

**35618**  
**ADOPTED – BOARD OF TRUSTEES**  
**COMMUNITY COLLEGE DISTRICT NO. 508**  
**OCTOBER 9, 2025**

**BOARD OF TRUSTEES OF COMMUNITY COLLEGE DISTRICT NO. 508**  
**COUNTY OF COOK AND STATE OF ILLINOIS**

**RESOLUTION**  
**APPLICATION FOR NEW PROGRAMS**  
**ADVANCED CERTIFICATE AND ASSOCIATE IN APPLIED SCIENCE IN ARTIFICIAL**  
**INTELLIGENCE AND MACHINE LEARNING DEVELOPMENT**  
**OFFICE OF ACADEMIC AFFAIRS**  
**DISTRICT WIDE**

**WHEREAS**, new educational programs require approval of the Board of Trustees of Community College District 508, the Illinois Community College Board (ICCB) and the Illinois Board of Higher Education (IBHE); and

**WHEREAS**, an application for approval of the City Colleges of Chicago Advanced Certificate and Associate in Applied Science in Artificial Intelligence and Machine Learning Development has been received and is under review by the Joint Curriculum Development Council for submission; and

**WHEREAS**, the Advanced Certificate and Associate in Applied Science in Artificial Intelligence and Machine Learning Development will prepare graduates for high-demand careers as AI technologists, with the option to continue into bachelor's programs. These roles require specialized expertise in artificial intelligence and machine learning, which are increasingly critical across industries such as finance, healthcare, education, e-commerce, and government. The rapid adoption of AI technologies is driving demand for professionals who can automate processes, analyze complex data, and lead innovation. Many of these AI-specific roles remain difficult to fill due to a shortage of qualified candidates, highlighting the urgent need for new talent trained in this field; and

**WHEREAS**, labor market data shows strong and growing demand for technologists with skills related to AI and machine learning, with nearly 750 unique job postings over the past 12 months requiring these skills at a median advertised salary of \$106,200 annually. The demand for AI-related skills in the job market is projected to grow at a much faster rate relative to other labor market skills. (Lightcast, August 2025).

**NOW THEREFORE BE IT RESOLVED**, that the Board of Trustees of Community College District No. 508, County of Cook and State of Illinois, hereby approves the submission of this program for permanent approval by the Illinois Community College

Board and Illinois Board of Higher Education, pending completion of Proposed Academic Curriculum Changes (PACC) process per Academic Policy 9.02.

**October 9, 2025 – Office of Academic Affairs**