Educational Advisory Council Recommendation

Subject:
NEW: ACERTP – ABIO: Advanced Bioscience Technologist Less Than One-Year Career Pathway Certificate
NEW: Advanced Bioscience Technologist Electives

Relevant EAC Standing committee:
☐ Academic Policies & Standards Committee (APS)
☒ Degrees and Certificates Committee (DAC)
☐ Student Development Committee (SDC)
☐ Curriculum Committee (CC)
☐ Membership Committee (MC)

Brief summary of recommendation:
This New Less Than One-Year Career Pathway Certificate was created on the advice of the Advisory Committee. This certificate stacks onto the current Bioscience Technician certificate to enhance workforce development skills. As with all Career Pathways Certificates, this leads to a specific career and all courses are contained in the Bioscience Technology AAS Degree.

Advanced Bioscience Technologist Electives
Accompanies the Advanced Bioscience Technologist Less Than One-Year Career Pathway Certificate

Bioscience Technology refers to the research, development, and manufacturing of products which use the processes, products or principles of living organisms to solve problems. The applications of bioscience range from developing and manufacturing better ways to diagnose and treat disease, to improving the production of plant crops, and even using microorganisms to clean up toxic wastes. The field is dynamic, employing applications and innovations that in many cases cut across traditional disciplines. Skilled technicians with broad-based laboratory training find employment in a variety of settings, working with scientists at all levels in research, development, manufacturing, testing, and quality control and assurance. Technicians are needed in both large and small companies, research institutions, at local and state agencies, in private service laboratories and in some related industries.

Course work in the Bioscience program involves four distinct elements. Basic science courses provide the background information so that technical elements can be more completely understood. The foundation course work provides a broad base of technical knowledge that prepares individuals for entry-level positions in a variety of Bioscience companies, and includes emphasis on working in a regulated environment, as well as developing skill in technical communication and job readiness. The core of these foundation courses makes up the Bioscience Technician Certificate. The advanced technical courses develop more specific skill sets, and provide for development of the fundamental skills in this more advanced context and help make up the Advanced Bioscience Technologist Certificate. Students have the option to put their skills and knowledge into a working context through a work experience component.

Degrees and Certificates Offered: AAS, Bioscience Technician Less Than One-Year Career Pathway Certificate 19cr., & Proposed NEW - Advanced Bioscience Technologist Less Than One-Year Career Pathway Certificate 29cr.

On 3/30/2016, The EAC Voted to Recommend Approval
Signatures below represent the support and/or approval of this recommendation; the signature of a committee chair represents the support of the respective committee.

Janeen P. Hull
Chair of relevant EAC standing committee
4/4/16
Date

Educational Advisory Council Chair
4/4/16
Date

Vice President for Academic and Student Affairs
4/4/16
Date

Portland Community College President
4-4-16
Date