

February 22, 2018

18-091

APPLY TO THE HIGHER EDUCATION COORDINATING
COMMISSION FOR APPROVAL OF THE TECHNICAL
DESIGNER LESS THAN ONE-YEAR CAREER PATHWAY
CERTIFICATE FOR PORTLAND COMMUNITY COLLEGE

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

FINANCIAL
RESPONSIBILITY: Al McQuarters, Division Dean, Math, Science, and Career
Technical Education

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

REPORT: Computer Aided Design and Drafting is a high-demand field which needs skilled employees. The 17-credit Technical Designer Less than One-Year Career Pathway Certificate prepares students to use computer-aided design technology to draft and print two-dimensional industry-standard drawings (following the American Standards Institute guidelines); to use a variety of advanced parametric computer-aided design applications to design three-dimensional parts, assemblies; and sub-assemblies, and to work as an integrated member of a drafting technology design team. This specialized certification prepares students to work in the manufacturing industry, building construction industry, and in civil/public works. All certificate courses are embedded in the Computer Aided Design and Drafting One-Year Certificate providing students a pathway into an entry level position and to continue their education and career trajectory in a high-demand field. The Technical Designer Less Than One-Year Career Pathway Certificate has been reviewed and approved by the Computer Aided Design and Drafting Advisory Committee.

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