

1. Project Title	Electronics Student Project Space
2. Name	Mike Farrell
3. Email	mike.farrell@clackamas.edu
4. Department	Industrial Technology
5. Please briefly describe your idea	Convert B274 into a student project space along with be used as an additional electronics classroom. With the purchase of appropriate furniture and some remodeling this space can be repurposed for students. It will provide open lab and student space for electronics students to work on their lab projects or personal electronics projects. This space will give electronics students in Engineering, EET, MST, IMT and RET a place to study and collaborate on projects that interest them. It will increase the amount of open lab time for students to complete projects. It will improve schedule flexibility as a 2 nd electronics lab.
6. Indicate the strategic priority that this project supports.	Excellence in Teaching and Learning Holistic Student Support Diversity, Equity & Inclusion Organizational Health Operational need
7. How does your idea support the College's strategic priorities?	This space provides support for students. It provides a 'home' for electronics students. The current electronics lab is reserved for class most days from morning to night. With this space students that need more lab time or just want to collaborate with their class mates have a place to go when their lab ends. They will likely find other students from other programs using the room. This will give all of the students a sense of belonging and create excitement in their work and projects. Students will also interact with other students from different programs and with different skills. Engineering and Technicians will learn to interact and support each other. This is an important industrial skill, that is difficult to provide in the program curriculum. This space will support student learning. It will help them become independent learners. It will promote the electronics programs and help these programs recruit and retain students. The additional classroom space will improve class scheduling as well. The current electronics lab is full most of the day. Evening students have their class start and stop times dictated based on when the morning classes start or end. This extra classroom will allow more freedom for classes in different programs to be scheduled as best fits those students.
8. What contribution would this project make to the Diversity, Equity and Inclusion Strategic Plan? How does it contribute?	This space will help reduce barriers for all students. Students that need more time in the classroom will have a space that is freely open for them to use. It will give all students an opportunity to explore an learn in a way that works for them. The space will also promote a sense of companionship and cohesiveness between students.
9. What problem, need or gap in service will be addressed? What evidence is readily available to illustrate the need or support the goal(s) of the project? Please include links to data sources if known.	Electronics students don't have a place to work on projects and to collaborate together. The lab where most of their classes are held is full with classes most days from morning until night. Students are forced to go hang out at other places on campus when not in class. This space will allow students to have a place to work with other electronics students. They will be able to get help from their classmates or students that have taken the class before. Most importantly, this will give electronics students a sense of belonging and of having a home on campus. It is currently easy for them to feel they just come to class and go home. This will help them feel wanted, encouraged, and supported.
10. What is the benefit of this project (e.g. revenue potential, impact on student enrollment, retention, completion, etc.)?	This project will help promote the electronics programs at CCC. It will give students in those programs a sense of belonging and of being appreciated. All of this will help the programs grow, better retain students, and improve completion. It will also provide a location on campus for students in other programs that have small electronics projects to get help or access to equipment they need to complete their projects. This will have a positive effect on retention in those other programs as

	well. In this way this project will benefit Engineering, IMT, RET, and possibly Automotive. Having a 2 nd electronics lab will improve scheduling for all electronics students. It will allow electronics classes to overlap between the two rooms. This will make it possible to give students more consistent and thought out schedules.
11. What activities will be proposed in the project?	The room is currently mostly vacant. We are proposing removing the back wall that leads to a storage area. The storage area can be relocated. This will allow for some couches and other casual furniture for students to be installed. In the main part of the room, square tables and chairs will be installed. These will create a collaborative space for students to work on projects or attend class. Whiteboards will be placed on the walls around the room. Groups of students working on different projects will have their own collaborative whiteboard space to discuss and debate ideas.
12. Identify stakeholders who will likely be involved in the project planning or delivery.	Mike Farrell, Mike Mattson, Wayne Sellevaag, Cynthia Risan, ITS, Facilities,
13. What qualitative or quantitative measures would be meaningful in evaluating the success of this project?	As a classroom, being able to improve student schedules because classes can overlap will be immediately measurable. As a student space, we should be able to measure how many students in sheer numbers or percentage of the program are using the space.
14. Describe the investment (time, funds, etc.) that would probably be needed to get this project off the ground.	\$16K for tables, chairs, and other furniture \$4k whiteboards \$30k facilities remodel
15. Have you identified a grant or other funding source to help cover related expenses?	Yes
16. If yes to 15, please provide more information about the grant or other funding source.	We are able to procure computers from Perkins funding.
17. Beyond the start-up costs, is additional or ongoing funding required to maintain this project in the future? If so, please describe the costs (amounts, frequency, etc.) as well as if you have identified sources for ongoing funding.	Ongoing costs could involve the maintenance of electronic test equipment. This would normally be handled by the department. 2nd year students will need to be hired to maintain open lab time. This has historically been done through the department with tuition waivers.
18. What level of urgency best fits your idea?	Long-term, needs to be explored within next 12-18 months
19. If you answered "other" in question 18, please describe.	
20. Please include additional information you would like to share:	