



THE UNIVERSITY OF  
TENNESSEE  
KNOXVILLE

FACILITIES SERVICES

# FACILITIES SERVICES WEEKLY

OCTOBER 16, 2023

## Join Us for This Year's Chuck Thompson Awards Ceremony - Tuesday, October 24

- The nominations are in, the selections are made, and it's nearly time to present the 2023 Chuck Thompson Awards to two deserving recipients. Make plans to join us on Tuesday, October 24th at 1:30pm at the Facilities Services Complex for a brief presentation of these prestigious awards!

## Voloween - Monday, October 23rd

- On Monday, October 23rd from 6:30 pm-8:00 pm, UTK faculty/staff and families are invited to Neyland Thompson Sports Complex for a night of trick-or-treating and games with student-athletes. Each team will have an activity station and costumes by kids and student-athletes are encouraged! Parking will be located across Lake Loudon Drive in G5/G30. Please enter the Complex at the entrance off Johnny Majors Dr.

## Complete Campus Compliance Training & OSHA Training ASAP

- Please make every effort to get campus compliance training completed as soon as possible. OSHA training is due by the end of October. Do not wait to complete this! Reach out to [fstraining@utk.edu](mailto:fstraining@utk.edu) if you have any questions or run into any problems accessing the training. Remember, the computer lab in the complex is available for you to use and your entire team can complete their training at one time!

## Info for Bid Openings at FSC

- As some of you may know, Purchasing is now using our facility for bid openings. If you are involved in or set up one of these bid openings, please notify bidders that our front reception desk will not accept bid packages, as this may not be appropriate procedure. We will however, be providing a lock box that will be located outside of room 101 for any vendors who wish to drop off bids.

## Meeting Scheduling Through 25Live

- Just a reminder that everyone has access to 25Live to reserve rooms in our building & all across campus. The process is very easy and takes just a few minutes to complete. Instructions are available at the end of this newsletter if needed.

## Weekly Safety Stand Down:

- This week, our Safety Stand Down from safety coordinator Melanie Reese focuses on fire prevention as part of National Fire Prevention Month!



## BUILDING SERVICES

### Student Union:

- Office chairs were added to the ballroom from storage for the Board of Trustees meeting. The chairs were detailed cleaned for use.
- Ballroom C carpet was cleaned, and later spot cleaned.
- The third-floor hallway was vacuumed, and the carpet was cleaned.
- The seating area chairs were pulled out and that carpet was cleaned on the third floor.
- The lower windows on L1 were cleaned inside and out. The windowsills were dusted, and cobwebs removed on the outside.
- The seat area on the first-floor carpet next to the information desk was cleaned to remove greasy footprints.
- The ATM area baseboards were dusted and cleaned.
- G1 dining area floor was scrubbed with stripper.
- L1 dining was scrubbed with stripper.
- Windowsills next to the monumental stairs were dusted.
- The L1 seating area floor was cleaned with stripper.
- The windowsills on the Rocky Top Bridge were dusted.
- Stripper was used on the monumental stairs.
- Smokey statues on the plaza and gate 21 were inspected and cleaned.
- Kick plates were cleaned and polished in ballroom C.
- The second-floor lobby in front of ballroom and adjacent seating area carpet were cleaned.
- The glass along the monumental stairs was cleaned.
- 360 spray was used in the Pride Center and offices.
- The third-floor seating area tabletops were cleaned with a magic eraser.
- The plaza was blown out several times after events.

## OPERATIONS & LANDSCAPE

### LANDSCAPE SERVICES

- Welcome new team member Aiden Wright!
- Texas A&M Game: Pre and post-game football operations support.
- Reese Hall: Assist Plumbing Team with excavation for storm sewer catch basin repair.
- Fleming Warehouse: Assist Plumbing Team with excavation for storm sewer.
- Magnolia Hall: Assist Construction Team with excavation for ADA ramp in parking area.
- Campus wide: Aeration and over-seeding of fescue lawns (cont)
- Ayres Hall: Installing plant replacements associated with the December freeze event (cont)
- Snow equipment: Inspect and prep snow removal equipment for the upcoming winter season (cont)
- UT Arboretum: Seed and straw areas disturbed by excavation of a new 600' underground electrical service (cont)
- Tickle College of Engineering: Begin sprucing up landscape and outdoor spaces in preparation for the Accreditation Board for Engineering and Technology visit in mid-October (cont)
- First Impressions Project (near McClung Museum): Installation of new site furnishings on concrete pad (cont)
- UTIA GATOP Gardens: Provide routine common area maintenance (cont)
- Autonomous Mowing Study: Working with several companies to develop a future plan to integrate autonomous mowing units throughout campus (cont)



