

Facilities Update

February 2020



CCC Science Building

The 55,000 sq. ft. Science Building at the Canyon Country Campus will include computer labs, instructional classrooms, laboratory space for biology, chemistry, and physical sciences, as well as faculty offices. Construction will also encompass appurtenant site and utility improvements.

Earthwork and grading for the amphitheater/plaza is complete. The concrete stairs and columns are taking shape and will soon be followed by the installation of concrete bench seating and the trellis structure. On the west side of the building, framing and drywall has been completed on the first two levels along with most of the utilities within those walls. Interior glass and door frames have been installed in these levels and most of the painting has been completed. We are also making a great deal of progress on the East side of the building, which will house most of the laboratory space. The exterior of the building has received its finished metal paneling and most of the structural steel and concrete is now in place along with the fireproofing material. This work will make way for our metal framing and utility installations.

This 20-month construction schedule had to overcome a few speed bumps, but now we are on track to be completed in May 2020. The new completion timeline will give staff a chance to “tune and adjust” the operational functions of the building prior to the first group of new students taking over in Fall 2020.

CCC Student Services/LRC

The Student Services/Learning Resources Center

project at the Canyon Country Campus will sit directly adjacent to and mirror the Science/Lecture building. The project scope, which is included in the 2017-2022 Facilities Master Plan, includes the construction of a 55,000 sq. ft. building to house all Student Services functions, staff offices, the Student Health & Wellness Center, The Learning Center, Library, Canyons Extension, and the Communications and Reprographics office.

Our planning and design efforts have paid off and in December 2019 we received DSA approval to start the bid process! The approved plans, specifications and bid documents were issued to potential bidders in late December and the bid opening is scheduled for February 13, 2020. Upon review and approval of the bids received, we are excited to break ground on this project in late March 2020; the construction phase is expected to last 20 months.

CCC Central Plant

The Central Plant at the Canyon Country Campus will be designed with the capacity to serve all permanent buildings included in the Facilities Master Plan. The plant will provide the heating and cooling required for the buildings, including the new Science Building (currently underway). The building structure is complete and watertight. Plumbing, electrical, mechanical and controls contractors have completed the equipment installation. The final steps for completion of the Central Plant will be the testing and flushing out of the system, we will be ready for startup once the Science building is complete.

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CCC Classroom HVAC Upgrade

As part of the GO Bond-funded projects for the modernization of District facilities, the District developed plans and specifications for the replacement of HVAC systems for the modular classroom buildings at the Canyon Country Campus.

This project includes replacing the current wall-mounted HVAC units with mini-split heat pump units - which are infinitely quieter and more efficient than the current units. We have implemented this upgrade in order to provide a superior learning environment while reducing energy demand and increasing overall efficiencies, including a reduction in the cost of future maintenance time and materials.

We received DSA approval and the project was publicly bid and awarded in December 2019. The awarded contractor immediately began ordering materials and started the work within some of the classrooms during Winter intersession. Work will continue through the Spring semester during off-hours in order to minimize disruption to the classes being held on the Canyon Country Campus.

2019 Door Lock replacement

The 2019 Door Lock Replacement, encompassing both the Valencia and Canyon Country campuses, facilitated the replacement of all remaining electronic locks that hadn't already been equipped with an interior lock button. This project was completed at the end of 2019.

SBO Relocation and Remodel

As a result of the relocation of the Career Center (now in X-6) the Student Business Office (SBO), now on the first floor of Canyons Hall, has a new space to expand and grow.

Formerly housing a computer lab, the remodel of this area included: re-purposing of the former Career Center offices plus the addition of a new space that accommodates three workstations and transaction counters, an ADA transaction counter which also serves as a more private transaction space, and a room to store student records. The relocation is complete and the Student Business Office has moved in just in time for the Spring semester.

Experiential Learning and Honors Relocation

Now that the Student Business Office has relocated to Canyons Hall, their vacated space in Seco Hall will be remodeled and re-purposed to serve the Experiential

Learning and Honors program. The remodel will include the demolition of some of the existing interior walls, infill of the existing transaction counters, new carpet, ceiling tiles and of course a fresh coat of paint. Construction is scheduled to begin on March 2, 2020.

