CELEBRATING a DECADE of RENEWAL capital construction at UMass 2006-2016

PARDON the INTERRUPTION real-time Service Interruption data now on-line

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Front cover: Joseph Baez, UMass Amherst Class of 2013. Why we’re here. Source:
UMass Amherst Facebook page.

Back cover: Summer’s bounty at UMass Amherst. The Stockbridge School of Agricul-
ture Student Farm Enterprise.

V 16.4
ABOUT THIS CATALOG

A Dynamic Publication

Think Twice Before Printing
This is a “dynamic” PDF intended primarily for electronic viewing. As such, not only do we reduce paper use and costs, but it allows us to update the information in a much more timely and efficient manner. If you must print this material, please double-side (duplex) your printing, and check back often for updated versions.

How This Information is Organized
We’ve organized this information in an intuitive, “user-friendly” format, with Emergency Contacts and Quick References listed first, and the remaining areas of major interest listed in alphabetical order. Please take a moment to familiarize yourself with the topics we cover. As a dynamic PDF, you’ll find working hyper-links in familiar blue (web pages open in a new tab or window), and all the numbered pages have a link at the bottom that will bring you back to this About page. If you can’t find a topic in which you’re interested, please contact us.

Questions & Suggestions
Many of the sections in this catalog contain contact information of people who can help with a specific question. If you’re not sure to whom you should speak, or if you have a general question about Facilities & Campus Services, call 413-545-8000 and we’ll do our best to assist you. If you have a question or a suggestion pertaining to this catalog, contact the F&CS communications manager, Jim Hunt, at 413-577-4767 or jhunt@facil.umass.edu.

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UMass Police/Fire: 911 on a campus phone. If calling on a cell phone, or from off-campus, call direct: 413-545-2121

F&CS Solutions Center: 413-545-6401

Any Emergency Involving Fire, Injury, or Chemicals

Campus Phone
If the emergency involves fire, fire potential, loss of life, bodily injury, life-threatening or criminal activity, chemicals or other environmental hazards, contact the UMass Police by calling 911.

Off-campuse or Cell Phone
The preferred method for reaching the UMass Police using an off-campus or cell phone is 413-545-2121.

All Other Facilities-Related Emergencies

Call the Solutions Center
All other emergencies involving non-residential facilities, grounds, utilities, and residential facilities affecting building-wide or campus systems should be reported immediately and directly to the F&CS Solutions Center by calling 413-545-6401.

24/7/365 Availability
The F&CS Solutions Center is staffed 24 hours a day, seven days a week, 365 days a year.

Non-emergency Service Requests
If the facilities-related issue really isn’t an emergency, but nonetheless requires our attention, please use the F&CS on-line service request form.

Residence Halls
This information applies to all non-residential facilities-, grounds- and utilities-related emergencies; it also applies to residential facilities-related emergencies affecting building-wide or campus systems. It does not apply to residential facilities maintenance, routine or urgent, that is localized in nature and/or does not affect building-wide or campus systems. Localized residential maintenance issues should be reported to the respective residential hall service desk, or, after hours, by calling Residential Life Facilities Operations at 413-545-1966.
QUICK REFERENCE RESOURCES

Phone Numbers

F&CS Solutions Center
545-6401

Facilities & Campus Services Main Number
545-8000

F&CS Administrative Services
545-8000

Campus Planning
545-6560

Design & Construction Management
545-1383

Physical Plant
Alterations 577-4475
Building Maintenance 545-6429
Custodial Services 545-0200
Director’s Office 545-6478
Grounds Management 545-6522
Sustainability Initiative 545-0799
Utilities 545-0605
Waste Management 545-9615

Transportation Services
545-0056
Parking Services 577-PARK (7275)

Web Sites

This Facilities & Campus Services Catalog
www.umass.edu/facilities/fcscatalog.pdf

University of Massachusetts Home Page
www.umass.edu

Facilities & Campus Services
www.umass.edu/facilities

Campus Planning
www.umass.edu,cp

Design & Construction Management
www.umass.edu/dcm

Physical Plant
www.umass.edu/physicalplant

Alterations
www.umass.edu/physicalplant/alterations

Building Maintenance
www.umass.edu/physicalplant/building-maintenance

Custodial and Grounds Services
www.umass.edu/physicalplant/custodial-grounds

Sustainable UMass
www.umass.edu/sustainability/

Utilities
www.umass.edu/physicalplant/utilities-0

Transportation Services
www.umass.edu/transportation/

Parking Services
www.umass.edu/transportation/parking

Service Requests (Non-emergency)
www.umass.edu/facilities/requests
Including:

- General Service Request
- Dig Safe Request
- Indoor Event Support Request
- Key Request
- Meet & Greet Service Request
- Moving Services Request
- Outdoor Event (Land Use) Request
- Pothole Notification
- Space Request
- Surplus Equipment Disposal Request
- Vehicle Access Request
- Vehicle Rental Request
From parking and bus service to pedestrian pathways, from lights and heat to garbage collection, from buildings old and new to the University’s entire carbon footprint, F&CS has a direct and profound impact on the lives of every student, faculty member and administrator on the UMass Amherst campus every day.
We’re here to help.

Our Divisions

Administrative Services
F&CS Administrative Services provides a broad range of centralized administrative functions for Campus Planning, Design & Construction Management, Physical Plant, and Transportation Services. These functions include accounting, accounts payable, billing, capital and operating budgeting, communications, human resources, materials inventory, procurement, and work management, including Customer Service and the Solutions Center.

Campus Planning
Campus Planning supports the overall mission of the University of Massachusetts Amherst by guiding the physical development of the flagship campus through the creation, maintenance and administration of a campus master planning process and Space & Asset Management.

Design & Construction Management
Design & Construction Management is responsible for capital projects, plant adaptation, and other non-maintenance construction on state property within UMass Amherst.

Physical Plant
Physical Plant is responsible for the custodial, grounds, utilities, and building maintenance for nearly 6 million square feet of administrative, academic, and recreational space at our Amherst campus. Among the many services we provide are building alterations, sustainability, event planning, moving services, pest control, waste management and recycling, snow and ice removal, asbestos removal, key coring and duplication, and Dig Safe permits.

Transportation Services
Transportation Services provides a variety of programs designed to enhance ground transportation options essential to the campus mission including bus and van service, Special Transportation Services, service for passengers with disabilities, as well as parking services for employees, students, and visitors to our campus.
The Facilities & Campus Services Organizational Chart

Associate Vice Chancellor
Facilities & Campus Services
Shane Conklin

Director
Administrative Services
Larry Snyder

Interim Director
Campus Planning
Tom Shaw

Director
Design & Construction Management
Tom Shaw

Director
Physical Plant
Ray Jackson

Director
Transportation Services (Vacant)

Manager
Parking Services
Jonathan King

Manager
Transit Services
Glenn Barrington

Manager
Parking Services

Manager
Transit Services

- Accounting and reconciliation
- Budget and finance
- Communications
- Human resources
- Materials inventory
- Procurement and contracts
- Work and records management
- Customer service and Solutions Center
- Long range physical and environmental planning
- Master planning
- Project programming
- Space and Asset Management
- Design and construction management for renovations, new construction and campus infrastructure
- In-house architectural and engineering services
- Alterations
- Building operations and maintenance
- Custodial services
- Event facilitation
- Grounds maintenance
- Sustainability
- Utility and energy management
- Waste management and recycling
- General parking operations
- Accessible parking
- Parking permits
- Special event parking
- Pay-by-cell
- Citations and appeals
- Fleet maintenance
- Regional travel information
- SpecTrans (special needs) services
- UMass bus operations
- Van & field trip service
- Vehicle rentals
- Alternative transportation
ALTERATIONS

ALTERATIONS performs in-house construction services on small-to-medium size projects. The Alterations construction team is able to effectively and efficiently complete work in close cooperation with the client.

Getting Work Done

The Service Request Form
The Service Request Form must be initiated by the requestor in order to start the process. If the work is assigned to Alterations, a representative will visit the site to understand the general scope and exact location of the work requested.

Estimates and Drawings
If the project is within the parameters of work that can be managed by Alterations and properly funded, a preliminary sketch or drawings will be developed and estimates made for the requestor. A time table will be set and, upon written approval by the requestor, the project will be authorized to move forward. A pre-construction meeting date will be set.

Communication
Regular communication will occur between Alterations and the designated customer contact. At the completion of the project, a walk through with the client will occur at which time a punch list will be developed if there is any remaining work to be done.

Billable Work
All work performed by Alterations is considered billable. This means you’ll need a budget and dean (or departmental) approval before getting started.