### LANDSCAPE SERVICES (CONT.)

- Campus Steam/Condensate Leaks: Heavy Equipment Team is supporting excavation for various repairs throughout campus (cont)
- UTIA Business Incubator Bldg: Grade soil and sew grass following installation of new steam and condensate service to the building (cont)
- UTIA EESRB Green Roof: Working with UTIA Administration on a maintenance agreement for the green roof (cont)
- Tom Black Track: Provide excavation for water and storm water repairs (cont)
- Landscape Services Staffing Study: Revise greenspace data to reflect campus changes to the landscape since 2015 (cont)
- Native Burial Mound and Garden: Repair damages to mound and stone council ring from truck incident (cont)
- Urban Forest Master Plan (City of Knoxville): Serving on advisory board
- Military War Dog Memorial: Landscape irrigation and planting renovation in preparation for the 25th anniversary celebration in July (cont)
- Morgan Hall: Ongoing landscape protection support associated with roof repairs, window replacement, and brick tuck-pointing project (cont)
- Vet Med Addition: Participate in the final irrigation and landscape punch list walk with the designer and contractor (cont)
- Irrigation Systems: GPS locate all underground valves, meters, and components. (cont)
- TREC: Provide excavation support to the Plumbing team for repair of steam condensate leak (cont)
- Ayres Hill ADA staircases: Coordinate with FS Design on landscape plan for new staircases (cont.)
- Recruiting to fill vacant positions

### OPERATIONS & LANDSCAPE

#### EVENT & MOVING SERVICES

##### Events:

- Delivered and set up for Undergrad Chem Major Social Event at Buehler Hall Courtyard.
- BSWO Self Care Day Event at Henson north lawn (Horseshoe).
- GSS Movie Night at Student Union Plaza.
- Artist Alley Event at Student Union Plaza.
- Welcome Wednesday Event at Student Union Plaza.
- Mordechai Inbari Talk Academic Event at Hodges Library.
- College of Music Dedication Concert & VIP Lunch Event.
- Office of Sustainability tabling event at Ped Walkway.
- TCE Smores & Pours Event at Engineering Courtyard/Quad.
- Delivered tables, and hauled supplies from 915 22nd street to Clarence Brown Plaza for Free Store Event.
- Transferred supplies from Western Ave. storage to SU Plaza and set up barricades and tables for Alumni Tailgate Event.
- Delivered chairs to NEB 112 for SEC Nation.
- Delivered tables and chairs for AIAS 2023 Pig Roast at quad between A&A &HSS.
- Generator, tables & chairs delivered and set up at Fiji Island section F for AOII 62nd Annual BBQ Event.
- Provided electricity for Legislative Tailgate Event at Haslam Music Center Lawn.
- Delivered chairs for One Minute with Marki Event at HSS North Lawn/Amphitheatre.

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### EVENT & MOVING SERVICES (CONT.)

#### Moves:

- Moved offices at Communications Building rooms 99 and 103B.
- Moved furniture at White Ave Daycare.
- Moved Quanta Ray Laser and power supply from IAMM G034 to Senter Hall room 101.
- Moved 2 49' display's from NEB room 109 to UT Drive Service Building A room 208C.
- Removed and disposed of old desk and broken glass top from Bailey room A327.
- Moved cubicle wall to gain access to patch internet cables at Conference Center room 209.
- Picked up metal desk drawers and delivered to Recycling.
- Moved large cooler out of Einstein's at Haslam Business Building to make way for delivery of new cooler, changed out coolers at A&A, and moved older one to PCB for storage.
- Moved Atrium furniture out of IAMM's for upcoming event.
- Moved Atrium furniture out of Music Building for Dedication event.
- Moved offices from Blount Hall to Cherokee Mills.
- Moved office furniture and other items out of Dougherty 503 to Perkins Hall room 315.
- Moved Centaur display case from 1st floor Galleria Hodges Library to Western Ave. storage facility.
- Picked up and disposed of cubicle components at Baker Center basement storage.
- Moved large solid wood table from room 182 BESS Labs Building to room 163.
- Moved furniture between offices at Ayres Hall rooms 308C,309, 310B.
- Moved furniture from Ferris Hall 315 to 212.
- Moved furniture out of hallway into room 226H at Austin Peay.

