



# CAE Lecture Series



**22 January 2025**

**(1 pm EST)**

**Greg Gogolin, Ferris State University, Steps it took to build an undergraduate AI program and produce graduates in 2024**

**(2 pm EST)**

**Andrew Gurbaxani, Gwinnett Technical College, Cybersecurity Awareness for Vulnerable Populations**

Mark your calendars and come join your colleagues in the CAE community for the CAE Lecture Series.

CAE Lecture Series are free and conducted live in real-time over MS Teams so no travel is required. NSA's

CAE PMO office hosts the presentations via MS Teams which employs slides, VOIP, and chat for live

interaction. Just click on the link and enjoy the presentation(s).

**Abstract 1 pm EST:** There is considerable focus on AI within the CAE community. The past year has seen several focus groups developing knowledge units for the use of AI in cybersecurity and securing AI. Ferris State University created a Bachelor of Science in AI in 2020 and has produced graduates. This presentation will be to go through the process of creating the AI degree including resource needs and faculty training. The decision points regarding what classes to include, the thought process behind their sequencing and prerequisite decisions, the classroom experience in delivering the courses, student feedback, lessons learned, and the most significant challenges and worries. The hope is that this presentation will provide a roadmap for other institutions that are considering offering an AI degree, AI courses, or just seeking background knowledge.

**Abstract 2 pm EST:** As awareness of the importance of cybersecurity gains mainstream attention, threat actors are increasingly focused populations at both ends of the age spectrum. Both youth and elderly have common behavioral characteristics: less experience with digital technology than working adults, in general less sophistication with technology, naivete, and a trusting nature. These behaviors are targets for threat actors, who can make easy marks of these populations through exploiting their inherent frailties. It is therefore a high priority to educate these populations regarding threat actor behavior and attack vectors (e.g., "grandparent scam"). AI deepfakes are upping the ante in this regard. We will discuss

existing and emerging programs (e.g., ISC2 “Safe and Secure Online”) for providing security awareness to these populations, including Gwinnett Tech CIS outreach activities (past, present, and future) to vulnerable populations in our community.

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**Note: This Lecture series cannot be recorded/posted online, we encourage you to attend live.**