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ADOPTED – BOARD OF TRUSTEES
COMMUNITY COLLEGE DISTRICT NO. 508
AUGUST 4, 2016

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

RESOLUTION APPLICATION FOR NEW PROGRAMS CNC OPERATIONS – BASIC CERTIFICATE (B.C.) INDUSTRIAL WELDING – BASIC CERTIFICATE (B.C.) OFFICE OF STRATEGY AND ACADEMIC GOVERNANCE RICHARD J. DALEY COLLEGE

WHEREAS, new educational programs require approval of the Board of Trustees of Community College District No. 508, the Illinois Community College Board (ICCB) and the Illinois Board of Higher Education (IBHE);

WHEREAS, an application for approval of new programs, Computer Numerical Control Operations B.C. and Industrial Welding B.C. at Richard J. Daley College, has been received and has been appropriately reviewed for submission; and

WHEREAS, the field of Computerized (or CNC) machining is a challenging and rewarding career that combines mechanical and digital skills to sculpture metal with incredible precision. This basic certificate focuses on fundamental skills that will allow completers to secure jobs as entry-level CNC machine operators or machinist trainees. Students who complete this certificate will have earned 3 NIMS credentials. Students can continue along the pathway to earn further stackable credentials to increase their skills and employability. According to local employers surveyed, entry pay based on the new certificate is approximately \$11.75 per hour on average. Labor market projections in Cook County for Computer-Controlled Machine Tool Operators estimate 65 annual openings between 2015 - 2024.

WHEREAS, with the current high demand for welders, this basic certificate focuses on the techniques of Gas Metal Arc Welding (GMAW or "MIG" welding), Shielded Metal Arc Welding (SMAW or "stick"), and Gas Tungsten Arc Welding (GTAW or "TIG"). Automated welding using a robot and controller with GMAW is introduced. Completers of this program will be able to gain entry-level jobs as production welders and robotic welding operators. According to local employers surveyed, entry pay based on the new certificate, is approximately \$16.55 per hour on average. Labor market projections in Cook County for Welders, Cutters, Solderers, and Brazers estimate 110 annual openings between 2015 - 2024;

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 these programs for permanent approval by the Illinois Community College Board and Illinois Board of Higher Education.