

January 16, 2014

14-086

APPLY TO THE STATE BOARD OF EDUCATION FOR  
APPROVAL OF THE CERTIFICATE IN GAS  
TUNGSTEN ARC WELDING

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

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

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

REPORT: The proposed Certificate in Gas Tungsten 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. Gas tungsten welding is a very fine, high-purity type of welding commonly used in the manufacture and repair of equipment and tools in various industries (brewing/winemaking/distilling, medical and dental, food manufacturing, aerospace and aviation, etc.). Upon completion and certification, individuals will be prepared to repair and fabricate food-grade piping and fire suppressant systems in commercial kitchens and aircraft. Local employers include Boeing, Precision Castparts, Boeing, and A-dec. 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 Gas Tungsten Arc Welding for Portland Community College.