



Maintenance Funding Guide February 2017

The Facilities Management Maintenance Funding Guide provides our customers with a list of services provided, differentiating between those services centrally funded (paid for by state funds) for state supported space and those services that are chargeable to the customer. Centrally funded services are also available at a charge to auxiliary units and units in non state supported space.

Facilities Management operates and maintains UCI facilities as set forth in the University of California Office of the President FACILITIES MANUAL VOLUME 6. Our priorities are aligned with the campus mission, and undergo constant reevaluation in light of budget and other external constraints.

Building Systems and Equipment Maintenance

Facilities Management generally will maintain fixed equipment and building systems (roof, HVAC, floor coverings, built in casework, etc.) that are original to the building to ensure the equipment or building system retains its functionality for its anticipated useful life as specified in the UCOP *Useful Life Indices for Equipment Depreciation* (<u>http://eulid.ucop.edu/index.php</u>). Facilities Management will work with campus units to determine who should maintain specialized research equipment.

The FACILITIES MANUAL reference above makes clear distinctions between maintenance, repair and replacement that have implications as to how the work is undertaken, as well as impacts on funding and approval processes. In the event the cost of the maintenance or repair of the equipment becomes unreasonable as compared to replacement, or the equipment has reached the end of its useful life, Facilities Management will work in partnership on a resolution/replacement with the effected department.

Building Systems and Equipment Replacement

Facilities Management, in partnership with the campus, maintains a deferred maintenance list and uses deferred maintenance funding to replace equipment as funds are available for this purpose. If such funds are not available the department may opt to wait until funds are available or repair/replace the equipment with appropriate departmental funds.

Facilities Management does not pay for the replacement of specialized research equipment. Facilities Management will work in partnership on a resolution/replacement with the effected department. In addition, space that is being used for purposes other than originally designed will not be supported for the unintended use.

Facilities Management's Prioritization of Services

Due to current economic conditions and the continued campus growth, we developed this guideline for prioritization of services to assist you in managing expectations for the work we provide.

Priority 1

An emergency that requires an immediate response: ASAP

Priority 2

A problem that effects campus research, classrooms, and lecture halls (non-emergency): up to 3 weeks

Priority 3

Routine service call: up to 8 weeks

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Service Area	Centrally Funded Services for State Supported Space	Priority	Recharge Services	Priority
	Carpet repair and floor tiles in common areas only	3	Broken file cabinet	3
	Caulking windows	3	Clocks – supply and installation in non- common space	3
	Ceiling tile repair and replacement (T-bar ceilings)	3	Exterior fountains (by agreement)	3
	Clock battery replacement in general assignment classrooms and common space only, change time for daylight savings time in general assignment classrooms and common space only	2	Lamp sleeves	3
			Lamp replacement for desk light fixtures	3
	Cove base repairs (rubber)	3	Floor tiles	3
	Dead animal pickup; Interior Only	1	Full spectrum lights (by exception, Facilities Management review required)	3
	Desk and chair repair in general assignment classrooms only	1	Paper towel dispensers – hang additional	3
	Exterior fountains (If no recharge agreement)	3	Ultraviolet (UV) lights	3
	Fire extinguisher cabinet repair/replacement	2	Window blinds – changes of any kind	3
	Fire extinguisher – hang existing	2	Window tinting	3
	Fume hood cables, sashes, lights and guards	2		
	Graffiti removal	1-2		
Building Maintenance	Lights and light fixtures, lens diffusers, ballast replacement	3		
	Projection screens (electrical types) and projection equipment in general assignment classrooms only	2		
	Rain Gutters	2		
	Rain leaks – ceilings and windows	1		
	Respond to floods	1		
	Restroom partitions and mirrors	3		
	Restrooms: paper towel dispensers, sanitary dispensers, soap dispensers, toilet paper and seat dispensers, toilet seats	3		
	Replacement and/or repair of cove molding and vinyl floor tiles in common areas	3		
	Roof hatch	1		
	Roof - minor repairs	2		
	Stair treads	1-2		
	Task Lighting (Lab Benches) – if part of original building	3		
	Window blinds and screens repair and replacement	3		
	LEGEND: Priority 1: ASAP: Priority 2: Up to 3	Weeke, Dri	iority 2: Up to 9 Mooke	