We’re Here To Help
If you’d like more information about Alterations, would like some assistance with a project, or simply need a little help filling out the Service Request Form, call your F&CS Customer Service Representative, or the F&CS customer service manager, Melissa Bergeron, at 545-6443.

BILLABLE RATE
Physical Plant’s labor recharge rate for Alterations services is $50/hr.

QUICK FACTS
- The Alterations department is comprised of 42 skilled tradespeople and staff—carpenters, electricians, painters, plumbers, project managers, and administrators.
BUILDING MAINTENANCE

Physical Plant provides routine and emergency repair and maintenance services; this included mechanical, electrical, plumbing, piping, fire protection and structural systems in all campus buildings. With the goal of providing superior customer service, the Physical Plant works to improve the operation and environment of all buildings in support of the University’s mission.

Service Types

**Basic**
Any repair cost associated with the building components that are part of a building’s original design and construction are covered in the operational budget of Facilities & Campus Services.

Services that are covered by F&CS Services include:

- Monitoring of a building’s temperature, humidity and emergency alarms 24 hours a day.
- Maintaining the structural and system integrity of buildings: windows, walls, painting of common areas, doors, locks, lights, flooring, ceilings, roofing; high and low voltage electrical distribution; life safety systems; air supply and exhaust distribution systems; emergency generators; interior and exterior steam, chilled water and heating hot water distribution piping; sanitary and lab waste systems; and domestic water services.
- Repair and replacement of damaged or missing signage.
- Preventative maintenance of building systems.

**Special**
Special services require a charge to the department, please submit a Service Request for an estimate.

Examples that require a charge include:

- Alterations or additions to any original building system.
- Maintenance or alteration to any system or equipment that supports a specific Department or lab function.
- Accessory room features including projectors, projection screens, teacher stations, furnishings, and such other accessory items as may have been installed in the room that are not required for building occupancy or fire and life/safety purposes. The maintenance, repair, and replacement of all accessory items are the responsibility of the department assigned to the space. This includes classroom spaces.
- Painting offices and other non-public areas over and above current levels.
- Support for special/institute and department events.

QUICK FACTS

- Physical Plant Building Maintenance receives approximately 970 service call work orders and approximately 1350 preventative maintenance work orders a month.
- Building Maintenance operations cover 6.5 million square feet of space across campus.

FOR MORE INFORMATION

To schedule these types of services, submit a Service Request Form. If you have questions, contact your Customer Service Representative.

Current and upcoming service interruptions are now available online with continuously updated data and calendars.
BUILDING MAINTENANCE

- All services provided to Auxiliary Services, Athletics, Residential Life and other campus-related non-state funded organizations.
- Signage over and above standard building signs.

Services

Painting
It is the responsibility of Building Maintenance to paint University facilities. A priority list of areas in need of painting is maintained, and work is scheduled, as staffing and resources permit. Requests for repainting areas, outside the normal schedule, or changing room colors, may be made through a Service Request and will be charged to the requesting department.

Departments or users may not do their own painting. This is to assure compliance with, and enforcement of, hazardous materials handling and disposal regulations and to maintain appropriate University conditions, appearance and quality of workmanship.

Examples of non-billable painting include:
- Removal of graffiti
- Painting public areas such as corridors, classrooms, and restrooms
- Painting handrails and light poles

Billable painting services are those where new work or work on non-facility items are accomplished. Examples include:
- Painting departmental equipment
- Any painting as part of renovation work

Electrical
The University owns and operates a complex electrical infrastructure to serve campus. Power is purchased and distributed throughout campus via an underground high-voltage system. The University’s electricians maintain the high-voltage distribution, as well as the building electrical systems.

Examples of non-billable electrical service include:
- Circuit breaker replacement
- Outlet repair
- Street light repair
- Exterior building light repair
- Light fixture repairs, including ballast replacement

Billable electrical services are those where new work or work on non-facility items are accomplished. Examples include:
- Installation of additional outlets or relocating existing outlets
- Installation of dedicated circuits or special voltage
- Installation or repair of department-owned equipment
- Installation of additional light fixtures
- Connecting department-owned furniture and equipment
- Any electrical work associated with renovations
- Standby for special events

Building Maintenance personnel making roof repairs
**BUILDING MAINTENANCE**

**Plumbing**
Plumbing services are provided to maintain the interior and exterior plumbing for campus.

Examples of non-billable plumbing service include:
- Repair and maintenance of all plumbing (pipes and fixtures) integral to the building operating system
- Leaky faucets, drains, and pipes
- Clogged drains in sinks, toilets, urinals and floor drains
- Repair of drinking fountains
- Repair of tanks, valves, traps, heat exchangers, etc.

Billable plumbing services are those where new work or work on non-facility items are accomplished. Examples include:
- Installation or removal of plumbing fixtures
- Repair of plumbing problems related to departmental equipment (i.e. autoclaves, air systems)
- Installation or repair of department-owned equipment (i.e. microwaves)
- All renovation work

**HVAC**
Heating, ventilation, and air conditioning technicians play a vital role in maintaining comfort on campus. They provide services from repair up to and including work such as complete overhaul of a building’s heating and cooling system.

Examples of non-billable HVAC service include:
- Repair of air conditioning units
- Repair of heating and cooling units
- Temperature adjustments
- Air compressor repairs
- Maintaining air handling equipment

Billable HVAC services are those where new work or work on non-facility items are accomplished. Examples include:
- Installation or repair of department-owned equipment, including growth chambers, refrigerators, ice machines, etc.
- HVAC work associated with renovations

**Carpentry**
Carpentry service involves repair to existing building architectural components.

Examples of non-billable carpentry service include:
- Repair of existing doors, doorstops and hinges
- Repair of horizontal and vertical blinds
- Repair to moldings, baseboards and weather stripping
- Replacement of handrails

**BILLABLE RATE**
Physical Plant’s labor recharge rate for Building Maintenance is $49.58/hr.
BUS SERVICE (UMass Transit)

A fare-free public transit bus system serves the UMass campus as well as the Five College consortium and eight surrounding towns. We're committed to providing safe, efficient, and economical mobility for over 16,000 riders every school day. All UMass buses are equipped with bike racks.

QUICK FACTS

- Transit carried more than 3.39 million passengers in FY15 and traveled more than 975,000 miles.
- UMass Transit trains over 60 new CDL Bus Operators each year.

Schedules

For schedule and other information, go to www.umass.edu/transportation/route-schedules. Mobile Schedules providing “real time” bus arrivals are available at m.pvta.com.

Go to PVTA Buses for more information about our routes and service area. Printed schedules are available on our buses, at the UMass Bus Garage, and at the UMass Campus Center concourse information booth.

30 North Amherst/Old Belchertown Road campus shuttle making its rounds
CAMPUS PLANNING

Campus Planning supports the mission and strategic initiatives of the University of Massachusetts by informing and guiding the development of a campus that enhances our vibrant and diverse community. We collect, analyze, and communicate information that helps campus leadership better steward our physical, built, and planned-to-be-built assets. We work toward the vision expressed in the 2012 Master Plan framework through the creation of campus spaces and places, infrastructure that supports future needs, and clear direction toward sustainable facilities. We collaborate inside and outside the campus community and communicate an on-going planning process, supported by the use of dynamic and innovative planning tools, to produce creative, comprehensive, and feasible solutions.
The Campus Master Plan

In April 2012 the University adopted a Campus Master Plan that provides the vision and framework for a long term view of the institution’s growth for the next 50 years. While the Campus Master Plan (CMP) illustrates the physical capacity we have to accommodate growth over the long term, it also addresses many of the short term physical improvements needed to become the best public university in the country. The adoption of the CMP provides an outline for aligning academic and physical systems planning and provides a platform for ensuring that short-term facility decisions support the long-term vision of the institution. The CMP embodies the campus approach to sustainable development by providing a framework for all discussions of systems such as open space, circulation, flexible mixed-use development, building heritage and community connectivity.

To access the CMP document and related system plans, please visit our new ScholarWorks@UMass page: [http://scholarworks.umass.edu/cp_masterplans/](http://scholarworks.umass.edu/cp_masterplans/)

During the CMP process, Campus Planning reached out to the campus community to build a culture of planning that will ensure that the master plan continues as a living document that will adapt to the needs of the campus and its stakeholders, and to new and unforeseen factors.

**The Master Plan Explorer**

We’ve created an online function that will allow you to see the Campus Master Plan and explore individual sites. Open our [Master Plan Explorer](http://scholarworks.umass.edu/cp_masterplans/) and find a wealth of information about our evolving campus and details of the Master Plan.

