

## ACADEMIC SENATE AGENDA DECEMBER 7, 2021

[Join Zoom Meeting](#)

**Meeting ID: 919 7990 2272 Passcode: 2021**

Neil Watkins	President	2021-2023
Sarah Cotton	Vice President	2021-2022
Elizabeth “Liz” Encarnacion	Secretary/Treasurer	2021-2022
Angela Burk – Herrick	Curriculum Chair	2021-2023
Tracy Kocher	Business & Applied Technology	2020-2022
Bruce Osburn	Business & Applied Technology	2021-2023
Daniel Bentum	Chino/Fontana	2020-2022
Tara Johnson	Chino/Fontana	2021-2023
Lisa Doget	Health Sciences	2020-2022
Jayne Clark-Frize	Health Sciences	2021-2023
Christina Holdiness	Instructional Support	2020-2022
Mary Jane Ross	Instructional Support	2021-2023
Jeff Harlow	Kinesiology, Nutrition & Athletics	2020-2022
Elaine Martinez	Kinesiology, Nutrition & Athletics	2021-2023
Elizabeth “Liz” Encarnacion	Language Arts	2020-2022
Steve Shelton	Language Arts	2021-2023
Mark Gutierrez	Mathematics & Science	2020-2022
Elizabeth Cannis	Mathematics & Science	2021-2023
Dan Kern	Social & Behavioral Sciences	2020-2022
Pak Tang	Social & Behavioral Sciences	2021-2023
Jackie Boboye	Student Services	2020-2022
Michelle Martinez	Student Services	2021-2023
Erik Jacobson	Visual & Performing Arts	2021-2022
Patrick Aranda	Visual & Performing Arts	2021-2023
Robin Witt	Senator-At-Large	2019-2022
Tamari Jenkins	Senator-At-Large	2020-2023
Sarah Cotton	Senator-At-Large	2021-2024
Patty Peoples	Adjunct Senator-At-Large	2021-2022
John Glass	Adjunct Senator-At-Large	2021-2023

### Alternates

William “Bill” O’Neil	Business & Applied Technology	2021-2023
Manar Hijaz	Chino/Fontana	2021-2023
Jordan Hung	Health Sciences	2021-2023
Shelley Marcus	Instructional Support	2021-2023
Candice Hines-Tinsley	Kinesiology, Nutrition, & Athletics	2021-2023
Leona Fisher	Language Arts	2020-2022
Diana Cosand	Mathematics & Science	2021-2023
Sergio Gomez	Social & Behavioral Sciences	2020-2022
Myra Andrade	Student Services	2021-2023
Leta Ming	Visual & Performing Arts	2021-2023
Vacant	Adjunct Alternate Senator	2021-2023
Hope Ell	Classified Senate Liaison	2021-2023

**Guests:**

Lissa Napoli, Administrative Assistant, Academic Senate

**1. P.E. (12:30 P.M.)****2. CALL TO ORDER (12:35 P.M.)****2.1 Remote Attendee Identification****3. PUBLIC COMMENT** (Reserved for Guests only and limited to two minutes.)**4. APPROVAL OF AGENDA**

- December 7, 2021

**5. APPROVAL OF MINUTES**

- November 30, 2021

**6. CONSENT AGENDA****6.1 Curriculum is asking that the Academic Senate endorse the course modifications that Curriculum presented below:****Course Reactivations w/ DE:**

NURADN-482 Cooperative Education: Nursing A.D.N.

**Course Modifications w/ DE:**

CJ-4 Community and the Justice System

CJ-55 Crime and Delinquency

PHOTO-450 Color Photography Portfolio

**7. REPORTS****7.1 President****7.2 Vice President****7.3 Secretary/Treasurer****7.4 Curriculum****7.5 Classified Senate Liaison, Hope Ell****8. GUEST(S)/PRESENTATION(S)** - Executive Director, Construction & Facilities/EOC, Troy Ament; Sustainability & Environmental Safety Officer, Sam Gaddie, will share updates on returning to campus safely, all-gender / gender-inclusive restrooms, Measure P Update, and protections for the burrowing owls at Chino.**9. UNFINISHED BUSINESS** - None.

## 10. NEW BUSINESS

### 10.1 Action Item: Meeting format / [AB 361](#)

- Chaffey College Academic Senate can vote to approve the continued teleconference meetings as the governor extended the current emergency provision for Academic Senate and all standing subcommittees for the next 30 days.

