

January 16, 2014

14-088

APPLY TO THE STATE BOARD OF EDUCATION FOR
APPROVAL OF THE CERTIFICATE IN SHIELDED
METAL ARC WELDING

PREPARED BY: Sally Earll, Curriculum Coordinator, Curriculum Support Services

FINANCIAL RESPONSIBILITY: Irene Giustini, Division Dean, Math, Aviation and Industrial Technology, Portland Community College

APPROVED BY: Dr. Christine Chairsell, Vice President, Academic and Student Affairs
Dr. Jeremy Brown, President

REPORT: The proposed Certificate in Shielded Metal Arc Welding prepares individuals for employment in an expanding field. This is one of five specialized certificates in the Welding Department and prepares students for welding iron and steel. Upon completion and certification, individuals will be prepared to weld pipes and tanks at shipyards, in the construction industry, for water-transmissions lines and for gas and oil pipelines. Students holding this certificate can anticipate excellent job prospects in the Portland area – even now PCC graduates are being readily hired by companies like Oregon Iron Works, Columbia Industries, Precision Castparts, Gunderson Marine, and Portland's ship-building industry. Employment opportunities are expected to grow due to the anticipated arrival of a new dry dock in Portland, and rebuilding of the Trans-Alaska pipeline. All courses within this 15-credit certificate are included in the Welding Less than One-Year Certificate. Completion of this certificate will provide a benchmark as students work towards their One-Year Certificate and Welding AAS.

RECOMMENDATION: That the College be authorized to submit an application to the Oregon State Board of Education for a Certificate in Shielded Metal Arc Welding for Portland Community College.