

SECTOR STRATEGIES AND CAREER PATHWAYS COMMITTEE REPORT
Workforce Development Board Meeting
Thursday, November 18, 2021

The Sector Strategies and Career Pathways committee met on October 13, 2021.

Elissa Lines, Executive Director of the Pearl Harbor Aviation Museum explained that the Aviation Learning Center (ALC) offers a hands-on learning experience for youth in elementary, middle and high school from 4th grade to 12th grade. Students are paired into teams and learn aviation concepts, planning and preparing an aircraft for flight, culminating in a simulated flight. The students access an actual Cessna 152 in the museum's hangar. The curriculum is fully aligned with the State's Common Core Standards and DOE subject matter standards. It is built on national STEM standards. Instructional materials and teach training strategies are part of the program to assist educators. From the workforce perspective, Ms. Lines reported that the current research shows that the US and Hawaii, in particular, is facing a critical shortage of pilots, technicians and engineers. Hawaii has a great need for STEM education activities that can be accessed by low-to-moderate income individuals and groups in a flexible, informal setting.

Link to presentation: <https://labor.hawaii.gov/wdc/sector-strategies-career-pathways-meetings-2021/>

Tammi Chun and Nicolette van der Lee from the University of Hawaii Community Colleges reported that 20 training programs were launched this year in healthcare, technology and skilled trades.

The first-year outcomes through September 30, 2021. The actual enrollments are lower than the targeted enrollments due to the late mid-year start of the program that covered summer and a little of fall accounted for year one. They are anticipating making up the first-year targets, as the enrollment counts are cumulative with a goal of serving 3,000 participants over the life of the three-year grant.

SECTOR	TARGET ENROLLMENTS	ACTUALS ENROLLMENTS
Healthcare	300	293
Technology	105	85
Skilled Trades	300	82
TOTALS	705	460

For year two, they are anticipating offering additional healthcare trainings to include medical coding, and in technology they will be developing new trainings such as project management certification, scrub master and six sigma certifications. For skilled trades, they will be scaling the carpentry program and looking at other certifications that the different campuses can offer.

The WDC is a key partner with UH and the Hana Career Pathways program developed to provide education pathways to employment through short-term training leading to industry valued credentials and work-based learning and apprenticeships. This is a three-year grant through the US Department of Education.

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