### 10.2 Action Item: Student Transfer Achievement Reform Act of 2021: Associate Degree for Transfer Intersegmental Implementation Committee / [AB 928](#)

- Identify senators to work on the resolution regarding AB 928

### 10.3 Action Item: Rising Scholars Network: justice-involved students [AB 417](#)

- Identify senators to research the resolution regarding AB 417

## 11. ANNOUNCEMENTS

### 11.1 Academic Senate for California Community Colleges (ASCCC) Information

- 11.1.1 [CTE Coffee Hour](#), January 13, 2022, 10:00 am to 11:00 am, Noncredit to Credit - hosts Leticia Barajas and Stephanie Clark. At these gatherings, faculty will meet virtually to share ideas and successes, discuss issues and/or concerns. This professional learning gathering will be a conversation of discipline experts to help CTE faculty better serve CTE students. Join us!

[Register for Noncredit to Credit](#)

- 11.1.2 [OER Newsletter](#), The ASCCC Open Educational Resources Initiative (OERI) provides statewide professional development and funding opportunities to support the expansion of the adoption of Open Educational Resources (OER) in the California Community Colleges. “OER” refers to teaching and learning materials that are freely available online for everyone to use and includes course modules, lectures, homework assignments, lab and classroom activities, pedagogical materials, games, simulations, and many more resources contained in digital media collections from around the world (as defined by OER Commons).

## 12. FLOOR ITEMS (Reserved to raise concerns within the Academic Senate scope. Senate will hear your concerns/questions, but cannot respond. If requested, the concern can be included on a future agenda.)

## 13. ADJOURNMENT (1:55 P.M.)

**The next Academic Senate meeting is scheduled for Tuesday, January 11, 2021.**





# Chaffey College

## Maintenance & Operations



Ament Commercial Photography, 2014







## Topics

- Maintenance Department Update
- Facilities Development Update
- Central Plant Update
- COVID Pandemic Prep Update
- Partnerships
- Questions



## Maintenance Highlights

- **Server Room HVAC Full Replacement**
  - Upgraded old and failing infrastructure to support sudden online demands during pandemic. Provides needed resiliency and redundancy to ensure student success.
- **Upgrades to Building Automation @ Chino Center and Chino IT.**
  - Allows for remote monitoring and operation of system from Rancho Campus Central Plant. Improved response and cost savings.
- **Beeks Lab – Duct Work Modifications/Air Balancing**
  - Improvements for instructional areas and overall system performance
- **Preventive Maintenance /Work Orders**
  - Pandemic provided opportunity for extensive equipment maintenance, repairs, or replacement.



**PREVENTIVE MAINTENANCE**





# Maintenance

## Work Order Update

Maintenance Direct & PM Direct

- **25,427** work orders completed since November 2014
- Completed/Closed **2200+** work requests during past 10 months
- **Only 320** work orders currently in progress and waiting completion





## Grounds Highlights



- **Moving Toward Battery Powered Equipment**
  - As part of our ongoing sustainability efforts we are testing battery powered riding lawnmowers and other battery power grounds equipment. Reduce emissions and noise levels
- **Converting All Irrigation Controllers to an Online Smart Clock Model**
  - The controllers will operate on evapotranspiration (or “E.T.” watering)
  - System gathers data from local weather stations and automatically adjusts watering times to all irrigation based on current climate /weather conditions
- **Landscape / Infrastructure Improvements**
  - Campus wide improvements to landscape
  - Converting to Xeriscape/drought tolerant when feasible
- **Goats and Sheep to Mobilize**
  - A new vendor has been identified to control weeds with goats and sheep at the Chino acreage and are scheduled to begin early 2022.





