SUFFOLK UNIVERSITY
Center for Teaching & Scholarly Excellence

EDUCATING IN THE ERA OF AI:

An asynchronous, online course for college instructors.

COURSE OVERVIEW:

In this course, you'll explore ways to address the emergence of generative AI technology in your classroom. Through lectures, interactive modules, and engaging activities, you'll have the chance to apply time-honored research in the science of teaching and learning to new or redesigned learning experiences in your unique teaching context.

COURSE OBJECTIVES:
- Evaluate the benefits and challenges of Generative AI's impact on teaching & learning.
- Critically analyze and address misconceptions about Generative AI in the classroom.
- Identify best practices to effectively implement Generative AI in teaching.
- Analyze the role of the instructor as a facilitator and curator in an AI-enhanced learning environment.
- Apply strategies to design AI-integrated assignments that enhance critical thinking and responsible AI use.
- Develop assessment methods to evaluate student engagement with AI-generated work.
- Recognize potential applications of AI in designing course materials.
- Curate an 'evergreen' collection of AI resources relevant to both general applications and specific disciplinary contexts.

Module	Description	Objectives	Assignments
Module 1: Getting Started	This quick, mini module will introduce the themes of the course, while overviewing how best to navigate it.	1. Identify key features and goals of this course 2. Curate resources on introductory supporting topics	N/A
Module 2: Staying in the Loop	Learn the tips and tricks for getting the most out of AI tools while remaining 'the human in the loop.'	1. Describe the strengths of Generative AI technology specific to planning, analysis, and framing. 2. Identify the current limitations of AI in finding accurate information. 3. Explain the importance of attaching or pasting sources to calibrate and focus output while managing hallucination. 4. Explain best practices in editing AI outputs to optimize their value.	"Attaching Critical Sources to GenAI chats"

Module 3: Managing Issues of Integrity	Address student misuse of AI by exploring the research surrounding cheating and cheating prevention.	1. Interrogate the idea that AI-generated work has distinctive, easy-to-identify qualities. 2. Analyze notions that AI cannot be applied to certain disciplines based on the technology's perceived limitations. 3. Articulate the risk of inaccurate AI-use accusations with regards to equity, engagement, and retention. 4. Apply established research on the causes of cheating to an AI-driven context 5. Identify elements of effective AI-policy in individual classrooms 6. Identify suggested classroom exercises and assignments to manage AI-misuse in specific disciplines. 7. Identify and document reliable resources for transferable AI-policy and classroom management activities.	"Try out your assignment using AI" "Create an AI in the Classroom Action Plan"
Module 4: Assigning AI	Explore ways to intentionally assign AI as a means to enhance, not replace, learning.	1. Apply strategies to design AI-integrated assignments that enhance critical thinking and responsible AI use. 2. Describe the strengths of Generative AI technology specific to planning, analysis, and framing. 3. Explain the importance of aligning assignment learning objectives to chosen AI applications. 4. Apply up-to-date strategies to collect 'proof of process' from student's using AI. 5. Compare the assessment of general critical thinking skills to the assessment of AI-use.	"(Re)Design an Assignment" "Design an Activity" "Develop a Resource"

Please contact ctse@suffolk.edu for any questions regarding this resource.