

Please respond to the questions below in a separate document for the following:

- Each current IT capital project that has received an appropriation, or
- Each operating budget request that was referred to the JTC.

1. Which elements of the project are currently underway? Which elements have been completed since the department last updated the JTC? Is the project on schedule with initial plans?

At the moment, we are focused on enhancing our network infrastructure (Equipment/Cabling). Expanding our wireless footprint, so that we can directly impact the student's experience.

- CCA-IT is currently adding an additional 40 Access Points to our CentreTech Location – see blueprints and diagrams.
- New updated cabling (CAT6 ethernet Plenum rated). Both, internal and external, which will help expand our wireless coverage beyond the classroom environment.
- The investment, to our wireless infrastructure, will also accommodate future technologies such Wi-Fi 6, which offers a much higher throughput, higher density, and overall higher efficiency.
- Heat Maps are being provided to illustrate a before and after of how these new upgrades will help expand and strengthened our wireless coverage and service areas.

We are starting to see the supply chain catch up to market demand(s); therefore, we were able to move forward on the existing JTC request. Also, we had already made a significant investment to our current infrastructure, but it was only done on a 1:1 swap, so we weren't able to expand our coverage at that point.

Now that the supply chain has started to improve, CCA-IT will be able to start addressing the implementation timeline. We are working diligently with our vendors and installation team to make sure we can quickly and efficiently address this project. As stated before we want to help strengthen our existing physical/wireless infrastructure.

2. How much money has been obligated and spent at this point? Please break down amounts and spent separately.

- The initial FY 2022 – 2023 JTC Request is as follows:
 - o CCA – Improving Student Access to Technology (\$529,915 total budget);
 - Capital Construction Fund Amount: \$476,923
 - \$278,267 for server infrastructure improvements
 - \$191,572 for Network Equipment/Cabling
 - Cash Fund Amount: \$52,992 – This is what CCA matched with Student Technology Fees.

Spent:

\$49,360.32 – Wireless Access Points (CISCO Meraki) on-site
\$10,200.00 – 34 Indoor wire drops (Pending) installation team
\$2,970.00 - External wire drops (Pending) installation team

\$8,114.74 – (Uninterruptible Power Supply) UPS battery module for IDF closet in SIM Building

NOTE: 40 new CISCO Meraki Access Points were ordered and are being installed at CentreTech. This is to increase wireless visibility and/or cast a wider net. CCA-IT is also moving forward on making additional upgrades to our classrooms and communication services. External and modern digital door signage and other communication tools are being considered in the next phase of the project. We had to move away from using a particular vendor, for the upcoming project/phase II, because they have a longer turnaround time and found a much more comparable solution. This will help CCA save thousands of dollars in the process.

3. What is anticipated to be completed by the next quarterly update?

We are 70% complete with installing the new wireless access points and expanding our physical/cable infrastructure – this includes new ethernet runs and cable drops. Also, we are moving forward on making improvements to our digital signage and room scheduling technology. This initiative will allow us to modernize our campus and be much more effective and in communicating with our stakeholders: students, faculty, and staff.

4. When does the department/institution anticipate that the project will be complete?

- We are hopeful that this project will be fully complete/implemented by the end of FY 2023-2024 and will not extend into the 2024 - 2025 academic calendar year.

5. Are there any important concerns or updates you wish to share with the committee?

- We want to extend our gratitude to the Joint Technology Committee and its members for your continued support in helping CCA expand its technology infrastructure. This investment will allow our institution the ability to deliver industry standard services, which will greatly impact the student experience. We will also work to leverage every dollar provided through this funding opportunity so that can maximize our project initiatives.

We want to make sure that we are strategically aligning to the goals of the Colorado Community College and the State of Colorado's Higher Education strategic priorities.

<https://cccs.edu/resources/institutional-research/strategic-plan-annual-progress-reports/>

<https://cdhe.colorado.gov/about-us/cche/strategic-plan>

- We are working with Academic services to ensure technology in the classroom is up to par with industry standards and that it allows for asynchronous / hybrid learning.
- CCA is also greatly working to increase its communication efforts with our students, faculty, and staff via digital signage solution.
- Classroom digital signage - to become much more efficient in pushing out classroom schedules, room changes, and notifications.

- New interactive touch boards for Academic Support Services to help with tutoring sessions and create a much more immersive experience.
- Make Technology much more accessible by investing in new updated computer labs, expanding our laptop loan program, modernizing our campus/classroom infrastructure, enhancing our communication efforts, expanding our digital footprint, and using data to measure project outcomes.

6. For multi-phase projects, has there been any insight gained through this phase of the project that will cause changes in the next requested phase of the project?

-This is not a multi-phase project, so we are looking complete the entire project by the end of FY 2024