LEGEND: Priority 1: ASAP; Priority 2: Up to 3 Weeks; Priority 3: Up to 8 Weeks

Common space: hallways, building lobbies, elevators, restrooms; Personal space: all other space not common space

General assignment classroom: any classroom scheduled through Scheduling and Conference Services Some centrally funded services for state supported spaces are provided as time/budget allow This list Is not exhaustive; please call the service desk if you have any questions or need clarification

Facilities Management Maintenance Funding Guide				
Service Area	Centrally Funded Services for State Supported Space	Priority	Recharge Services	Priority
	Window seal repair	2-3		
Building Records Unit	As-built drawings Building documentation Electronic floor plans	2 2 2	Copies of as-built drawings	2
Carpentry	Baseboard repairs (wood) Cabinet drawer and door repair if part of original building Deck repair Door repair Door stop, hinge, sweep installation, threshold Drywall patching in common areas Millwork/decorative wall systems, if part of original building Restroom partitions White board repairs in general assignment classrooms only Windows – Emergency response for broken windows Wooden handrails and steps repair and replacement	3 3 2-3 3 2 3 2 3 2-3 1 2-3	Ceiling tile and T-bar ceilings in new construction Construction and/or installation of cabinets, countertops, mail slots, shelving and miscellaneous casework Earthquake restraints: shelves, cabinets, bookshelves, file cabinets, freezers, or other such furniture or equipment Furniture finishing, touch up, and repair Installation of mounts for flat TV Keyboard tray repair and/or replace Modular furniture and partition systems configuration and installation, repair Perform minor alterations - including build or take down walls, move or add doors including accordion or pocket doors, install or repair drop ceiling, build soffit, build decks or staircases, install windows, install restroom partitions, install vinyl flooring Picture framing, picture hanging, bulletin board/whiteboard/chalk board installation or moving	3 3 2 3 3 2 3 3 3 3
Central Plant	Air compressors - central Air handlers – ancillary equipment Chilled water – ancillary equipment Emergency generators Heat exchangers High temperature hot water – ancillary equipment Industrial hot water heaters Motors – excluding individual rooms/labs Pool – Crawford Hall equipment (by agreement)	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Chemical treatment for pools Vacuum pump systems in individual labs Water systems in individual labs: DI, RO and Soft water system filters, valves	2 2 2

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	Process cooling systems – central	2			
	Pumps – excluding individual rooms/labs	2			
	Steam boilers - excluding individual rooms/labs	2			
	Steam generators - excluding individual rooms/labs	2			
	Steam supply - central	2			
	Vacuum pump systems – central	2			
	Valves – isolation and control – on listed equipment	3			
	Water systems - central: DI, RO and soft water systems	2			
	Clean Carpet in common areas	2	Carpet cleaning in offices and other occupied space	2	
	Cleaning – routine cleaning services*performed in common space such as building lobbies, hallways and restrooms as well as in offices, laboratories, general	2	Cleaning beyond established schedule	2	
	assignment classrooms only and other supported areas		Glass cleaning – Interior and exterior High cleaning	2 2	
	Restroom supplies	1		2	
Custodial	Spill cleanup in common space	1	Pressure wash (inside or outside)		
Services	Trash removal – regular trash in standard containers	2	Paper supplies and trash cans outside of restroom areas, floor matting outside of	2	
	Unlock / lock of building entrance doors and general assignment classrooms only	1	common space, and the removal of irregular trash items or excessive accumulations above and beyond everyday norms.		
	Wash / wax floors in common areas	2	Vents – clean grills	3	
	*Routine cleaning services include emptying trash, sweeping and/or mopping and/or vacuuming floors	2	Wash / wax floors in laboratories and other occupied space	2	
			Window Washing	3	
	Blue light system	1	Blue light system (Housing)	1	
	Clocks in hallways (Aldrich Hall, Kreiger Hall, Med Sci,	2	CAT5 cable installation	2-3	
	Social Science Tower)	4	Electrical outlets installed or moved	2-3	
	Electrical power and controls for building heating and cooling systems, compressors, vacuum pumps	1	Emergency power	2-3	
Electrical	Electrical systems including switch gear, circuit breakers, transformers, panel boards – maintenance	1	Fire caulking	2-3	
	and repair		GFI outlets	2-3	
	Emergency lighting and exit signs	1-2	Lights in parking lots and parking structures	1	
	Fire caulking – for installation and repairs performed by	3	Light switch installed or moved	2-3	
	Facilities Management	~	Panel boards, transformers, conduit and wire for new equipment not original to building, or	2-3	
	GFI in restrooms LEGEND: Priority 1: ASAP: Priority 2: Up to 3	2 Maaka: Dri	renovated space		

