

**STATE BOARD FOR COMMUNITY COLLEGES AND OCCUPATIONAL  
EDUCATION**

**December 14, 2022**

**TOPIC:** Arapahoe Community College Spending Authority Request for Mobile Health Lab and Advanced Robotics and Automation Lab

**PRESENTED BY:** Dr. Stephanie J. Fujii, President

**RELATIONSHIP TO THE STRATEGIC PLAN:**

- Transform the student experience
- Transform our own workforce experience
- Redefine our value proposition

**EXPLANATION:**

Arapahoe Community College (ACC) recognizes the need to invest in critical workforce development programs to help our communities continue to grow and thrive. ACC also recognizes the limitation of current resources and the increasing importance of seeking funds from outside our traditional institutional budgets to invest in this important work.

ACC is requesting spending authority for two projects that are exclusively paid for by recently received external grant funds:

- 1) \$905,826 to construct and equip a state-of-the-art mobile health lab that will be used to perform public health outreach, clinical training for ACC students and industry partners, mobile vaccine clinics, and demonstrations for school districts. This project will be funded from a combination of grant monies from the OEDIT's Skill Advance grant program (\$619,718) and Douglas County ARPA federal funds (\$286,108). There are also additional funds associated with both fund sources that cover operating and staffing costs for the lab for two years. After that time, ACC would be responsible for covering staffing, operating, and maintenance of the mobile lab. This investment is anticipated to train/educate 100 to 200 Douglas County residents annually as well as offer basic health care services to its more rural areas.
- 2) \$1,249,790 from Douglas County ARPA federal funds to equip a new Advanced Robotics and Automation lab at the Legacy Campus with the best simulation technology and equipment to help train the local Douglas County workforce to work for companies like Lockheed Martin, Amazon, Raytheon, and other companies who utilize advanced logistics technology and advanced manufacturing. This would yield the most adaptable and relevant lab in the state of Colorado which would directly feed talent into some of our thriving Douglas County companies. Aerospace and Advanced Manufacturing

sectors are the #2 private employer base on the Front Range (just behind health care). There is an increasing need for the sector to cultivate home-grown talent to address growth and labor shortages. This program would work with both DCSD students and adult students in our community to train them into multiple jobs in this growing sector. A Robotics and Automation Technology degree will prepare students to design, install, troubleshoot, and maintain industrial automation systems. We expect to enroll an initial cohort of 2 groups of 20 adult students combined with 20-40 Douglas County School District students during the Fall of 2023 and will work with area industry, chambers, community organizations, and the school district to grow the program.

<b>Project</b>	<b>Spending Authority Request</b>
Mobile Health Lab	\$ 905,826
Advanced Robotics Lab	\$1,249,790
<b>Total Project Cost</b>	<b>\$2,155,616</b>

**RECOMMENDATION:**

Staff recommends that the Board approve spending authority for the Mobile Lab and Legacy Campus Robotics Lab with a do not exceed amount of \$905,826 and \$1,249,790 respectively. Staff further recommends that the Board delegate signature authority to the System Vice Chancellor of Finance and Administration for all contractual and related documentation on the condition that all Board and State processes are followed.