**The Idea Collector**

You can join the conversation, let us know what you like or dislike, and provide us with your ideas by logging into our [Idea Collector](http://scholarworks.umass.edu/cp_masterplans/).

If you could create the ideal space and location on campus, where would you... eat, study, play, meet, rehearse, perform, exercise, socialize, celebrate?

Is your perfect space and location already on campus? Why is it great? Is there a needed space that’s missing? Could an existing space be re-imagined to contribute more to student life and the UMass Amherst community?

We’ve partnered with [Student Affairs and Campus Life](http://scholarworks.umass.edu/cp_masterplans/) to seek your input as we imagine what’s possible in the UMass Amherst campus of the future. Whether it’s a place or location that’s already awesome, a function that’s needed right now or your Utopian vision for the future – we want to hear from you!

For questions about the Master Plan, please contact Ludmilla Pavlova-Gillham at [lpavlova@cp.umass.edu](mailto:lpavlova@cp.umass.edu) or 413-577-1720.

**Facilities Programming and Planning**

Facilities Programming and Planning efforts focus on work with faculty and administration in all university college, school, and...
administrative units in programming and planning facilities to meet current needs, provide space for anticipated growth of programs, and develop concept plans for facilities that support the University’s Strategic Plan. For large capital projects, we use consulting firms in the concept planning phase to develop final programs, plans, and costs for projects that have received capital funding. The final programs ensure a seamless transition to the Design and Construction Management Division, who then guides projects through the final design and construction. Defining needs broadly enough to anticipate infrastructure requirements and any enabling efforts that are triggered by each project is an important part of accurate planning and costing by the group.

On-going Facilities Programming and Planning projects include:

- Programming of the new Isenberg School of Management addition, that will provide space and functionality to consolidate their departments, meet the School’s growth needs, and create dynamic places for interactions and entrepreneurial opportunities. In-house programming is the basis of budget and scope for the RFP for Designer services.

- Worcester DC Study: In-house programming will guide development of draft alternatives and the identification of potential sites. Investigation may confirm if renovation of the existing facility or construction of a new replacement facility is appropriate. The in-house effort will be the basis of budget and project scope for an RFP for designer services.

- Science and Engineering Lab assessment to document and evaluate type and condition of lab facilities, followed by an analysis of utilization of labs across campus.

**Campus Systems**

Campus Planning is responsible for taking a big picture systems approach to implementing the Campus Master Plan by initiating and managing planning processes that support and supplement it. Our effort to create campus, not just
build buildings, necessitates a comprehensive understanding of all of the systems that are interrelated and connect together to support the physical campus. These systems include the built environment; the landscape and open space network; the vehicular, bicycle, pedestrian circulation and transportation networks; the utility networks; the land use patterns; building functions and space use; and how all of these systems work together in a sustainable manner to support the University’s vision and environmental goals.

Campus Planning provides customer services with a comprehensive campus focus. We work with all administrative divisions to facilitate dynamic and innovative plans and to ensure that the vision of the Campus Master Plan and the culture of planning and sustainability permeate physical development as we move into the future.

Following is a list of comprehensive planning efforts that have been completed and are available at our Scholarworks archive:

- Comprehensive Energy Master Plan, 2015
- Campus Master Plan Sustainability Chapter, 2015
- Campus-Wide Hardscape Condition Assessment, 2014
- Campus-Wide Parking Vision Plan, 2013
- 2012-2021 Capital Improvement Projects, 2013
- Planning for Student Union Functions Study, 2012
- Campus Master Plan Executive Summary, 2012
- Campus Master Plan 2012
- Campus Master Plan Transportation and Parking Appendix A, 2012
- Framework Plan: Preliminary Observations and Existing Conditions, 2010
- Libraries Master Plan, 2010

**QUICK FACTS**

- The campus leases about 65,000 s.f. of office space and 15,000 s.f. of storage space across 14 different facilities.
- The UMass system leases over 27,000 s.f. in the Springfield UMass Center.

Physical Science Building architect’s rendering facing Northeast

Bird’s Eye View of South College Academic Facility Looking North-West (proposed).
CAMPUS PLANNING

Campus LEED Building Support
UMass Amherst is a member of the US Green Building Council and is committed to building all new construction and major renovation projects at a LEED™ Silver level or higher. Campus Planning serves as a resource to students and staff seeking LEED accreditation, supports all campus design & construction projects undergoing LEED certification, maintains a database of LEED facility documentation and leads green building tours that allow our community and the public to learn from and take pride in the successes of our green facilities.

If you have any questions about physical planning for sustainability, LEED certification and professional accreditation, or are interested in a green building tour, please contact Ludmilla Pavlova-Gillham at lpavolova@cp.umass.edu or 413-577-1720.

Space and Asset Management
The space needs of the University are complex and ever-changing and require high-level planning and up-to-date information to manage. Space and Asset Management efforts keep accurate floor plans of over 12.5 million square feet of campus and field station space, encompassing over 30,000 rooms, along with the accounting of each room’s use.

Working at all levels of campus, we identify space availability, assess condition and capacity, and recommend most appropriate assignments, to meet changing needs on campus. Annual space audits keep academic space use information current, while on-line requests identify changing needs as new centers and institutes, schools, and departments are formed or dissolved.

On-going Space Planning efforts include:
• Backfill planning for space vacated by new construction, such as the ILC, Design Building, and South College.
• Integration of Tririga data with other enterprise databases and systems to collectively enhance what all of us do separately.

For more information on Space & Asset Management, visit their section of Campus Planning’s website. For information on making a space request, see page 48.

A Decade of Renewal
A Decade of Renewal is the story about the Commonwealth of Massachusetts’ significant investment in its flagship university to create a special place as a leader in the next generation of American higher education. Over the last ten years, many new buildings have been constructed and old facilities renovated, all with a focus on efficiency, sustainability, aesthetic value, and academic excellence. The story is told using an innovative web application with pictures, a map and storyboard to pull it all together into an impressive tale of an institution building on a solid foundation and creating extraordinary momentum for the future.

In his Faculty Senate address of January 29, 2015, Chancellor Subbaswamy noted that UMass Amherst was ranked 30th among national public universities by U.S. News and World Report. He said, “Over the past ten years, UMass Amherst has moved up farther and faster than any other leading public University,” clearly a campus on the move. He also mentioned that over that period, UMass ranked 4th nationally in improvement in admissions selectivity and 10th in graduation rate improvement. It is no coincidence that the renewal of campus facilities and the construction of well-
designed state-of-the-art buildings have lead to successive years of attracting students with ever-higher GPA's and test scores. It is often said that students make up their minds about attending a college within the first 30 seconds of stepping onto campus. That’s why “building campus, not just buildings” was one of the Guiding Principles of the Campus Master Plan adopted in 2012.

Click through the graphic below to access the story map and either follow the storyboard along the bottom chronologically, or explore the story through the map by picking the project flags to get to the pictures and narrative for each.

For More Information

Visit the Campus Planning website and explore the Master Plan documents, map gallery and on-line resources such as the GIS story map, Master Plan Explorer and campus Likes and Dislikes application where you can share your opinion with others and see what others think about our campus.
As the University’s flagship institution, the Amherst campus has established a goal to become one of the best public universities in the country. Our capital construction supports the strategic challenges and campus goals of improving teaching, increasing research, enhancing student life and recruiting/retaining quality students and faculty.
Design & Construction Management

The Design & Construction Management Division is an authorized agent of the state’s Division of Capital Asset Management (DCAM). D&CM is responsible for all capital projects, renovation, new construction, utility system upgrades and other non-maintenance construction on the University of Massachusetts Amherst campus as well as outlying facilities under the campus’ jurisdiction.

Special Services
D&CM performs other facility-related services such as facilities assessment, environmental compliance reviews, retro-commissioning, ADA transition planning, and labor and material contracting.

Design & Construction Management projects are billable.

D&CM Services

Project Design
D&CM develops designs for both renovations to existing facilities and construction of new facilities, including studies for certification by DCAM.

Design and Construction
D&CM develops construction documents and bid specifications including green building design where appropriate, administers and manages designer and contractor contracts, and provides construction administration and commissioning services.

QUICK FACTS

♦ Projects completed in 2014 include the Integrative Learning Center, Champions Center, and McGuirk Alumni Stadium upgrades.
♦ Projects completed in 2015 include the John Francis Kennedy Champions Center, the Tillson Electrical Substation and the Robsham Visitor’s Center Solar Parking Lot Canopy.