- Delivered purchased surplus to Jessie Harris 229, Claxton Education Building 342.
- Picked up 77 Homecoming Banners to prepare for installation for Homecoming week.
- Repaired broken desks at Cherokee Mills.
- Moved observation chambers from Mossman 351 to Hessler 316.
- Moved glass door cooler from Vet School A233 to Austin Peay B111 for repair.
- Loaded and transported percussion instruments from Haslam Music Center to Alumni Memorial Building.
- Moved furniture from Greve Hall 441 to Ferris Hall.
- Moved furniture from White Ave. Early Learning Center to 2016 Lake Ave. Daycare.
- Surplus, Banners, Other:
- Disassembled desk at Communications Building room 448 for surplus to pick up.

## ZONE MAINTENANCE

### ZONE 1

- Staying caught up on work orders in resident halls.
- Got several water leaks at the Carricks fixed.

### ZONE 2

- Communications - switched from AC to heat and checked/replaced lights as needed
- Student Services - switched from AC to heat and checked/replaced lights as needed
- Throughout zone - worked on heating problems, replacing lights, and Gen Building Maint

### ZONE 3

- Zone 3 continues performing Monthly Cooling Tower Inspections and Maintenance

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### ZONE 3 (CONT.)

- Prepping for renovations: Blount Hall, Hoskins Room 191, 1st and 2nd floors at UT Conference Center, 1st floor at Hodges
- Melrose is getting ready for move in
- International House ceiling repairs and duct cleaning are finished
- Howard Baker received new lettering on the front of the building

### ZONE 4

- Repaired a dishwasher pump, motor, OL & contactor at Stokely
- Repaired a pulper and addressed extractor issues at Rocky Top Dining
- Repaired a flat top grill at the Student Union
- Repaired an oven door at Mabel's
- Replaced fluorescent lights with LED at TBA
- Repaired fryer grease clog at the Cumberland Ave. Food Court

### ZONE 5

- Neyland Stadium: Going through for pre game prep before the Texas A/M game.
- Allan Jones: changed out a back wash valve that was leaking.
- Football complex: general maintenance for recruits and visitors.
- Regal soccer: doing building check prior to ladies and One Knox soccer games this past weekend.
- Softball: doing building check prior to weekend softball tournament.

### ZONE 7

- Dougherty : Repaired inoperable light fixtures. AHU and Package Unit filters changed.. Exhaust fan Belt Changes. Coils on Package and Air Handling Units Cleaned.
- Ferris Hall : Repaired grid system and replaced ceiling tiles room 101. Repaired AHU 2nd floor hallway ceiling.
- Perkins Hall : Serviced AHUs. Serviced exhaust fans. Sewer backup in Perkins steam tunnel..
- Min Kao : Working on lights, working on restrooms, working on ceiling tile, doing building checks.
- SERF : Repair eye wash 702A, Repair eye wash 702c, Hang cylinder bracket 331
- Nursing : 4th floor men's restroom repair sensor on toilet 208 cleaned A/C unit to remove dust build up
- Zeanah : fixed fume hood with low flow. Fixed door that wouldn't latch. Diagnosed alarm for radiation system. Assisted nuclear staff with bringing pallets of graphite into the building. Replaced ceiling tiles.
- Tickle : changed ballasts and bulbs in hallway lights and changed bulbs in outside lights. Diagnosed tripped breakers. Got steam back to building due to steam outage.
- AMB: Replaced belts on AHU 2, repaired 3 toilets Flush valves
- Fiber & composites: Replaced Faucets in bathrooms
- Student Union: Changed all lights bulbs in stairwell on phase 1
- Changed filters in all air handlers on phase 1

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### ZONE 8

- We replaced the main supply fan for Greenhouse 14.
- Our One-Call team has been very busy with calls from the dorms and working gameday activities.
- Weekly Archibus requests will be the area of focus for our team this week.
- We are still working with high humidity issues with some of our walk-in coolers in the Food Science building.
- We assisted Evoqua in replacing the mixed bed tanks for the DI system at the CRC Bioenergy building.