## Operations Highlights



- Ongoing efforts to deep clean/detail all buildings during COVID shutdowns when campus occupancy load limited
- Purchased new Multi Brush Carpet Cleaners to improve ability to rapidly clean and maintain carpeted areas
- Upgraded Floor Scrubbers and Buffers to polish floors
- Ongoing assessment and adjustments (if needed) to all cleaning protocols.
- Ongoing review of staff assignments to maximize efficiency and productivity to ensure clean facilities





# Facilities Development

## Completed 2020-2021 Projects

- Campus Wide Parking Lot & Road Rehabilitation Project
  - 3.3 Million Square Feet - Across all campus locations
- Fontana, FNAC & RM Lewis Carpet and Electrical Replacement Project
- Museum Gallery Roofing Project
  - Full replacement of main roof
- Vineyard Rehabilitation Project
  - New vines and fencing . Marquee signs in design/production now
- Des Laurier Lab (DL) Lighting/ Automation Integration Project
  - LED upgrades to support sustainability / energy savings
  - Smart controllers for enhanced lighting schemes for instruction.
- Chino MIB Boiler Replacement
- Fontana Intech Electrical Upgrades to support expanded instruction
- CCE Signage and Tenant Improvement (Student Life /International Students)
- SSA 202-204 Tenant Improvement (Human resources expansion )







## Facilities Development



- HVAC 1.0 Replacement Project, Rancho Cucamonga Campus
  - 17 new units. Supply chain issues causing delays (12/21 completion)
- Duct Cleaning Survey Completed All Campuses – Bids being reviewed for approval and implementation in early 2022.
- Chino MIB Bookstore Tenant Improvement (12 /21 target for completion)
  - Expansion to support additional food service options and student gathering space
- HVAC 2.0 Replacement Project Survey – All Campus Locations (Jan. 2022)
  - Will replace any HVAC unit older the 8 years
  - Will improve efficiencies and support sustainability efforts
  - Project will include a Certified Industrial Hygienist review and air quality analysis



# Central Plant



- Permanent Load Shifting Monitoring Indicating Optimum Thermal Energy Storage (TES) Tank Performance = Maximum Energy Savings
- Full Rebuild of Both Chillers -New lifecycle
- 4 New Boilers installed in Central Plant
  - Phase I of overall campus wide stand-alone boiler project.
  - Campus project (24 boilers) has been engineered and in DSA review now.
- No recent underground hot water loop leaks. DSA Submittal Oct. 2021 for 24 boiler project







# COVID Response

## *Campus Return*



- Efforts from Safe Campus Reopening Taskforce resulted in framework for safe operations and return to campus
- Overall success to campus safety resulting from input from all areas of campus operations
- Development of protocols based on discipline/school specific needs key element. No area is the same



*Slow, **Safe**, Sustainable*



✓ Follow CDC, State, and County guidelines

- ✓ Clear
- ✓ Precise
- ✓ Consistent

- ✓ *Face to Face (biggest challenge)*
- ✓ *Hybrid*
- ✓ *Remote*

- ✓ *Air Quality (highest priority)*
- ✓ *Barriers*
- ✓ *Signage*
- ✓ *PPE*
- ✓ *Disinfecting*







### ***Pre Planning***

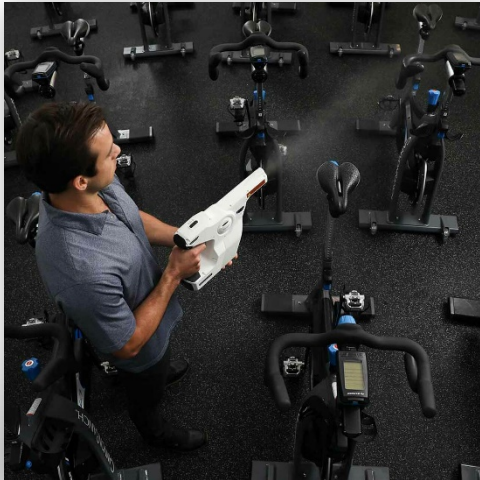
- ✓ Identify PPE and Other Supply Needs – Place Order Early
- ✓ Conduct physical walk-throughs of all areas identified for face to face
  - ✓ Review physical spaces for safe loads and operations
  - ✓ Engage staff from specific discipline/program
    - ✓ Develop specific operational protocols and review for compliance and function before class start or office return

### ***Implementation***

- ✓ Set-up all areas (Plexiglas, signage, PPE) three weeks in advance of return
- ✓ Walk areas (labs/classrooms) with Dean / Managers to ensure all needs are met
- ✓ Walk areas with maintenance personnel to ensure disinfecting schedules defined
- ✓ Final review of specific program protocols
- ✓ Observe first day of reopening operations and make any required adjustments



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- ✓ Building Entry Log (QualTrex Form)
- ✓ COVID On-site Attestation and Signature Log
  