BILLABLE RATE

D&CM’s labor recharge rate for Project Management services is $91.00/hr.

Opposite: Design Building, scheduled for completion in 2017
CAPITAL CONSTRUCTION

Current Projects

South College Academic Facility
Estimated completion in 2016. The South College Academic Facility is planned for 80,000 gross GSF of new construction combined with a historically sensitive renovation of the 30,000 GSF of South College comprised of a new building sited along its south wing, attached by an enclosed atrium. The project will contain academic program space for departments primarily within the College of Humanities and Fine Arts, as well as some portion of replacement seats to offset the 1,330 instructional seats to be lost when Bartlett Hall is demolished.

Design Building
Estimated completion in the spring of 2017. The new Design Building (DB) is proposed as both a replacement for facilities located within Hill House (to be demolished) as well as to consolidate three interrelated programs that are currently spread across campus. The DB will consolidate the Architecture and Design Program, Landscape Architecture and Regional Planning department, and the Building and Construction Technology Program. The building will be comprised of offices, conference rooms, studio spaces and computer labs. Targeting LEED Silver.
CAPITAL CONSTRUCTION

Morrill Courtyard Utilities
Estimated completion in October of this year. The University identified deficiencies and deterioration in the steam and underground utility systems in the corridor between Morrill II and IV. This extensive project addresses structurally deficient manholes, deteriorated asbestos-insulated steam lines, and non-code compliant rails and accessibility deficiencies to the Morrill Buildings.

The Old Chapel Renovation
The Old Chapel at the University of Massachusetts is the most recognizable historic landmark on campus. Estimated for completion in 2016, the newly renovated Old Chapel will feature a new entry pavilion on the south elevation, a new glass pavilion, a mechanical vault and a completely redone basement with public bathrooms, a catering kitchen and storage.

Physical Sciences Building
Estimated completion in early 2018. Designed by Wilson Architects, the Physical Sciences Building (PSB) will be a research building providing laboratory space for organic chemists and condensed matter physicists whose laboratories require levels of hazard control and environmental sensitivity that can no longer be met in the space they currently occupy (Lederle Graduate Research Tower, Goessmann Laboratory, and Hasbrouck Laboratory). Part of this project will be moving the West Experiment Station 75 feet to the west, providing it with a new damp-proof foundation and a connection to the new PSB which will also be connected underground to Lederle and Goessmann.

Recently Completed

John Francis Kennedy Champions Center
The Champions Center for men’s and women’s basketball (supported by a gift of $10M) was completed in the summer of 2015. It is a state-of-the-art practice facility that will attract the nation’s best recruiting prospects.

Integrative Learning Center
Formerly known as the New Academic Classroom Building, the ILC was completed in the summer of 2014. This facility provides new classrooms and academic department space for Communications/Journalism and Linguistics. It is fit-out with state-of-the-art technology and is a LEED Gold building.

McGuirk Alumni Stadium Upgrades
Upgrades to the McGuirk Alumni Stadium were completed in the summer of 2014. The University’s football program recently began a new era as a full member of the Division I Football Bowl Subdivi-
sion (FBS) of the National Collegiate Athletic Association (NCAA) and a member of the Mid-American Conference. This project supplemented the existing stadium by adding a football performance center and press & skybox complex.

**Robsham Visitor’s Center Solar Parking Lot Canopy**
This project includes three Level 2 dual charging stations, and canopies that will provide up to 64kW of AC power for a total of 192 kW AC. The solar canopies are the first of their kind at UMass and the first of their kind in the Amherst area. It is estimated that they’ll result in yearly cost saving to the University of $160-170,000.00 with a seven to ten year payback schedule.

**Furcolo Hall**
A 100,000 gsf renovation completed in 2016. The University rehabilitated the portion of Furcolo that was an Amherst Elementary School, addressing accessibility issues and dealing with deferred maintenance issues in the rest of the building. The end result of this project now houses all three departments and the dean’s offices of the entire College of Education.

**Tillson Electrical Substation**
Designed by Clough Harbour Associates and completed in 2015. The new 115 kV/13.8 kV, 50 MVA electrical substation was constructed to allow the University to tie into the main power transmission line that runs through the east side of the Tillson Farm property. Additional duct banks were installed to tie it to the East Side substation on Orchard Hill and provide a cross-tie to the West substation located at the CHP. This new infrastructure has major implications on the way the University is able to purchase as well as produce and distribute power to the campus, and insures the ability to meet increasing capacity needs and maintain reliability well into the future.

**Life Sciences Laboratory Phase II**
UMBA financed with funding from the Massachusetts Life Sciences Center (MLSC), Life Science Laboratories Phase II was substantially completed in December of 2015. This project created the Institute for Applied Life Sciences (IALS) at University of Massachusetts Amherst, home to three unique Centers focused on translational life sciences research: the Center for Bioactive Delivery, the (IALS) at University of Massachusetts Amherst, home to three unique Cen-
ters focused on translational life sciences research: the Center for Bioactive Delivery, the Models to Medicine Center, and the Center for Personalized Health Monitoring.

More To Come

Isenberg School of Management Addition
Estimated completion in 2017. The 63,000 gsf addition will wrap around the north and northeast ends of the ISOM and be organized on either side of a multi-story atrium of about to be used for large, all-University gatherings and special functions such as business symposia.

Campus Solar
As part of a long-term commitment to increasing clean, renewable energy generation on the UMass Amherst campus, the University will be installing solar array installations during the 2016 calendar year, bringing over 4 Megawatts (MW) of renewable, solar energy to the campus. UMass Amherst selected Brightergy LLC, Kansas City, MO, in a competitive procurement process to implement, through a Power Purchase Agreement (PPA), the installation and operation of these solar photovoltaic (PV) arrays for the campus. The PPA calls for Brightergy to finance, own, permit, construct, operate and maintain the solar arrays for the UMass Amherst campus for up to 20 years. UMass Amherst will not use capital funds to build the solar array systems. As the developer, Brightergy will finance the cost of all equipment, installation and operations associated with the solar arrays.

A Decade of Renewal

Capital Construction at UMass 2006-2016
A Decade of Renewal is the story about the Commonwealth of Massachusetts’ significant investment in its flagship university to create a special place as a leader in the next generation of American higher education. Over the last ten years, many new buildings have been constructed and old facilities renovated, all with a focus on efficiency, sustainability, aesthetic value, and academic excellence. The story is told using an innovative web application with pictures, a map and storyboard to pull it all together into an impressive tale of an institution building on a solid foundation and creating extraordinary momentum for the future.

Click through to access the story map and either follow the storyboard along the bottom chronologically, or explore the story through the map by picking the project flags to get to the pictures and narrative for each.

FOR MORE INFORMATION
Visit the Design & Construction Management web site and click on the Major Capital Projects tab.
CUSTODIAL SERVICES

Custodial Services’ primary function is to provide safe and effective cleaning services to the UMass Amherst community. Through our Green Cleaning Program, we implement cleaning procedures which are safe for the community and the environment. F&CS provides custodial services to all academic and office buildings. Custodial concerns in residence halls should be directed to Residential Life. Concerns in dining areas should be directed to Auxiliary Services.

Basic Services

Lobbies, Corridors, Entrances, and Stairs
Daily:
- Hard floors: dust mop floor completely, remove spills
- Carpets: remove visible litter with carpet sweeper
- Empty trash on Mondays, Wednesdays and Fridays; empty recycling on Tuesdays and Thursdays.
- Clean entry doors and glass daily.

Weekly:
- Dust all horizontal surfaces approximately six feet or below
- Whisk all upholstery.
- Hard floors: dust mop completely; damp mop floor.
- Carpet: vacuum completely.
- Spot clean walls, light switches, cabinets, doors, etc.

Classrooms
Daily:
- Hard floors: dust mop floor completely, remove spills; straighten chairs.
- Carpets: remove visible litter with carpet sweeper; straighten chairs.
- Empty trash and recycling daily
- Erase chalkboard; wipe chalk tray with treated paper, replace small chalk.
- Brush out erasers into cart with damp pot brush.
- Clean chalk/white boards.
- Remove visible dust, soil or spills on main desk.
- Straighten Chairs.

QUICK FACTS

Custodial Services cleans:
- 587 classrooms
- 981 laboratories
- 4,831 offices
- 865 restrooms
- 4,236 public and miscellaneous areas
Weekly:

- Dust all horizontal surfaces approximately six feet or below (Custodial will not dust computers, keyboards, phones, or cluttered areas where there is a potential for something to be damaged).
- Whisk all upholstery.
- Straighten Chairs.
- Hard floors: dust mop completely; damp mop floor.
- Carpet: vacuum completely.
- Spot clean desks, walls, light switches, file cabinets, etc.