### ZONE 9

- We have been having temperature swings at the Early Learning Center on 2010 Lake Avenue this past week.
- We are working with Interstate Mechanical and American Air Filter to fabricate and install a new filter system on the cooling tower at the Facilities Services Complex.
- We will focus on our monthly Archibus work requests this week.
- We are working with the Elkay Water Fountain representative to find a solution to the bottle filling stations' water quality light quickly turning red.

### SPECIALTIES TEAM

- No report received

### SUSTAINABILITY

- The SEIC met for our monthly meeting last week and passed some initiatives:
  - Additional funding for the Sustainable Business Organization (SBO), a sustainability focused research group in Haslam School of Business
  - Funding for Smokey's Cleanup Crew, a volunteering group focused on cleaning litter from UT's campus.
  - Funding for two students to attend the Students for Zero Waste Conference at Swarthmore College in Pennsylvania.
  - Additional funding for the renovation of the UT Gardens Helping Hands Kitchen Garden.
- We recovered around 4000 lbs of food from the Texas A&M game.
- Biketoberfest continues through the month. We are tabling on Ped Walkway each Wednesday to promote and educate about bicycling on campus.
- Some diverted material totals:
  - 331 lbs of donations to the free store, and 335 lbs of materials donated from free store
  - 162 lbs plastic film
  - 10.25 tons of compost collected
  - 2.35 tons of paper
- We have just shipped out our first dumpster load of glass recycling from the public drop-off.





## LOCK & KEY SERVICES

- Hesler Biology – Greenhouse door not secure
- Zeanah – change function of lock
- Min Kao – replace strike
- Ayres – repair/not locking
- Haslam – tighten closet door lock
- Baker – repair door lock/unlock toggle
- NEB – change locks for SEC
- Conference Center – rekey locks
- Communications – rekey locks
- Front office – processing key request, key pick up and drop off
- University Housing – many recores and repairs, assisting as needed

## COMM & INFO

### COMM & PR

- Send any photos of your work team that you'd like to see featured on FS social media directly to Sam at [sjones80@utk.edu](mailto:sjones80@utk.edu) or 865-771-1531!

## TRAINING

- Training Calendar is available online! Visit <https://fs.utk.edu/comminfo/training/> to view upcoming training dates, times and information throughout the year. The calendar is located below the "Login for online training" link. Check back often as new events and opportunities are added often!

- CPR/AED/First Aid training has been scheduled for November 7 and 8. This will be a hybrid course: you will complete an online portion prior to attending class in person. Everyone participating in the program has already been signed up. Rebecca sent out an email to all participants.

## FS IT

Looking for an update or information on the DASH implementation process? Visit <https://liveutk.sharepoint.com/sites/DASHProgram> to learn more!

- Game Day Support
- Networked Irrigation Device Assistance
- New Employee Training
- Security Camera Assistance
- Printer and Misc Computer accessories purchasing
- New Laptop and Desktop setups
- Register HVAC devices for contractors
- Assistance with One Drive
- Teletime Troubleshooting
- Drone Testing

## UTILITIES SERVICES

### A/C SERVICES

- IAMM- Installed rebuilt motor on building air compressor and got up and running.
- Hesler – repair heating water pump
- Hoskins Library – Patched leaking steam coil on AHU#5.
- Neyland – prep AC systems for the Texas A&M game
- JARTU- Installed new compressor and have the unit up and running.
- Museum – repair humidifier in AHU no. 2

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### A/C SERVICES (CONT.)

- Rocky Top dining – got 3rd floor ice machine changed out.
- Hesler – repair heating water system on floors 4&5
- Student Union – rebuild condenser water pump
- UT Culinary- Installed new air compressor and have heat back on the building.
- Anderson Training – Got cooler #8 up and running and delivered back to the job site.
- Humanities POD – Repaired open-face cooler #3.
- Alpha Omicron Pi – Repaired ice machine
- Student Union – Repaired cooler #3.

