

ARTIFICIAL INTELLIGENCE RESEARCH AND CRITICAL INFORMATION SKILLS CERTIFICATE OF PROFICIENCY



Academic & Career Pathway

Science, Technology,
Engineering, & Math (STEM)



Students will develop critical research and evaluation skills using a range of digital tools, including artificial intelligence (AI), library databases, and open-access repositories. The program will build students' confidence in evidence-based reasoning and familiarity with emerging and traditional sources. Expanding on foundational library research abilities, students will examine AI through the lens of information literacy and personal research agency. Topics such as user privacy, data commodification, intellectual property, and misinformation will be addressed. These skills will serve students' academic endeavors and are transferable to any workplace where access to high-quality, trustworthy information is essential.

Upon successful completion of this program, students will be able to:

1. Demonstrate expert search strategies and knowledge of a wide landscape of sources when conducting a research inquiry.
2. Apply advanced search strategies and refine research questions to effectively navigate traditional and emerging sources.
3. Produce dependable evidence when needed in support of a task or research question.

Code	Title	Units
LIB-110	Foundations of Information and Artificial Intelligence Literacy	1
LIB-120	Responsible AI for Student Researchers	1
Total Units		2

Any student who chooses to complete the requirements listed above qualifies for a Certificate of Proficiency in Artificial Intelligence Research and Critical Information Skills. An official request must be filed with the Admissions and Records Office before the deadline as stated in the Academic Calendar.