**Offices, Research Labs, Lounges**

**Daily:**
- Empty trash on Monday, Wednesday, and Friday
- Recycle on Tuesday and Thursday
- Sweep visible litter

**Weekly:**
- Dust mop completely, damp mop floor
- Dust all horizontal surfaces approximately six feet or below (custodial will not dust computer keyboards, phone, or cluttered areas where there is potential to damage something).
- Spot clean desks, walls, light switches, file cabinets etc.
- Vacuum completely

### Washrooms

**Daily:**
- Police floor with lobby pan and broom.
- Check dispensers; fill where needed.
- Damp wipe visible dust and spot clean ledges, dispensers, walls, stalls, doors, trash receptacles, etc.
- Disinfect wherever hands are placed.
- Clean/disinfect all bowls, tops, & sides of sinks, urinals, and commodes.
- Clean mirrors with water and paper towel, using glass cleaner only when necessary.
- Damp mop the floor (one step).

**Weekly:**
- Police floor with lobby pan and broom. Check dispensers; fill where needed. Put on gloves.
- Damp wipe and spot clean all ledges, dispensers, walls, stalls, doors, trash receptacles, etc., at eye level (6 ft.) or below. Disinfect wherever hands are placed. Flush commodes and urinals as you pass; spray chrome with disinfectant.
- Clean/disinfect all surfaces - tops, sides & underneath - of sinks, urinals, commodes, all attached hardware and fixtures. Dry chrome to prevent spotting. Clean mirrors with water and paper towel, using glass cleaner only when necessary. Flush after cleaning.
- Wet mop the floor (lay down heavy solution, then pick it up: two steps).

### Special Services

- Office tile is refinished and carpet is deep cleaned yearly at no charge to departments.
- Upholstered furniture in public areas and designated windows are cleaned semi-annually at no charge.

### FOR MORE INFORMATION

To schedule special custodial services, submit a **Service Request Form**.

Questions or problems should be directed to the Custodial Services Manager, Don Sullivan, at **dsullivan@facil.umass.edu** or **577-1007**.

### BILLABLE RATE

Custodial Services’ labor recharge rate for is **$28.85/hr.**
CUSTOMER SERVICE REPRESENTATIVES

F&CS Customer Service Representatives provide a courteous and knowledgeable point of contact between Facilities & Campus Services and the campus community.
Our CSRs

Our CSRs work with staff, faculty and administrators to develop scope-of-service required to meet the customer’s objectives. They assist with scheduling planned work and act as liaisons between F&CS and the campus community.

Your CSR

If you have questions or concerns about a request you have submitted, please contact your Customer Service Representative. If you do not know the Customer Service Representative for your department, you can consult the Departmental Building Coordinator/Customer Service Representative list. This list is also available in the Customer Service Representative section of the F&CS Administrative Services web site.

If you have additional questions, please contact the F&CS customer service manager, Melissa Bergeron, at 545-6443, or mbergeron@facil.umass.edu.

### QUICK FACTS

- There are 4 Customer Service Representatives who service 22 different schools and 157 different departments on campus.
- The Customer Service Representatives serve over 150 Departmental Building Coordinators.

<table>
<thead>
<tr>
<th>F&amp;CS Customer Service Representatives</th>
<th><a href="mailto:smf@umass.edu">smf@umass.edu</a></th>
<th>Desk: (413) 577-0412</th>
<th>Cell: (413) 687-3161</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sonya Fernandes</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special Needs CSR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sarah Long</strong></td>
<td><a href="mailto:selong@umass.edu">selong@umass.edu</a></td>
<td>Desk: (413) 577-4770</td>
<td>Cell: (413) 204-2700</td>
</tr>
<tr>
<td><strong>Nancy Miller</strong></td>
<td><a href="mailto:nancy.miller@umass.edu">nancy.miller@umass.edu</a></td>
<td>Desk: (413) 577-4771</td>
<td></td>
</tr>
<tr>
<td><strong>Liz Tousignant</strong></td>
<td><a href="mailto:ltousignant@facil.umass.edu">ltousignant@facil.umass.edu</a></td>
<td>Desk: (413) 577-0413</td>
<td></td>
</tr>
</tbody>
</table>

DEPARTMENTAL BUILDING COORDINATORS

Departmental Building Coordinators serve as an important liaison between occupants of their building and Facilities & Campus Services. F&CS relies on coordinators to notify building occupants of events (e.g. planned utility outages, road closings, maintenance and construction) that may affect them.

UMass Amherst Departmental Building Coordinators have accepted an important responsibility. The time and energy they bring to the task make UMass Amherst a better place to learn, work and play.

We want to help. If you’re a DBC with questions, concerns, or just need a little guidance about your role, please give us a call at 5-6443, or email csr@umass.edu.

Who is a Departmental Building Coordinator?

The DBC List
If you need to know who is currently serving as the DBC for your building or department, you can also contact us, or refer to the Departmental Building Coordinators list.

The Departmental Building Coordinators list is published annually and updated as necessary. Changes should be reported to Nicole Joyce at F&CS Administrative Services.

Facilities & Campus Services should be contacted as soon as possible when new Coordinators or alternates are appointed.

Building Coordinators and alternates are appointed by deans, directors and/or department heads, and are usually available in their building during regular working hours.

If you’re interested in becoming a Departmental Building Coordinator and want more information about what’s involved, we’d like to hear from you, too.

Departmental Building Coordinator responsibilities:

- Report emergencies occurring in the building.
- Develop a list of special equipment affected by utility emergencies.
- Serve as a point of contact during campus emergencies.
- Maintain an accurate list of contact persons and corresponding spaces for your department within the building.
- Report building deficiencies to, and make service requests of, F&CS.
- Review all key/core requests and express concern to csr@umass.edu.
- Report occupational health and safety concerns to Environmental Health and Safety.
- Disseminate pertinent construction and maintenance information to building occupants.
- Oversee building conditions and act as liaison between your department and F&CS.
- Assist in scheduling repair and renovation projects.
- Once requested work is completed, please fill out the Customer Service Feedback Survey that is emailed to you.
- Update space-utilization reports.
- Report unauthorized construction activity.

QUICK FACTS

- 165 Departmental Building Coordinators represent over 179 different departments and schools.
- DBCs attend bi-annual meetings to discuss concerns and receive updates on F&CS activities.
DEPARTMENTAL BUILDING COORDINATORS

DBC Resources

The DBC Meeting
In addition to this catalog and the Departmental Building Coordinators list, F&CS hosts a twice-yearly meeting of Departmental Building Coordinators to share information, orient newcomers to procedure and personnel, and address any issues of concern. These meetings are usually held during the academic year in October and April, and the most recent meeting presentation, a PDF version of a PowerPoint, can always be found here.

On-line Service Interruptions

Our Current and Upcoming Service Interruptions are now available on line. Not as a PDF with information that seems out of date almost as soon as it’s posted, but real-time, continuously updated data that you get to see the moment a Service Interruption Request is reviewed and approved by our staff. We’ve also provided an on-line Interruptions Calendar to better support your long-range planning. And you can always call our 24/7 Facilities Solutions Center at 545-6401 for any needed preparations or work-arounds. That means fewer last-minute changes to your academic and research schedule. It also means that, with your informed cooperation, we’ll be able to provide the very best, most efficient and sustainable utility services possible.

How DBCs Can Request Work

In the event of a facilities-related emergency, always call the Solutions Center: 545-6401.

The Solutions Center is staffed 24 hours a day, 7 days a week, 365 days a year. Call any time, day or night, if you discover a problem in a building, on campus grounds, with utility services, or at a construction site.

For non-emergency requests, DBCs should use the online form at Facilities & Campus Services’ web site.

~OR~

Contact the Facilities & Campus Services Customer Service Representative for your department.

If you don’t know the Customer Service Representative for your department, you can refer to the Departmental Building Coordinators List, or call Melissa Bergeron at 5-6443 for assistance.
**DOCUMENT ARCHIVES and PRINTING**

The records and documents for new buildings, past buildings, planned buildings, and renovations of current buildings are archived by the Construction Archives & Record Manager, Pat Parenteau. Pat also manages printing in extra large, color and special media formats.

**Construction Archives & Records**

If you're looking for, or have questions about, construction documents, new or old, contact Pat Parenteau at (413) 545-6495.