- ✓ Majority of requirements no longer apply such as:
  - ✓ No Temperature Screening Stations
  - ✓ No Plexiglas / No other barriers required
  - ✓ No Disinfecting / Surface Contaminant Concerns
  - ✓ No COVID Occupancy Loads (we limited class/labs to 12)
  
- ✓ District implementing and meeting all Cal/OSHA requirements
- ✓ *Supplemental Air Purifiers / Frequent HVAC Filter Changes*
- ✓ Realignment of physical spaces when required
- ✓ Personal Protective Assessments for Indoor Public Spaces
- ✓ Physical distancing reviews, Path of Travel, Signage
- ✓ *Disinfecting protocols and schedules when applicable*

*Slow, Safe, Sustainable*





- ✓ **950,000 Surgical Masks**
- ✓ **7500 N-95 Masks**
- ✓ **960 Cloth Face Coverings**
- ✓ **1400 Face Shields**
- ✓ **10,340 Hand Sanitizer 16.9 ounce**
- ✓ **400 Gallons Hand Sanitizer refill**
- ✓ **5000 Nitrile Gloves**
- ✓ **30,000 Disinfecting Wipes**
- ✓ **500 cans of disinfectant spray**
- ✓ **70 cases Virex solution**
- ✓ **600 Plexiglas Barricades**
- ✓ **625 FlyWheel Desk Partitions**
- ✓ **590 Air Purifiers**
- ✓ **80 Electrostatic Sprayers**
- ✓ **4 Pallets Roll Paper Towels**
- ✓ **2 Pallets Restroom Hand Soap**
- ✓ **88 Protecus Electrostatic Sprayers**



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12.7.21 | Academic Senate Agenda Packet



AERA MAX<sup>®</sup>  
PROFESSIONAL

## **Additional Air Purifier Survey Underway Now for Spring 2022 Needs**

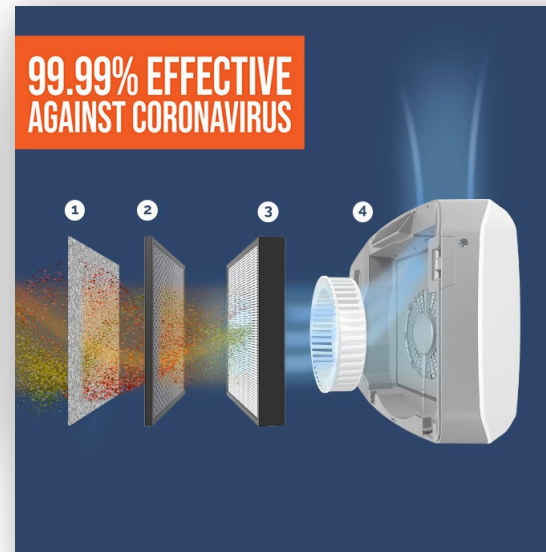
Ducting cleaning for all campuses being scheduled now  
HVAC Unit replacement project underway - Phase 1 of 2 now



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12.7.21 | Academic Senate Agenda Packet





**Provides maximum protection while allowing for fewer filter changes and energy savings.**

Pre-Filter

Active Carbon Filter

True HEPA Filter

PlasmaTrue™ Bipolar Ionizer

## EFFECTIVE & EFFICIENT

4-stage True HEPA filtration provides maximum protection and is 99.99% effective against coronavirus\*.

**Smart technology works hard when contaminants are detected then shifts to standby when the room is empty or when the air is clean.**

## BREATHE EASIER

**99.99%** airborne reduction of a **coronavirus** surrogate within 60-minutes of operation.

**99.97%** of harmful germs, allergens and particulates are removed safely and easily

**Will further augment our existing HVAC systems and provides increased level of safety.**

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## Outside Agency Collaboration /Partnerships

- ***Ensuring relationships and mandates are met with outside agencies***
- ***Frequent meetings / communication pre-emergency event /major disaster***

SB County Office of Emergency Services (OES)

Southern California Edison (SCE)

The Gas Co

Cucamonga Valley Water District (CVWD)

City of Rancho – Fire (Fire Marshal Office and Emergency Manager)

City of Rancho – Public Works and Streets

City of Chino

City of Fontana

OmniTrans

Burrtec Waste

Waste Management

West Valley Vector Control







# Chaffey College

## QUESTIONS ?