### ELECTRICAL SERVICES

- Relocate temporary electrical feeder power at McClung Museum jobsite trailer for new Chiller Pad installation
- Installation of Heat Trace electrical circuitry for Mobile Kitchen (Football)
- Troubleshooting and repair of defective electrical power at UT Warehouse (Fleming)
- Pre-game electrical power hook-up of VIP Toilets for Tailgating at UT vs. Texas A & M Football Game (Multiple Locations)
- Troubleshooting and repair of Outside Lighting (Multiple Locations) On Campus
- Replaced Power Quality Meter at Haslam Business
- Troubleshooting and repair of Electric Vehicle Charger at Temple Building
- Programmed Cold Storage Lights at Mossman Engineering Building
- SCADA System Programming
- Fire Watch for UT vs. Texas A & M Football Game

- VIP Toilet Tailgating electrical during the game and Fire Alarm Calls
- HV field marking of underground HV and LV distribution from daily 811
- Daily update of field findings on 811's website.
- Manhole water Leak-20th Street – MH inspection with a Plumbing shop
- Musco Lighting Support Neyland Stadium
- Tree Lights at Pedestrian Mall
- Transformer Yearly Inspection - Ongoing
- HV field marking of underground HV and LV distribution from daily 811
- Daily update of field findings on 811's website.
- Installation of LED pole lights at TRECS pool
- Clarence Brown Theater outdoor wall lights/support for plumbing shop steam line leak
- HV field marking of underground HV and LV distribution from daily 811
- Daily update of field findings on 811's website.
- Move 1500KVA and 300KVA pad-mounted transformers from Middlebrook to the Main substation
- Repair conduit at Golf Practice Facility
- HV field marking of underground HV and LV distribution from daily 811
- Daily update of field findings on 811's website.
- SERF Steam Line support through Serf's electrical yard
- HV field marking of underground HV and LV distribution from daily 811
- Daily update of field findings on 811's website.
- Support SCADA installation Main substation and Laurel substation
- Senter Hall Utility power investigation

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## ELECTRICAL SERVICES (CONT.)

### Fire Alarm:

- Neyland Stadium troubles going in and out of alarm from Zeanah and disabling/enabling devices for the AC shop.
- Zeanah fire panel trouble, card 13 earth ground trouble.
- JARTU cleaned the dirty smoke detector in mechanical room 3.
- Melrose Hall clean dirty smoke detector.
- Presidential Court fire alarm due to flow switch alarm from water outage at Cumberland Ave.
- Nielsen's Physics replaced the duct detector on the 5th floor.
- Chi Omega disables/enables smoke detectors for plumbers.
- Hodges assist Simplex in testing the Hot Keys on the fire panel while doing a sprinkler inspection.
- Student Union replaced duct detector.
- Chi Omega disables/enables fire alarm devices for the AC shop.
- Hodges disable/enable devices for plumbers.
- UT Conference Center assisted MASCO with a shut-off valve replacement on the NW stairwell.
- Min Koa disabled/enabled smoke detectors in the 5th and 6th-floor communication rooms.
- HPER disable/enable smoke detectors for maintenance.
- Rocky Top fire panel - AV in freezer shorting out.
- UT Conference Center wire up new tamper switch.
- TBA takes sounder bases off the wall in the Ray Mears room for wallpaper installation.
- Vol Hall remount AV on the 6th floor hallway.
- Creamery disable/enable smoke detectors for the AC shop.