Pool Upgrades

The pool chemical room ventilation system received a much needed upgrade, as did the mechanical room that now houses an all-new water treatment system. Followed by that upgrade, the facilities staff also performed some much needed TLC to the pool. This included an acid wash, drain repairs, upgraded LED lighting in the pool and ceilings and painting of walls and ceilings.



ADA Transition Plan

In 2015 the District passed Resolution #2015/16-09 adopting an ADA Transition Plan pursuant to Title II of the Americans with Disabilities Act. As part of that plan, the District contracted with an architecture firm to develop construction documents to address the items in the ADA Transition Plan at the Valencia Campus.

Phase I of the ADA Plan to remove all barriers within each building is substantially complete and Phase II of the transition plan has already begun. Planning and design efforts for Phase II, which focuses on a persons path-of-travel, began with the surveying of actual conditions on campus over the last few months. Modifications will be made to parking areas and sidewalks throughout the campus. The plans for this scope of work are currently in design and we hope to submit them to the State Architect in early Spring.

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P.E. West Modernization

The PE West Modernization Project includes an extensive remodel to better accommodate the various athletic disciplines. The remodel includes: updated and additional faculty offices, three new classrooms, the relocation and upgrade of the dance instruction room, restroom and locker room upgrades, ADA improvements, re-finished wood flooring in the main gym and new bleachers.



The building was opened for business with the start of Winter classes. We are working on miscellaneous (“punchlist”) items, but none of those interfere with the everyday use of the facilities.

ECE Re-Roof

The Early Childhood Education building, designed and completed in 1995, is due for repairs and an upgrade to its aging roof. Facilities publicly advertised this project in January with bids due in mid-February. Once the low bid is approved, we will begin work with the ECE staff to coordinate and schedule the tear off and application of the new roofing membrane; modifications will result in a water-tight system that will last this building another 25+ years. All work will occur in Spring 2020.

NEW! Coffee Kiosk in Student Center

An additional location has been created for the Coffee Kiosk-operated coffee service. Now available in the Valencia campus’ Cafeteria the café space was renovated to meet the latest health code standards and involved upgrading the space with new flooring, plumbing, equipment, and a custom built counter. This space is completed, waiting for Health Department final approvals. We plan to operational and open for business within the first week or two of the Spring

semester.

Boykin Hall Modernization

The Boykin Hall Modernization project, comprising 26,176 assignable square feet of instructional and office space, includes a full seismic retrofit of the building, a complete modernization of all three floors, and ADA compliance upgrades to the adjacent restrooms and elevator. The state has approved funding for 50% of the design and construction costs of this project.

The preliminary design for this project was developed over the course of several planning meetings between the architect and those departments located in Boykin Hall. The preliminary design has already been submitted to the state chancellor’s office for final approval. Once the design has been approved, the architect will begin the development of the Construction Design documents followed by their submission to the State Architect for approval.

The programs most affected by the modernization are Anthropology, Biology, Physics, Chemistry and Geology.

Bloom Energy– Fuel Cell

College of the Canyons has led the way in investigating, and implementing energy-efficient and sustainable projects to lower utility demand and costs without negatively impacting the mission of the college. From the installation of the first Central Plants in 1997, the first of these plants in State Community College system, to the latest fume hood controls project completed in 2018; we have succeeded in maintaining a position in the forefront of energy efficiency efforts.

More recently we have turned our attention to researching alternatives to the existing 1MW of micro-grid power generation that is produced in our Central Plants. We believe our partnership with Bloom Energy and the installation of fuel cells (1.5MW) will move us that much closer to our goal to become grid-independent. Bloom Energy and the District were successful in receiving a \$3,000,000 Grant from the South Coast Air Quality Management District (SCAQMD) that allows for the expansion of the originally-approved fuel cell plant and decommission the District’s existing co-generation engines. We expect to begin generating power through the fuel cells in April 2020.

DON'T FORGET TO VISIT OUR WEBSITE FOR OTHER INFORMATION, INCLUDING PLANNING DOCUMENTS AND PRESENTATIONS!

<https://www.canyons.edu/administration/facilities/>