**Special Printing**

We have the capacity to print on media as large as 48” x any reasonable banner length, in full color or back and white, on plain paper or special material (Tyvek or self-adhesive, for example). Requests for special printing projects (not specifically related to construction documents) should be routed through Print Services (577-9500), but you can always contact Pat if you have a technical question, or wish to discuss printing options and possibilities.

**QUICK FACTS**

- The archive contains official construction records for UMass Amherst buildings going back to the early 1900's.
ELEVATORS

The F&CS Solutions Center (5-6401) must be contacted for all elevator trouble calls. Physical Plant maintains special contract arrangements on maintenance and standby repair service for all campus elevators. Telephones installed in elevators are linked directly to the UMass Police who will respond in the event of an emergency.

**Shut-downs**

**Scheduled**

Periodic maintenance is necessary on all elevators on campus. All scheduled elevator maintenance shut downs will be communicated to the Departmental Building Coordinators via e-mail as a Service Interruption Notice at least 1 week prior to the planned elevator shutdown. Approximate elevator down time will be noted.

A weekly e-mail will be sent to people with mobility disabilities listing elevators disrupted and anticipated times of disruption of service.

A sign will be posted on every floor communicating that the elevator is down for scheduled maintenance and the expected time of service restoration. The sign will also reference the Solutions Center phone number (5-6401) if there are questions or need for assistance.

**Emergency**

A Work Order will be created to log the emergency work needed on the elevator.

Departmental Building Coordinators will be notified via RAVE as a Service Interruption Notice. Approximate elevator down time will be noted. This will only happen for emergency shut-downs longer than 30 minutes.

An e-mail will be sent to persons with mobility disabilities alerting them of the disruption of service and approximate time of service restoration.

A sign will be posted on every floor communicating that the elevator is down for non-scheduled maintenance and the expected time of service restoration. The sign will also reference the Solutions Center phone number (5-6401) if there are questions or need for assistance.
EVENT SUPPORT & SERVICE FEES

Facilities & Campus Services can provide assistance with events both inside and outside. We support various campus-wide events including: Commencement, Move-in, Open House, Homecoming, Alumni Weekend, and the Faculty Convocation.
Things to consider when planning an event include: cleaning assistance before, during, or after the event; what receptacles are needed (recycling, compost, trash); should a podium/tables/chairs/electricity/tent/grounds support/water be available.

Please complete the online [Campus Event Request](#) and you will be contacted by Facilities staff to support your request.

**Fees**

All event-related services require a fee (see following page). Please submit the Campus Event Request to receive an estimate.

Cleaning can be requested before, during and after the event depending on the customer’s needs.

After an outdoor event, a department is responsible for the cost of repair to damaged landscape, hardscape or lawn irrigation systems from the installation of tents and other equipment or rigorous activities.

The requestor is required to submit a dig safe application for any ground penetration, a tent permit for any tent larger than 10 x 10, and a building permit for any stage.

All events must have a University sponsor and be approved by the Vice Chancellor of Administration and Finance.

---

**QUICK FACTS**

- Our department can help you plan a zero-waste event.
- Facilities & Campus Services uses compostable bags for food waste collection.
EVENT SUPPORT & SERVICE FEES

Event Service Fee Schedule

Services are provided for campus events at a billable rate set through the University. Services provided over estimated times will be charged at the hourly rate.

### Utilities
Rate $49.58/Hour

<table>
<thead>
<tr>
<th>Task</th>
<th>Hrs</th>
<th>Est. Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water (per gallon)</td>
<td>N/A</td>
<td>$0.01/gal</td>
</tr>
<tr>
<td>Activating fire hydrant, installing backflow preventer, testing/picking up backflow preventer</td>
<td>4</td>
<td>$198.32</td>
</tr>
<tr>
<td>Entry for Dig Safe</td>
<td>1.5</td>
<td>$74.37</td>
</tr>
</tbody>
</table>

### Mechanical Trade

<table>
<thead>
<tr>
<th>Task</th>
<th>Hrs</th>
<th>Est. Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water (per gallon)</td>
<td>N/A</td>
<td>$0.01/gal</td>
</tr>
<tr>
<td>Activating fire hydrant, installing backflow preventer, testing/picking up backflow preventer</td>
<td>4</td>
<td>$198.32</td>
</tr>
<tr>
<td>Entry for Dig Safe</td>
<td>1.5</td>
<td>$74.37</td>
</tr>
</tbody>
</table>

### Electrical Trade

<table>
<thead>
<tr>
<th>Task</th>
<th>Hrs</th>
<th>Est. Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set up/pick up of temporary electrical panel (if additional power required)</td>
<td>4</td>
<td>$198.32</td>
</tr>
<tr>
<td>Setting/usage of yellow jackets to cover electrical cords</td>
<td>2</td>
<td>$99.16</td>
</tr>
<tr>
<td>Charge for unreturned yellow jackets</td>
<td>N/A</td>
<td>$50.00/unit</td>
</tr>
<tr>
<td>Check power supply at desired location (enough power at location)</td>
<td>N/A</td>
<td>No charge</td>
</tr>
</tbody>
</table>

### Waste Management
Rate $49.16/Hour

<table>
<thead>
<tr>
<th>Task</th>
<th>Hrs</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delivery/pick up of trash/recycling</td>
<td>1.5</td>
<td>$73.74</td>
</tr>
<tr>
<td>Delivery/pick up/washing of food waste toters</td>
<td>2.5</td>
<td>$129.90</td>
</tr>
<tr>
<td>Staffing recycling barrels for compliance</td>
<td>N/A</td>
<td>$49.16/hour</td>
</tr>
<tr>
<td>Charge for unreturned barrels</td>
<td>N/A</td>
<td>$20.00/unit</td>
</tr>
</tbody>
</table>

### Sign Shop
Rate $50.51/Hour

<table>
<thead>
<tr>
<th>Task</th>
<th>Est. Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Make, place and retrieve signs</td>
<td>$15-$20/sign+labor</td>
</tr>
</tbody>
</table>

### Table rental
Rate $49.16/Hour

<table>
<thead>
<tr>
<th>Task</th>
<th>Hrs</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 tables delivery &amp; pick-up</td>
<td>1</td>
<td>$49.16</td>
</tr>
<tr>
<td>12 tables delivery &amp; pick-up</td>
<td>1.5</td>
<td>$73.16</td>
</tr>
<tr>
<td>Damage or replacement fee</td>
<td>N/A</td>
<td>$165.00</td>
</tr>
</tbody>
</table>

### Moving Services
Rate $38.99/Hour

<table>
<thead>
<tr>
<th>Task</th>
<th>Hrs</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moving of supplies, equipment, etc.— call for estimate</td>
<td>N/A</td>
<td>$38.99/hour</td>
</tr>
<tr>
<td>Moving boxes</td>
<td>N/A</td>
<td>$2.50/box</td>
</tr>
</tbody>
</table>

### Custodial
Rate $28.85/Hour

<table>
<thead>
<tr>
<th>Task</th>
<th>Hrs</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restroom cleaning for length of event (must have 1 male &amp; 1 female)</td>
<td>N/A</td>
<td>$57.70/hour</td>
</tr>
<tr>
<td>Venue prep (1 hr before &amp; 1 hr after)</td>
<td>2</td>
<td>$57.70</td>
</tr>
<tr>
<td>Cleaning areas (Inside)</td>
<td>4</td>
<td>$115.40</td>
</tr>
</tbody>
</table>

### Landscape management
Rate $49.16/Hour

<table>
<thead>
<tr>
<th>Task</th>
<th>Hrs</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use of dump trucks, loaders, etc. with operator</td>
<td>N/A</td>
<td>$49.16/hour</td>
</tr>
<tr>
<td>Removal/return of bollards</td>
<td>1</td>
<td>$49.16</td>
</tr>
<tr>
<td>Grounds - mowing/litter pickup</td>
<td>N/A</td>
<td>No charge</td>
</tr>
<tr>
<td>Cleaning parking lots (min. 4 people)</td>
<td>2</td>
<td>$98.32</td>
</tr>
</tbody>
</table>

All rates effective as of July 1, 2014
F&CS COMMUNICATIONS

Our Communications Department is responsible for conveying vital project- and facilities-related information, advisories and warnings to the campus community. We employ an integrated, cross-media strategy that includes electronic media, print, radio, video, signage, table displays and in-person presentations. Working closely with Customer Service and Work Management, we develop and maintain shared information systems and positive customer service protocols, and we act as liaison to campus news outlets, departments, clubs, organizations and industry groups.

Access to Information

Web Sites
In addition to this catalog, your best sources of information will be the F&CS and divisional web sites. We’re engaged in a long-term project to completely redesign all of our web sites to provide more accurate, coordinated and timely information to the campus community and to continue to support the University’s standards and mission.