## PLUMBING SERVICES

- Leak in room 110 in Middlebrook Building
- Claxton Education Bldg. hose bid replaced on the back of the building
- Dougherty Engineering room 329 safety shower is leaking.
- Andy Holt Tower's 6th floor needs a new bottle filler.
- Rocky Top Dining sink unattached and fell down inside the cabinet
- Installing Kitchen sink at Hoskins Library
- Morgan Hall room 304 toilet flange needs replaced
- Food Safety room 22 leak on DI line about air damper
- Stokely Fresh Market dish room floor drain stopped up
- Presidential Court Urinal is stopped up 2nd floor
- Hodges Library Water fountain on 1st floor needs to be replaced with bottle filler
- Hodges Library replaced Zurn Hydrant on the side of the building
- International House replaced the Zurn Hydrant on back of the building

## STEAM PLANT

- Finished the fabrication of the fuel tank header
- Pressure and leak-tested fuel tank header
- Replaced 3" valve on water softener
- Test ran the 2mw generator

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## CONSTRUCTION SERVICES

- Anderson Training: Connections for oven in Smokey's
- Art and Architecture: Build a wall 312; Remove walls 431; Pressure wash and repair pavers on 3rd floor terrace; Install Unistrut grid for camera and lights 235; Receptacle and data 117
- Austin Peay: paint and carpet 310E & F; Paint baseboard white 312C; Paint and carpet 301F, 410B
- Auxiliary Services: Electric work for equipment 139
- Ayers Hall: Make offices on the 3rd floor; Patch and paint 314 and 326
- Bailey Education: Paint A527; Paint and carpet A509
- Baker Center: Office renovations on 1, 2, 3; New sign
- Biosystems Office Building: Wiring for cubicles; Flooring for 110
- Brehm: Add 2 receptacles and raceway for data ports 148
- Campus: Water meters for cooling water make-up; Wayfinding from Vol Hall parking to Student Union
- Carrick Hall North: Paint walls on all floors
- Classroom Renovations 2023: Multiple buildings on campus
- Claxton: Change 4th floor women's restroom to all gender restroom; Paint & carpet 441, 443; Paint 121
- Clement Hall: Install trash compactor
- Communications: Remove door and fill in wall 107E; Remove shelving, paint, carpet 98, 99, 100
- Conference Center Building: Move State Comptroller 307; Paint and carpet 4th floor; Renovate Suite 313; Redesign suite 309; Paint 308B
- Dabney Buehler: Renovate 204G for students lounge; Renovate 655 for staff lounge; Install dishwasher 302; Repair water damage 302; Carpet 481
- Dougherty Engineering: Renovate restrooms on 1st and 3rd floors
- Early Learning Center: Install new stove
- Equity and Diversity: Install a ramp
- Facilities Services: Reinstall wind turbine; Construct new office spaces
- Ferris Hall: Remove doors into 101A and 101B-add door from foyer into rooms
- G-3, G-4, G-13 Garages: Install counting systems
- Glazer Building: Renovation for classroom
- HPER: Paint B020; Paint and carpet 328
- Haslam Business Building: Switch access controls to UTPD server
- Hesler Biology: Electric work 114; Renovate 104 and 105 for labs; Repair ceilings on 5; Remove growth chamber 245
- Hodges Library: Renovate suites on 1st and 6th floors; Cabinets and furniture G016; Extend cubicle space in Veterans Center; Patch and paint 305D
- International House: Interior painting on both floors
- Jessie Harris: new door 229
- Kingston Pike Building: Cubicle repair; Electric, painting, flooring 123
- McClung Tower: Paint and carpet 719; New blinds 610A
- Morgan Hall: Paint and electric 121; Paint and carpet 225
- Perkins Hall: Paint and carpet 315
- Pratt Pavilion: Repairs to settled concrete
- Mossman Building: Renovate labs 343 E & F, 351 E & F
- Reese Hall: Paint entire building; Resurface deck and parapet
- Rocky Top Dining: Add bagel making station 110
- Senter Hall: Electric and utility work for JEM unit
- SERF: Renovations for 106 and 108; Electric and lab exhaust 109; Electric in 506; Electric in 410
- Sorority Village: Add card reader to gate

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## CONSTRUCTION (CONT.)

