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Docket Item:

Community College Approval: Blue Mountain Community College, Associate of Applied Science Degree in Industrial Systems Technology within 47.0303 – Industrial Mechanics and Maintenance Technology/Technician.

Summary:

Blue Mountain Community College proposes a new Associate of Applied Science Degree in Industrial Systems Technology. Higher Education Coordinating Commission (HECC) staff completed a review of the proposed program. After analysis, HECC staff recommends approval of the degree as proposed.

Staff Recommendation:

The HECC recommends the adoption of the following resolution:
RESOLVED, that the Higher Education Coordinating Commission approve the following degree: AAS in Industrial Systems Technology.

Blue Mountain Community College seeks the Oregon Higher Education Coordinating Commission's approval to offer an instructional program leading to an Associate of Applied Science Degree in Industrial Systems Technology.

Program Summary

Industrial Systems Technology combines mechanical and electronic skill with programming to prepare students to work in today's highly automated manufacturing facilities. This hands-on program focuses on teaching you the practical skills you will need in the real world. You will learn about motors that run conveyor belts, the sensors that trigger different actions, robots that carry out tasks, and the controllers that put it all together. We focus on operations, optimization, maintenance, troubleshooting, repair, and energy efficiency. The Industrial Systems Technology program works closely with are secondary schools and is the post-secondary connection for the Industry and Engineering Pathway in Umatilla and Morrow counties.

Student who complete the Industrial Systems Technology program have employment opportunities in a variety of local industries as entry level maintenance technicians. Our industry partners include Amazon Data Centers, Portland General Electric, Walmart Distribution Center, Lamb-Weston, and many more.

1. *Describe the need for this program by providing clear evidence.*

    Local industries requested this program when it began 5 years ago, they have actively guided its development, and hire student upon completion.

2. *Does the community college utilize systemic methods for meaningful and ongoing involvement of the appropriate constituencies?*

    The Industrial Systems Technology program works with industries through the advisory board and the Port of Morrow Workforce Training Program Manager, Kalie Davis. The program works with secondary educators and students through the Industry and Engineering Pathway group.

3. *Is the community college program aligned with appropriate education, workforce development, and economic development programs?*

    Yes, the program is aligned with appropriate education, workforce development, and economic development activities. Please see information throughout this application.

4. ***Does the community college program lead to student achievement of academic and technical knowledge, skills, and related proficiencies?***

   The program was designed in collaboration with a variety of industry representatives on the advisory board. A curriculum sub-committee was formed to guide curriculum development.

5. ***Does the community college identify and have the resources to develop, implement, and sustain the program?***

   A program has been in existence for 5 years in similar form and has proven itself a viable post-secondary program.

Assurances

Blue Mountain Community College has met or will meet the four institutional assurances required for program application.

1. *Access.* The college and program will affirmatively provide access, accommodations, flexibility, and additional/supplemental services for special populations and protected classes of students.
2. *Continuous Improvement.* The college has assessment, evaluation, feedback, and continuous improvement processes or systems in place. For the proposed program, there will be opportunities for input from and concerning the instructor(s), students, employers, and other partners/stakeholders. Program need and labor market information will be periodically re-evaluated and changes will be requested as needed.
3. *Adverse impact and detrimental duplication.* The college will follow all current laws, rules, and procedures and has made good faith efforts to avoid or resolve adverse *inter*segmental and *intra*segmental impact and detrimental duplication problems with other relevant programs or institutions.
4. *Program records maintenance and congruence.* The college acknowledges that the records concerning the program title, curriculum, CIP code, credit hours, etc. maintained by the Office are the official records and it is the college's responsibility to keep their records aligned with those of the Office. The college will not make changes to the program without informing and/or receiving approval from the Office.