- Facilities & Campus Services [www.umass.edu/facilities](http://www.umass.edu/facilities)
- F&CS Administrative Services [www.umass.edu/fcsadmin](http://www.umass.edu/fcsadmin)
- Campus Planning [www.umass.edu/cp](http://www.umass.edu/cp)
- Design & Construction Management [www.umass.edu/dcm](http://www.umass.edu/dcm)
- Physical Plant [www.umass.edu/physicalplant](http://www.umass.edu/physicalplant)
- Transportation Services [www.umass.edu/transportation](http://www.umass.edu/transportation)

Social Media
You can like us on [Facebook](http://www.facebook.com) and follow us on [Twitter](http://www.twitter.com) to access fun, interesting and timely information about all things Facilities.
Reaching out. Reaching up.

**F&CS COMMUNICATIONS**

**Construction Advisories**
If you wish to be included on our Construction Advisory distribution list, please email us from or with the address to which you would like the Advisories sent and include the word “subscribe” in the subject line. We do not rent or share this list with any other company or organization, and you can unsubscribe at any time by emailing info@facil.umass.edu with the word "unsubscribe" in the subject line.

**Radio**
As often as possible, we'll be sitting down with the talented student broadcasters and journalists at [WMUA News](https://www.wmuaweb.org) (91.1 FM) to discuss major issues affecting Facilities & Campus Services and the Amherst campus -- from capital construction to sustainability to innovations in transportation to long-range campus planning.

We're also recording weekly PSAs (to be aired Monday mornings) to keep the campus informed as to major projects, disruptions and developments for the coming week.

*Listen* to this week's PSA from your "Face Made for Radio" (MP3).

**The F&CS Brand Book**
Consistent, positive branding is an essential element in communicating who we are and what we do to the campus community; it also provides our large, diverse organization a common point of pride and identification. The [F&CS Brand Book](https://www.facil.umass.edu) is intended to provide design assistance and standards to all those who wish to represent F&CS online or in print. If you have questions about possible or appropriate use, please contact the F&CS communications manager, Jim Hunt, at 577-4767 or jhunt@facil.umass.edu.

**Service Interruptions**
*Our Current and Upcoming Service Interruptions are now available on line.* Not as a PDF with information that seems out of date almost as soon as it’s posted, but real-time, continuously updated data that you get to see the moment a Service Interruption Request is reviewed and approved by our staff. We’ve also provided an on-line Interruptions Calendar to better support your long-range planning. And you can always call our [24/7 Facilities Solutions Center at 545-6401](tel:545-6401) for any needed preparations or work-arounds.
KEYS & LOCKS

Keys are distributed on campus according to the terms listed below. All keys remain the property of the University. Reproduction of a University key is forbidden. *Key exchanges and reproduction of keys are not permitted.*

**Key Requests**

Key requests for individual faculty, staff, and students are requested electronically by use of the [Key Request Form](#). All key requests must be processed and approved at least two weeks prior to the desired issue date.

**Key Pick-up**

The key requestor will be contacted by e-mail when the key is ready. Keys may be picked up at the Solutions Center located in the Physical Plant Building (360 Campus Center Way), 8:00 a.m. to 4 p.m., Monday through Friday. The key holder will be required to sign a Key Agreement stating they will be responsible for their key(s). Keys may be picked up (in person) only by the key holder. A picture ID is required to pick up keys.

**Lock Change Requests**

Lock Change Requests should be requested through the electronic [Service Request Form](#). This request must be approved by the dean, department head or director who has authority over the area and must be accompanied by the account number to be charged. A thorough review of the area affected by the lock change is completed before the change is made to avoid compromising anyone who may need access to the area.

**Returning Keys**

Individuals leaving the University, or transferring to another department, must return keys to the Solutions Center located in the Physical Plant Building. The individual will receive a receipt indicating the keys that have been returned.

**Lost Keys**

Lost keys should be reported to University Police. You will be issued a Lost Key Case #. It will be necessary to input this number into the Key Request Form when requesting a replacement key.

**Billable Services**

There is no charge for issuing a key to a new employee, replacing a damaged key, or replacing a broken lock. Services that require a fee include: installing, changing, or replacing locks and installing a lock for short-term use. To request services that require a fee, please submit a Key Request with speedtype.

---

**QUICK FACTS**

- There are 45,000 keyed doors on campus.
- The Solutions Center distributes keys to an average of 20 requestors per day.
LANDSCAPE MANAGEMENT

Landscape and Construction Services maintains the 1,500 acres of campus grounds throughout the year. Landscape personnel supervise and coordinate all activities involved in the maintenance, repair, and upgrade of the campus landscape.

Landscape & Construction Services employs a wide variety of skilled trades including horticulture, arboriculture, landscape maintenance, integrated pest management, floriculture, and small engine repair. Both landscape and construction personnel are responsible for removing snow and ice during the winter months and cover both academic and residential life facilities.

**Basic Services**

Services that are covered by the operational budget of Facilities & Campus Services include:

- Design and maintenance of planting beds and pocket gardens.
- Green space care and management.
- Hardscape maintenance including repairs, renovation and renewal.
- Snow removal and ice management of all roads, walkways, and parking lots.

**Special Services**

Special services include:

- Memorial trees and benches are donor funded. Location, species of plants and trees, and type of bench need to be to campus standard and must be approved.
- Landscape and Construction services manages the campus Small Compost program, which composts leaf and landscape waste as well as animal bedding.

**To Make a Request for Service**

In the event of a facilities-related emergency, always call the Solutions Center: **545-6401**.

The Solutions Center is staffed 24 hours a day, 7 days a week, 365 days a year. Call any time, day or night, if you discover a problem in a building, on campus grounds, with utility services, or at a construction site.

For non-emergency landscaping or snow-removal requests, use the online form at Facilities & Campus Services’ web site.
MOVING

In-house moving services are provided to all campus departments through a campus Moving Services office – located within the Office Of Waste Management, Moving and Surplus (OWM). To place a request for moving services, use the Service Request form on the Facilities & Campus Services website. You will receive a phone call from your customer service representative to discuss an estimate (if billable) and schedule of your move.

Basic Services

- Basic moving services provided during normal business hours are free to non-revenue generating departments at UMass.
- Moving Services collects and manages the re-distribution and disposal of surplus furniture and equipment. This includes staffing the Surplus Property Barn, located at 151 Tillson Farm Rd, and open from 9-10 am on Wednesdays. The on-line Surplus Equipment Disposal (SED) form must be completed for all surplus equipment to be picked up by Moving Services and for any item originally valued at over $1,000 when the equipment is to be dropped off at the WRTF. Use the Surplus Equipment Disposal Request form to request pick-up. All lab equipment disposals are reviewed by Environmental Health and Safety (EH&S) for hazardous components before Moving Services arrives for equipment pick up.

Special Services

- Moving Services can move equipment between on campus and off-campus locations. This service is normally billable to the requesting department.
- Departments will be charged the billable hourly rate for moves performed outside of normal business hours: Monday-Friday, 7-4 pm.
- Moving Services will deliver property barn surplus items to on campus locations on an “as available” basis.

QUICK FACTS

- We support an average of 50 campus events per year.
- We move everything from tubas to centrifuges, file cabinets to priceless sculptures.

BILLABLE RATE

- Physical Plant’s labor recharge rate for Moving Services is $38.99/hr.
PARKING

Our goal is to provide safe, orderly, and fair parking for employees, students, and visitors to our campus. We strive to make parking on campus as convenient as possible, while promoting safe movement of vehicles, providing for pedestrian safety, and assuring free and continuous access to buildings and walkways for pedestrians and emergency vehicles.

Contact Us

www.umass.edu/transportation/parking

Parking Services
University of Massachusetts
51 Forestry Way
Amherst, MA 01003-9262
413-577-PARK (7275)
Hours: M-F 7:45a.m.-4:45p.m.

Campus Center Parking Office
Room 229, Level 2
Parking Garage
413-577-6593
Hours: M-F 7:45a-4:45p

Permits

Lots Available Online
Parking lots are available for online purchase. Check the Parking web site for current availability. Lot availability is based on University status and housing assignment for students. If you feel you are eligible for a lot listed below that is not available at the point of sale, please contact Parking Services.

Parking Services on the Web

The Parking Services web site contains information on purchasing permits, parking fees, lot availability, paying and appealing parking citations, commuter and Rideshare options, special needs assistance, and much more. If you can’t find the information you’re looking for, please give us a call at 413-577-PARK (7275). We’re glad to help.

