

32642
ADOPTED – BOARD OF TRUSTEES
COMMUNITY COLLEGE DISTRICT NO. 508
MAY 7, 2015

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

RESOLUTION
APPLICATION FOR NEW PROGRAM

COMPUTER NUMERICAL CONTROL (CNC) MACHINING
BASIC CERTIFICATE
WILBUR WRIGHT COLLEGE
OFFICE OF ACADEMIC AFFAIRS

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);

WHEREAS, an application for approval of a new College to Careers program comprising a Basic Certificate for Computer Numerical Control (CNC) Machining at Wright College, has been received and has been appropriately reviewed by members of the Proposed Academic Curriculum Committee (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. This Basic 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. Workforce data projects growth in fields associated with this Basic Certificate.

NOW THEREFORE BE IT RESOLVED, that the Board of Trustees of Community College District No. 508, Cook County 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.

May 7, 2015- Office of Academic Affairs