

March 19, 2020

20-115

APPLY TO THE STATE BOARD OF EDUCATION FOR
APPROVAL OF THE LESS THAN ONE-YEAR
CERTIFICATE IN MECHATRONICS FOR PORTLAND
COMMUNITY COLLEGE

PREPARED BY: Susan Watson, Curriculum Coordinator, Curriculum Support Services

FINANCIAL RESPONSIBILITY: Matthew Altman, Division Dean, Science and Technology

APPROVED BY: Dr. Katy Ho, Vice President, Academic Affairs
Mark Mitsui, College President

REPORT: The proposed Less Than One-Year Certificate in Mechatronics is designed to prepare students for entry-level jobs in advanced, automated manufacturing environments. This 41-credit certificate also provides a foundation for more training that would prepare students to use these skills in specialized manufacturing environments that involve automation, including industries such as (but not limited to) aerospace, biotech, food and/or beverages, or semiconductors. The certificate also is aimed at the growth of robotics/mechatronics programs at the high school level, and creates a dual credit pipeline that should promote enrollment growth in related CTE programs at PCC.

RECOMMENDATION: That the College be authorized to submit an application to the Higher Education Coordinating Commission for the Less Than One-Year Certificate in Mechatronics for Portland Community College.