LEGEND: Priority 1: ASAP; Priority 2: Up to 3 Weeks; Priority 3: Up to 8 Weeks

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Service Area	Centrally Funded Services for State Supported Space	Priority	Recharge Services	Priority	
	Hand dryers; repair of existing in common space Lighting repairs indoors (lamps, ballast, lighting controls) Lighting repair outdoors, attached to building and standalone (lamps, ballast, lighting controls, light poles, bollards) Light switches (toggle) Master clock systems Meter reading Occupancy sensor Photo sensors Street lights Time clocks for lighting	3 2-3 1-2 1-2 1-2 3 1-2 2 1 1-2	Phone/data line installation Power outlet raceway installation Power for specialized equipment installation Specialty lighting systems and controls (track lighting, down lights, and dimmers)	2-3 2-3 3 2-3	
Elevator	Transformer replacement/installation Entrapments	1	After hour non-emergency requests	2	
Exterior Construction	Maintenance and repair Asphalt repair Building letters (Exterior) – if part of original building Ceramic tile Concrete bench repair Concrete cutting Core drilling Curbs Directional sign leaning Speed bumps Street Maintenance Stucco repair Trash enclosure repair Trip hazard repair	2 2 3 2 2 2 2 2 2 2 3 3 3 2 1	Elective aesthetic items Brick / block work Building letters Installing or hanging street signs/banners Monuments Plaques (exterior) Signs Sign post removal/installation	3 2 2 2 2 2 2 2	
	Fire extinguisher maintenance/servicing	1	Additional fire extinguishers – purchase	2	

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	Fire extinguisher replacement	1-2	Installation of fire extinguishers	2
Fire	Fire hose servicing	1-2		
Extinguishers	Fume hood fire extinguisher servicing (ADX Units)	1		
	(Repair of fire hose/ext cabinets – See Building Maintenance)			
	Fire alarm control panels	1	Central station alarm monitoring support:	2
	Auxiliary power supplies	1	New account programming for fire systems	
	Remote annunciator panels	2		
	Duct detectors	1		
	Smoke detectors	1		
	Heat detectors	2		
	Beam detectors	2		
	Manual pull stations	1		
	Water flow switches	1		
Fire Systems	Tamper switch valves	2		
(Under	Pre-action systems	1		
Supervision of	Foam sprinkler systems	1		
EH&S)	Magnetic door holders	2		
	Won-doors	1		
	Roll down doors	1		
	Smoke screens	1		
	All types and combinations of audio visual devices	2		
	Battery replacement	2		
	Programming	2		
	Central station alarm monitoring support: Database administrative updates & account programming for fire alarm systems	2		
	Dead animal pickup; Exterior Only	1	Special services and events	2
Grounds and Landscaping	Dirt removal outside building	2		
Services	General landscaping services	2		
	Irrigation system installation, maintenance, and repair	1		

