

Docket Item:

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

Summary:

Clackamas Community College proposes a new Associate of Applied Science Degree in Industrial Mechanics and Maintenance Technology Apprenticeship. 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 Mechanics and Maintenance Technology Apprenticeship.



Clackamas 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 Mechanics and Maintenance Technology Apprenticeship.

Program Summary

A journeyman has the opportunity to receive a Career Pathway Certificate of Completion, Certificate of Completion and/or Associate of Applied Science degree in their designated field of study upon the completion of their on-the-job training (OJT), related training, journey-level card/certificate, and the required Related Instruction courses and possible elective courses, depending on the trade. The program is restricted to enrollment by the Bureau of Labor and Industries registered apprentices and not available to the general student population.

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

Clackamas Community College is supporting the Northwest Willamette Trade Apprenticeship Training Committee (TATC). Our committee and training agents have expressed that industry in our region has need of skilled machinists and millwrights. An employer listening session was held and 14 businesses attended, which resulted in convening 4 employer representatives to serve on the committee to create Machinist Standards of Apprenticeship and commitments to host apprentices at their worksites as training agents. The outlook for creative programming jobs in Portland is positive and exciting. The Creative Coding & Immersive Technologies Career program prepares Portland communities to be employees and leaders in Portland's, trend-setting, globally competitive creative coding and immersive technologies industry.

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

CCC collaborates with the NW Willamette TATC by hosting monthly committee meetings for employers on campus, and connecting the apprentices, training agents and employers with resources at the college, as well as leveraging other resources that may be available through state or federal grants and funding. We collaborate with the Oregon Bureau of Labor and Industry (BOLI) - Apprenticeship and Training Division (ATD) to follow all regulations concerning registered apprenticeship. We also collaborate with Community Colleges across the state as an advocacy and guiding body of the Oregon Community Colleges Apprenticeship Consortium OCCAC in coordination with Oregon Department of Education and Higher Education Coordinating Commission..

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

This program started because our region is aligned with the state's goals of increasing apprenticeship and the Machinist program qualifies for the Apprenticeship Initiative in Manufacturing (AIM) grant which covers tuition and fees for apprentices, thereby removing the cost and burden of related training/educational expenses from the company or apprentice.

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

Apprentices receive a registered apprenticeship card and upon completing the program receive a journey-worker card issued by BOLI- ATD and recognized as a credential statewide. Apprentices completing the program also receive a career pathway certificate, with the option to pursue an AAS. Apprentices complete 528 hours of related training (28 CCC credits) and 6000 hours of on-the-job-training according to the work processes outline in the Standards of Apprenticeship.

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

The program is creating new APR courses by mirroring existing MFG courses and cross-listing the two courses. Apprentices attend these courses with manufacturing students in current existing courses/ This also helps faculty fill classes that otherwise may cancel due to low enrollment or run under-enrolled.

Assurances

Clackamas 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 *intersegmental* and *intrasegmental* impact and detrimental duplication problems with other relevant programs or institutions.
4. ***Program records maintenance and congruence.*** The college acknowledges that the records concerning

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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.