

**33441**

**ADOPTED – BOARD OF TRUSTEES  
COMMUNITY COLLEGE DISTRICT NO. 508  
MAY 10, 2018**

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

**RESOLUTION  
APPLICATION FOR NEW PROGRAM  
WILBUR WRIGHT COLLEGE  
ADVANCED CERTIFICATE IN COMPUTER NUMERICAL CONTROL (CNC) MACHINING  
OFFICE OF ACADEMIC AND STUDENT AFFAIRS**

**WHEREAS**, 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);

**WHEREAS**, an application for approval for new College to Careers program comprising an Advanced Certificate for Computer Numerical Control (CNC) Machining at Wright College, has been received and has been appropriately reviewed by members of the PACC for submission; and

**WHEREAS**, the Industry for Manufacturing Services affords multiple career paths and employment opportunities, which include occupations such as Computer Numerical Control (CNC) Machine Operators. The skills gap in manufacturing is widening as the economy grows, and the demand for entry level CNC operators, machinists, and programmers is large. It is estimated that there are over 3,000 manufacturing openings in the Chicagoland area annually.

**WHEREAS**, This Advanced Certificate is designed to provide students with technical skills in machine tool setup and operation, both manual and computerized, and an introduction to CNC programming. Students also learn precision measurement, print reading, and quality assurance concepts. They will have the technical foundation to work as production machine operators with a variety of machines (CNC lathes, CNC mills, manual lathe and mill and surface grinder, CNC laser cutters, CNC turret presses for sheet metal fabrication). Having training in safety and machine operations, they will also be candidates for jobs operating other production machinery such as food processing equipment, metal or plastic molding machines, progressive stamping lines, and automated assembly equipment.

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

**May 10, 2018 – Office of Academic and Student Affairs**