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Service Area	Centrally Funded Services for State Supported Space	Priority	Recharge Services	Priority
	Sand bags Trash cans outside overflow Tree trimming, removal, planting	2 2 3		
High Voltage	ATS monthly testing Emergency power systems including generators, transfer switches, inverters – maintenance and testing	2 2		
HVAC	Air Balancing Building automation controls Energy management system (network, scheduling, programming) Environmental trouble calls Exhaust fans Fume hoods Room pressurization (directional air flow) Variable frequency drives Zone controls (thermostats, VAV boxes, mixing boxes)	3 2 2 2 2 2 2 2 2 2 2 2 2	After hours air conditioning	2
Lock Shop	Door locks Door closures Crash bars Electric Strikes (External Doors) – if part of original building Electronic Timers for Door Openers (External Doors) – if part of original building Gate locks Padlocks Glass door locks Fire door operators Handicap door openers Handicap paddle switches and batteries	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Badge holders Battery operated stand alone door locks Batteries for all battery operated door locks and alarm boxes Card keys and card key programming for individual users Cylinder pins Electric exit devices Electric locks and battery operated alarm boxes Electric strikes Electronic timers for door openers Keys and rekeying Locks for cabinets, desks, and mailboxes Lock programming	2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 2

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Service Area	Centrally Funded Services for State Supported Space	Priority	Recharge Services	Priority
			Standalone and wireless door locks & card readers	2
Metal Fabrication	Chilled water distribution Pipe welding Custom metal fabrication Dampers (control, isolation, fire, fire/smoke) Duct work General maintenance/repair welding	2 3 3 3 3 3	Bollards Custom metal fabrication Gas cylinders (restraint / move) Special request sheet metal fabrication Special request welding	3 3 3 3 3 3
	High temperature hot water distribution pipe welding Sheet metal fabrication Structural welding	2 3 3		
Moving & Event Services (was Building	General assignment classroom support – furniture and supplies, including disabled student classroom support Emergency cleanups – flood and leaks Forklift - supply Graffiti removal - exterior Pressure washing - exterior	2 1 2 1 2	Event support: rental of tables, chairs, easels, and associated equipment, open and close buildings on off hours, trash cans, event setup and cleanup Forklift and operator for special events and campus moves Office and laboratory moves Removal of furniture and equipment items	2 2 2 3
Services)	Poster removal	3	Salvage items pickup Uncrate and move equipment from campus Receiving	2 2
Paint	10 year main entry floor Patch and painting in common areas	3 3		
Pest Control	Inspection, pest management and prevention	2		
	Air and vacuum systems *Autoclaves	2 2	All plumbing services on personal lab equipment and specialized research equipment	3
Plumbing	*Backflow testing *Bottle washers *Cage washers Caulking sinks	2 2 2 3	Dryers Eye wash stations – installing additional Exterior fountains (by agreement) Fire Systems – installing additional	3 3 3 3
	Ceiling leak LEGEND: Priority 1: ASAP; Priority 2: Up to 3	2 Weeker Bri	Gas cylinders (restraint/move)	3

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Service Area	Centrally Funded Services for State Supported Space	Priority	Recharge Services	Priority	
	Compressed air pipe	2	Hydration Stations	3	
	Condensate line	2			
	Deep well pumps	3			
	DI water	2			
	*Dishwashers	2			
	Domestic hot water systems	3			
	Drinking fountains and filtered gooseneck bottle fillers in common space	2-3			
	*Eyewash stations and safety showers drench hose testing and repair	2			
	Faucets	2			
	Fire caulking – for installation and repairs performed by Facilities Management	2			
	Fire hydrants	1			
	Fire system repairs	1			
	Flush valves - auto and manual	1-2			
	Fountains (exterior) - water issues (If no recharge agreement)	3			
	*Fume hoods: air valve leak, knob, vacuum, water leak	1-2			
	*Garbage disposal	2			
	Gas main repair	1			
	Gas smell	1			
	Hydration stations filter changes in common spaces	2			
	*Ice Machine leaking water	1			
	Industrial hot water heater	2			
	*Nitrogen hook up to fume hood / nitrogen valve to fume hood	2			
	Pipes and plumbing fixtures that came with the building	2			
	Pressure gauge for air table	2			
	*Regulators – air and water	1			
	Regulators - gas	1			
	Roof drains	1-2			
	Sewage ejection systems	1			