- Stokely Hall: Receptacle and data for menu board
- Stokely Management Center: receptacle for digital signage; Data Center move from M2 to M3
- Strong Hall: Lab renovation in 720F; Install fire shutter 317
- Student Health: Renovate 288A and 288B for offices; Fire Alarm paging
- Student Rec and Fitness Center: Replace outdoor pool fence; Repair/replace roof on shade structures; Change outdoor pool lights to LED; Locks for fence; Repair fence at basketball courts
- Student Services: Paint 209B
- Student Union: Electric work and counter top G3002C; Paint 246; Install monitor 382D
- Taylor Law: Carpet Dean’s suite 278 and conference room 277
- Temple Hall: Blinds 1st floor corridor
- Thompson Boling Arena: Utilities for compactor; Electric and data for digital menu board
- UT Arboretum: Electric service to Holly Garden
- UT Drive Building A: Install door 131A
- UT Drive Building B: Receptacle in wind tunnel
- UT Drive Building C: Assemble 4 beds for Nursing
- UT IAMM: Electric and utility work G025; Electric, utilities, pit modifications G007
- UT Warehouse: Paint and carpet 115
- Walters Academic: Carpet E210; Remove room E202A and repair surfaces
- Zeanah Engineering: Office furniture 276, 375, 376; Add compressed air tank G169A; Door for 302B
- Zeta Tau Alpha: Replace some indoor lights; Interior painting

- 1610 University Ave.: Hold open on corridor door; Move door 230A
- 1817 Melrose Ave.: Add door bell



- Facilities Services Complex Break Room & Shop Area
- Steam Plant (near time clock)
- Steam Plant Hill (Landscape Trailer)
- Hodges Library 1st Floor Service Hallway
- SERF Outside of Room 426
- The electronic employee comment box can be found at [tiny.utk.edu/fscommentbox](https://tiny.utk.edu/fscommentbox)

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# WEEKLY SAFETY STAND DOWN

## SMOKE ALARMS & CARBON MONOXIDE DETECTORS

Smoke alarms save lives, but only if they work!

Did you know that a working smoke alarm significantly increases your chances of surviving a home fire? Unfortunately, many homes do not have a smoke alarm installed or do not keep their smoke alarms working. The National Fire Protection Association's (NFPA) statistics indicate that in half of reported home fires in which smoke alarms were present but, did not operate, the batteries were found to be missing or disconnected. This often happens when the smoke alarm goes off while cooking or when the smoke alarm "chirps" at two in the morning. Keep your smoke alarm maintained and your family safe.

**Here are some important steps you can take to help reduce the risk of fire when cooking at home:**

- Mount smoke alarms at least 10 feet away from cooking appliances to minimize accidental activation.
- Clean your smoke alarm regularly.
- Replace the batteries at least annually, even if you have hardwired devices as they have a battery backup or replace the smoke alarms with a 10-year battery smoke alarm.
- Test your smoke alarm monthly.
- Replace you smoke alarm every 10 years.
- Place a smoke alarm on every level of your home and outside of bedrooms.

Smoke alarms have come a long way over the years. There are some equipped with a "hush" button so you can silence an accidental activation. Some are battery operated and through WIFI become interconnected like a hard-wired smoke alarm without all the wires. There are now 10-year sealed smoke alarm units which you cannot remove the battery. There are also combination smoke and carbon monoxide. All of these improvements were made to increase the chances that the device works when it is needed, but like everything, they need to be maintained.

Smoke alarms cost as little as \$10 and value packs cost around \$35 for 6 devices. That means these are a small investment that could save you and your families life. Invest!

### Carbon Monoxide Detectors

Carbon Monoxide (CO), often called the invisible killer, because it is an odorless, colorless gas created when fuels (such as gasoline, wood, coal, natural gas, propane, oil, and methane) burn incompletely. In the home, heating and cooking equipment that burn fuel are potential sources of carbon monoxide. Vehicles or generators running in an attached garage can also produce dangerous levels of carbon monoxide.

Symptoms of CO poisoning are similar to the flu, but do not include a fever.

Symptoms include: Headache -Nausea -Fatigue -Dizziness -Shortness of breath

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# WEEKLY SAFETY STAND DOWN

## SMOKE ALARMS & CARBON MONOXIDE DETECTORS

Take steps to prevent the chances of CO poisoning by inspecting and maintaining equipment that burn fuels and install a Carbon Monoxide detector. Treat your CO detector like a smoke alarm and test it monthly, replace the batteries annually, and replace the unit every 10 years.

