

YAVAPAI COLLEGE FACILITIES MANAGEMENT NEWS

March 2021

Facilities Management office hours at both the Prescott and Verde Valley campuses are limited to appointment only. To make an appointment for either office, please call 776-2180 or send an email to facilities@yc.edu. Individual Facilities Management team members can still be contacted through their YC email account. Thank you!

March Newsletter

The March issue of this newsletter contains the latest information related to Facilities Management programs and projects, along with general information concerning the campus master plan and subsequent capital improvements. If you have questions about any of the items listed, please email me at david.laurence@yc.edu. This newsletter is also posted on the Facilities website.

Campus/Center Projects

Chino Valley Agribusiness Center - Construction Building Technology Utility Services

Electrical and water services are installed for the new 3D house printing program. For more information about this new program, please contact John Morgan, Curtis Freeman, or Max Bledsoe.



New electrical and water services

Prescott Campus Parking Lot Lighting Upgrade

New fixtures for LED lighting have been ordered and will be installed from March through May. The existing metal halide and high-pressure sodium lights will be replaced with LED with an expected 80% reduction in energy consumption along with better illumination. Since the Prescott campus has the largest parking lot, this location will receive the upgrade first, followed by the Verde Valley Campus and the centers.

Project Manager: James Crockett

Verde Valley Campus Greenhouse

Assembly of the new greenhouse is underway as components continue to arrive on site. The greenhouse is expected to be complete in March 2021.

Contractor: Loven Contracting

Project Manager: Mike Kervin



Front of the new greenhouse with proposed sidewalk location outlined



Installation of fans and other electrical items

Verde Valley Campus Upper Vineyard Access Road

The Grounds team graded and cleared an access road near Building L and continues to the upper vineyard. Students can now access the upper vineyard directly from the Verde Valley campus.



Looking towards upper vineyard from Building L parking lot

2020-21 CAPITAL IMPROVEMENT PLAN

Verde Valley Skilled Trades Center- Building D

Site work is underway as earthwork continues for the future building pad and utilities. Utilities are installed along with steel for columns and footings. The concrete pad is scheduled to be poured on March 9.

The engineered building is on-site, and steel erection will begin on or about March 15.

Also, during spring break, work will begin bringing water to the new building, so expect occasional road closures during this time between Buildings A and the new Building D.

The Verde Valley Skilled Trades Center is designed to support CTE programs for Residential Construction, Residential Electrical, HVAC, and Plumbing. The building will be approximately 10,000 square feet of shop space with restrooms and faculty offices. There will also be covered exterior space for additional activities associated with these programs.

Design Team: SPS+ Architects

Construction Team: McCarthy Building Systems



Location of new building column footings



Plumbing underground stubb outs



Engineered building components arrive on site

Building 16 Technical Theater

Demolition begins March 1. There will be heavy equipment on-site demolishing concrete along the east side of Building 16. Please observe all safety and warning signs and stay out of the construction zone, which will be inside and outside of Building 16 between the loading dock and the Art Gallery.

Construction is anticipated to conclude in early July 2021.

Stay tuned for more information and pictures as this project progresses.

Design Team: SPS+

Construction Team: Danson Construction



Facilities Team Member Scott Ellis with the last load of items to make way for construction

If you would like more information about the campus master plan or implementation schedule, please go to <http://masterplan.yc.edu/>. This site is updated regularly as new information concerning project progress becomes available.

BUILDINGS AND GROUNDS PLANNED MAINTENANCE PROJECTS

As part of the budget, planned maintenance projects are scheduled each year to ensure that College facilities are maintained at a level to support optimum performance in building systems, infrastructure, life safety, roadways, and parking, along with College grounds. These projects result from a recent Facilities Condition Assessment (FCA), which identifies when repairs, modifications, or replacement of components should occur.

FCA Projects:

PAC HVAC and Roof Replacement – In design, construction anticipated to begin in Spring 2021

Energy Corner – Scott Blevins

Prior to our COVID closure a year ago, we had a Building Automation System (BAS) evaluation scheduled with a 3rd party to review the utilization of our BAS. When we shut down, we deferred this activity until we were comfortable having people on campus. As we project opening in the Yellow Phase of our reopening plan, this evaluation is back in the plan. The consultant (AEI) will be evaluating our utilization of the systems that controls our HVAC, class scheduling, life safety, and lighting controls. This evaluation will identify our current configuration and opportunities for optimization and improvement. They will evaluate the ability of our systems to communicate with one another and compare our platforms to the major competitors with advantages and disadvantages of each. Based on the feedback we receive, we will identify areas for improving our systems' efficiencies and reduce our overall energy usage.

Environmental, Health and Safety – Angie Gasser

Eye Safety

The majority of eye injuries are preventable, and vision loss is among the top 10 disabilities for American adults. There are four main causes of eye injuries:

1. Projectiles (dust, concrete, metal, wood, and other particles)
2. Chemicals (splashes and fumes)
3. Radiation (especially visible light, ultraviolet radiation, heat or infrared radiation, and lasers)
4. Bloodborne pathogens (hepatitis or human immunodeficiency virus (HIV)) from bodily fluids, including blood



Options for protective eyewear include:

1. Nonprescription and prescription safety glasses: These glasses provide protection for general working conditions where dust, chips, or flying particles may be present. Side shields or wraparound glasses provide additional protection.
2. Goggles: Safety goggles protect from impact, dust, and chemical splash. They provide a secure shield around the entire eye. Goggles can be worn over prescription glasses and contact lenses.
3. Face Shields and Helmets: Face shields protect a worker's entire face exposed to severe chemical hazards, heat, or bloodborne pathogens. A helmet is used for welding or working with molten materials.
4. Full-face respirators: Full-face respirators are ideal for protection from hazards like sanding dust, paint spray, and other respiratory irritants.

Facilities New Team Members

There are no new team members this month. Facilities is looking to fill an open HVAC position.

Well, that is all for this edition of Yavapai College Facilities Management News. Please stay tuned for the next edition containing the latest information related to projects and programs around the College.

We here at Facilities look forward to seeing you on campus soon!