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Service Area	Centrally Funded Services for State Supported Space	Priority	Recharge Services	Priority
	Sewer main maintenance and repair	1		
	Storm drains	2		
	Sump pumps	2		
	Toilet leaking	1		
	Tunnel washer	1		
	Urinals	1		
	Vacuum lines	1		
	Water filters	1		
	Water heaters (gas / domestic)	3		
	Water main repair and valve exercising	2		
	Water meters maintenance, repair, and replacement	2-3		
	Routine scheduled recycling services performed in building and common space such as offices, kitchens,	2	Recycling beyond routine schedule	2
Recycling Services	copy rooms, conference areas, laboratories, general assignment classrooms, loading docks, plazas, and other supported areas.		Removal of large or excessive amounts of recycling material (e.g. moving in or moving out of space)	2
	Recycling receptacles in General Assignment Classrooms	1	Recycling receptacles outside of General Assignment Classrooms	1
	*DX air conditioning units (containing Refrigerant)	2		
	*Chillers	2		
	*Computer room DX cooling units	2		
	*Environmental growth chambers	2		
Refrigeration	*Freezers -25° and above	2		
	*Ice Machines	3		
	*Refrigerant recovery / recycling	2		
	*Refrigerated air dryers	2		
	*Walk-in coolers and freezers	2		
	Battery replacement for card access motherboards (system batteries), and wireless card reader batteries for external doors	2	All battery replacement not specified as state funded	3
Security Systems	Repair, maintain, and service door contacts, egress	2	Card access control panels	3
Jysiems	sensors, electronic strikes, hard wire card readers and all the panels and function boards that control both wireless and hard wire card readers if part of the	_	Card access door contacts Card access egress sensors	3 3
	original building			

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Service Area	Centrally Funded Services for State Supported Space	Priority	Recharge Services	Priority
	Repair, maintain and service all control panels	2	Card access electronic door strikes	3
	Program the access groups and time schedules so that	2	Card access card readers	3
	the lock shop department can program the cards for the users	-	Card access pc tab anti-theft devices	3
			Card access programming	3
			Card access system battery replacement	3
			Card access system software updates	3
			CCTV system digital video recorders	3
			CCTV system cameras and camera power supplies	3
			CCTV monitors	3
			CCTV switchers	3
			CCTV system software updates	3
			Security control panels	3
			Security system programming	3
			Motion sensors	3
			Door contacts	3
			Panic buttons	3
			Security battery replacement	3
			Security keypads	3
			Horns	3
			Wireless devices	3
			Security system software updates	3
			Central Station Alarm Monitoring support : New account programming	3
	Elevator numbers	3	Bridge banners	2
	Exterior building door numbers	3	Code and ADA compliance upgrades	2
	Building directories updated quarterly	3	Decorative promotional signage	2
Sign Shop	Maximum occupancy signs in general assignment classrooms only	3	Dimensional lettering	2
			Directory updates in mid-cycle	2
	No food or drink signs in general assignment classrooms only	3	Fire / Life Safety signage stairwell exit	2
	* Replace vandalized room numbers, fire/life safety	2	Graphics for trade shows, research presentations	2
	LEGEND: Priority 1: ASAP: Priority 2: Up to 3			

LEGEND: Priority 1: ASAP; Priority 2: Up to 3 Weeks; Priority 3: Up to 8 Weeks

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Service Area	Centrally Funded Services for State Supported Space	Priority	Recharge Services	Priority
	signage, evacuation maps, rest room signs		Laser etchings and cutting	2
			Light-pole banners	2
			Magnetic lettering	2
			Metal engraving	2
			Nameplates	2
			New: Directory boards, evacuation maps, building ADA sign systems	2
			No smoking signs	2
			Parking related signage	2
			Placards	2
			Reflective lettering	2
			Room Numbers	2
			Stencil cutting	2
			Vehicle lettering	2
			Wayfinding Signs	2
			Window lettering	2

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Services FM Does Not Provide

Art Curation / Art Maintenance

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