April 18, 2019

19-099   APPLY TO THE STATE BOARD OF EDUCATION FOR
                APPROVAL OF THE CYBERSECURITY AAS FOR
                PORTLAND COMMUNITY COLLEGE

PREPARED BY: Sally Earll, Curriculum Coordinator, Curriculum Support
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FINANCIAL
RESPONSIBILITY: Albert Lee, Division Dean, Business and Computing

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

REPORT: This proposed Cybersecurity AAS is for individuals in the
                information technology industry who want cybersecurity skills,
                knowledge, and a credential for career opportunities and
                advancement. A Computer Information Systems department
                goal is to become recognized as a Center of Academic
                Excellence in Cyber Defense (CAE-CD), which is a program
                cosponsored by the National Security Agency (NSA) and
                Department of Homeland Security (DHS). The content and
                outcomes of this AAS are mapped to the core set of CAE-CD
                knowledge units. Cybersecurity continues to grow in
                importance, and demand outstrips supply in Oregon. The
                Computer Information Systems Industry Advisory Committee
                stresses not only the importance of security throughout the
                industry, but also the need for employees to have the critical
                skills and knowledge to manage computer systems. The AAS
                provides basic cybersecurity competencies for those pursuing a
                career in IT. All courses in the Cybersecurity Career Pathway
                Certificate are wholly contained in the AAS so that students can
                pursue their education at PCC and grow within the IT industry.

                The Cybersecurity AAS has been reviewed and approved by the
                Computer Information Systems Industry Advisory Committee.

RECOMMENDATION: That the College be authorized to submit an application to the
                Higher Education Coordinating Commission for the
                Cybersecurity AAS for Portland Community College.