- Install and maintain CO alarms inside your home to provide early warning of CO.
- Install CO alarms in a central location outside each separate sleeping area and on every level of your home.
- Use portable generators outdoors in well-ventilated areas away from all doors, windows and vents.
- Make sure vents for the dryer, furnace, stove and fireplace are clear of snow and other debris.

CO alarms detect the presence of carbon monoxide and alert you so you can get out, call 9-1-1, and let the professionals check your home.

The following pages contain additional information on smoke alarms and Carbon Monoxide detectors.

# Smoke Alarms at Home

**SMOKE ALARMS ARE A KEY PART** of a home fire escape plan. When there is a fire, smoke spreads fast. Working smoke alarms give you early warning so you can get outside quickly.



## SAFETY TIPS

- Install smoke alarms in every bedroom. They should also be outside each sleeping area and on every level of the home. Install alarms in the basement.
- Large homes may need extra smoke alarms.
- It is best to use interconnected smoke alarms. When one smoke alarm sounds, they all sound.
- Test all smoke alarms at least once a month. Press the test button to be sure the alarm is working.
- Current alarms on the market employ different types of technology including multi-sensing, which could include smoke and carbon monoxide combined.
- Today's smoke alarms will be more technologically advanced to respond to a multitude of fire conditions, yet mitigate false alarms.
- A smoke alarm should be on the ceiling or high on a wall. Keep smoke alarms away from the kitchen to reduce false alarms. They should be at least 10 feet (3 meters) from the stove.
- People who are hard-of-hearing or deaf can use special alarms. These alarms have strobe lights and bed shakers.
- Replace all smoke alarms when they are 10 years old.

## FACTS

- ❗ A closed door may slow the spread of smoke, heat, and fire.
- ❗ Smoke alarms should be installed inside every sleeping room, outside each separate sleeping area, and on every level. Smoke alarms should be connected so when one sounds, they all sound. Most homes do not have this level of protection.
- ❗ Roughly 3 out of 5 fire deaths happen in homes with no smoke alarms or no working smoke alarms.



**NATIONAL FIRE  
PROTECTION ASSOCIATION**  
The leading information and knowledge resource  
on fire, electrical and related hazards

Your Logo



# Carbon Monoxide Safety



Often called the invisible killer, carbon monoxide is an invisible, odorless, colorless gas created when fuels (such as gasoline, wood, coal, natural gas, propane, oil, and methane) burn incompletely. In the home, heating and cooking equipment that burn fuel can be sources of carbon monoxide.

- CO alarms should be installed in a central location outside each sleeping area and on every level of the home and in other locations where required by applicable laws, codes or standards. For the best protection, interconnect all CO alarms throughout the home. When one sounds, they all sound.
- Follow the manufacturer's instructions for placement and mounting height.
- Choose a CO alarm that is listed by a qualified testing laboratory.
- Call your local fire department's non-emergency number to find out what number to call if the CO alarm sounds.
- Test CO alarms at least once a month; replace them according to the manufacturer's instructions.
- If the audible trouble signal sounds, check for low batteries. If the battery is low, replace it. If it still sounds, call the fire department.
- If the CO alarm sounds, immediately move to a fresh air location outdoors or by an open window or door. Make sure everyone inside the home is accounted for. Call for help from a fresh air location and stay there until emergency personnel declare that it is safe to re-enter the home.
- If you need to warm a vehicle, remove it from the garage immediately after starting it. Do not run a vehicle or other fueled engine or motor indoors, even if garage doors are open. Make sure the exhaust pipe of a running vehicle is not covered with snow.
- During and after a snowstorm, make sure vents for the dryer, furnace, stove, and fireplace are clear of snow build-up.
- A generator should be used in a well-ventilated location outdoors away from windows, doors and vent openings.
- Gas or charcoal grills can produce CO — only use outside.

## HOME HEATING EQUIPMENT



Have fuel-burning heating equipment and chimneys inspected by a professional every year before cold weather sets in. When using a fireplace, open the flue for adequate ventilation. Never use your oven to heat your home.

## FACTS

- ! A person can be poisoned by a small amount of CO over a longer period of time or by a large amount of CO over a shorter amount of time.
- ! In 2010, U.S. fire departments responded to an estimated 80,100 non-fire CO incidents in which carbon monoxide was found, or an average of nine calls per hour.



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