, educators will gain a repertoire of skills and resources to potentially help make their lives easier!

Course Format

This course will be offered online through Canvas, Molloy's learning management system. The course will open one week before the start date and close one week after the last day of class. This section is offered January 21 – January 31 with an extra week to complete the final project. All assignments must be submitted by February 7, 2025.

Grading:

- 20% Knowledge Checks
- 45% Discussions/ Participation
- 35% Final Project

Instructor and Contact Information:

Madeline Craig is an associate professor of education at Molloy University. She also serves as the Technology Integration Coordinator and teaches undergraduate and graduate courses in the foundations of education, critical issues in education, and educational technology. She holds an Ed.D. from Teachers College, Columbia University, and an M.F.A. from Adelphi University. Madeline is an ISTE-certified educator and trainer. In addition, she is a Google for Education Certified Educator (levels 1 and 2) and serves as an ambassador for numerous edtech products such as *Book Creator*, *Wakelet, Nearpod*, *Curipod*, *MagicSchool,* and *Diffit*. In 2023, she won the Innovative Course Design Award at Molloy University and a Brandon Del Corvo Classroom Grant from NYSCATE. Her research interests include using instructional technology in higher education and K-12, project-based learning, artificial intelligence tools for teachers, and technology integration for teacher candidates and faculty. She serves on the Advisory Board of *The Teaching Professor Conference*, *The Teaching Professor Online Conference (TPOC),* and *The Maurer Foundation for Breast Health*.

If you have questions, please do not hesitate to email Dr. Madeline Craig at mcraig@molloy.edu.