QUICK FACTS

♦ There is 6,000,000 sq feet of parking space on campus in 95 lots.

◆ There are 10,350 surface parking spaces and 980 garage spaces on campus..

PARKING FEES

You can find a current parking fee schedule in Appendix A.

FOR MORE INFORMATION

Comments? Questions?
Send them to: parking@umass.edu.
Requests for the removal of pests are processed by the F&CS Solutions Center (545-6401). Requests are addressed using an Integrated Pest Management (IPM) process. IPM emphasizes prevention by controlling conditions in and around buildings that may be conductive to pest intrusions. Pest Control works closely with the campus community to address all issues promptly.

Basic Services

- Prompt response to pest control issues.
- Implement IPM processes of finding the root cause of the issue while addressing the specific problem.
- Ongoing monitoring of Pest Control Work Request until there are five days of inactivity.
- Direct customer contact before a work request is closed.

Special Services

- Pest Control periodically contracts with integrated pest management contractors when necessary.
- A posting will be made prior to any treatment and treatment will be coordinated with occupants.

Costs

Costs associated with Pest Control for academic buildings are covered in the operational budget of Facilities & Campus Services. Pest control issues in residence halls and dining areas should be directed to F&CS Pest Control. Please call the Solutions Center (545-6401) to report pest control issues.

All pest control services provided to Auxiliary Services, Athletics, Residential Life and other campus-related non-state funded organizations are billable.

Quick Facts

- The favorite foods of mice are chocolate and peanut butter.
- The favorite food for squirrels is McDonald’s French fries.
- We were once called to remove a 5’ iguana from McGuirk Stadium.

FOR MORE INFORMATION

To schedule special pest control services, submit a Service Request Form.

Questions should be directed to the Assistant Director for Buildings & Grounds, Pam Monn, 577-3106.
RECYCLING & WASTE MANAGEMENT

The Office of Waste Management (OWM) recycling program staff works with campus partners such as Auxiliary Services, Residential Life, and the Sustainable UMass Green Committee to reduce waste while maximizing recycling and composting. The UMass recycling program is continuously growing and developing new ways to support the University’s sustainability initiatives.

OWM operations are based at a 6 acre site (151 Tillson Farm Rd.) that features an 18,000 sf materials processing facility. The facility and yard together are known as the UMass Waste Recovery and Transfer Facility (WRTF).

**Basic Services**

- Custodial Services supplies desk-side trash and recycling bins to offices, labs, classrooms and common areas for all academic, administrative, and residential buildings.

- Custodial Services staff empty all (excl. residence halls) indoor trash bins on Monday through Friday and empty all indoor trash bins in offices and labs Tuesdays and Thursdays.

- Trash and cardboard are collected daily and single stream recyclables (bottles, cans, mixed paper) once per week from waste collection pads located at or near all campus buildings.

- OWM also manages ten trash, food waste and single-stream compactors located at heavy generation points around the campus.

- Collection and composting of food waste from dining commons, retail food locations and outdoor catered events.

- Recycling of mattresses, books, clothing, metal furniture, electronics and other materials left behind at move out.

**Special Services**

- Confidential documents are collected and shredded at the WRTF on an “as requested” basis.

---

**QUICK FACTS**

- 24 different materials are recycled.
- 59% Recycling rate
- OWM supports an average of 75 campus events per year.
- OWM operates the Surplus Property Barn where usable furniture and supplies are made available to the campus for reuse.

---

Dining Commons recycling
RECYCLING & WASTE MANAGEMENT

- Special pickups may be requested for office cleanouts.
- OWM provides wheeled carts for trash and for recyclables and services them on a daily work weekly schedule as needed. See the Office of Waste Management Department Recycling Contact Info page for instructions.
- With the cooperation of Campus Mail Services, small quantities of the following items may be placed (properly packaged) in campus mail pick up locations for delivery to the WRTF: non-alkaline dry cell batteries (mercury, lithium, nickel cadmium) with battery terminals taped; cell phones; DVDs and toner cartridges (laser or ink jet). For quantities greater than a full paper ream box or 10 lbs., call 545-9615 for pickup assistance, or deliver to the WRTF at 151 Tillson Farm Rd. Monday-Friday, 7:00 a.m. through 2:30 p.m.

UMass Eco-Rep program recycles for “Trash Sort”

BILLABLE RATE

Physical Plant’s labor recharge rate for waste handling services is $49.16/hr.

FOR MORE INFORMATION

To schedule special recycling or waste management services, submit a Service Request Form.

For more information, visit the Office of Waste Management website, or call 545-9615.
SERVICE REQUESTS

To Request Work:

- Call the Facilities Solutions Center: 545-6401
- Enter an online Service Request

The Solutions Center

We're Here to Help
F&CS staff are here to ensure that all University faculty, staff and students can work and play safely and comfortably. Solutions Center and Work Management staff members are trained personnel who are in direct radio contact with our technicians and service people. The Solutions Center can answer most of your questions or direct you to the appropriate person. For questions regarding a work request, contact your Customer Service Representative or the F&CS Customer Service Manager, Melissa Bergeron, at 545-6443.

Hours
The Solutions Center staff is available 24 hours a day, 7 days a week and is responsible for receiving, prioritizing and routing of routine maintenance requests and dispatching maintenance emergencies.

On-line Form
For non-emergency work requests, we encourage building users to submit work requests on-line via our website. This system enables us to provide better services to our customers by assuring complete and accurate information is provided.

Our Responsibility

Basic responsibilities of F&CS include the maintenance, operation and protection of campus facilities and infrastructure. F&CS must be aware of the condition of the physical facilities, and because of safety and legal considerations, must approve all alterations or additions to any structure or ground area – from hanging a bulletin board to renovating a building. All work plans and completed alteration/construction work must be reviewed and approved for compliance with codes and established policies by F&CS.
Funding
F&CS has an annual budget to maintain existing state-owned real estate and physical assets such as buildings, landscape, streets, and utility systems. These funds are targeted for maintenance, repair and operation of the buildings, and the permanent, built-in equipment that is an integral part of the building and necessary for its operation. This does not normally include installed equipment the purpose of which is to support the function or operation housed in the building.

The funding responsibility for work defined as construction, alteration, replacement, conversion, expansion, or extension will normally fall to the supported program or the requesting office. Central, institutional resources may be requested for programmatic renovations and associated infrastructure improvements.

Classification of Work
Work is classified into categories to describe the lifespan of the project.

Emergency
Work required that unless quickly addressed will result in personal injury or severe damage to buildings or building systems. Emergency work is completed within one day. Generally non-billable.

Dispatched Service Call
Work requiring little time or materials, but is urgent in nature and can be handled on the spot with properly trained maintenance personnel. Completed within three-five days. Generally non-billable.

Service Call
Work that is relatively minor in scope; can be completed with less than eight hours of labor. Usually completed within ten working days. Can be both billable and non-billable.

Planned Work
Work that is larger in scope; work that needs to be planned, estimated, and scheduled. Can be both billable and non-billable (this includes Alterations and Design & Construction Management projects).

Key Requests
Key requests are treated as Service Requests and should be completed within ten working days of the request.

Quick Facts
- The Solutions Center dispatches an average of twenty work orders daily.
- The Solutions Center creates approx. 100 work orders and work requests daily.
SPACE REQUESTS

Campus Planning Space & Asset Management keeps accurate floor plans of over ten million square feet of campus space and the accounting of each room’s use. We find space to meet changing needs on campus. Periodic space audits and space requests update the space use accounts that assist with campus space needs planning.

Making a Space Request

**When should I make a space request?**
- As soon as possible!
- When room uses will change, when renovation work needs to be done.
- When new hires need an office or a lab.
- When functions needed don’t match the space available.

**How do I make a space request?**
Visit the [F&CS Service & Space Requests page](#) and submit an on-line space request.

Space and Asset Management will contact you within a week of your request to get more information. In-depth follow-up may be needed to write up a program of quantity and types of space needed.

Space and Asset Management performs the review of needs, generates alternatives, considers impacts, and makes recommendations to department heads, deans or the Capital Asset Board (CAB) comprised of the Vice Chancellors and the Provost, as appropriate. CAB approves the overall allocation of space.

Given the many requests for space, a time frame for resolving your request will be communicated. Funding may be required to meet the request.

**When my request is approved, what then?**
You can initiate a project with departmental funds, and if it requires design and construction, a project can be initiated and assigned to Alterations or Design & Construction Management.

If you have any questions, contact Pamela Rooney, at prooney@facil.umass.edu or 577-0472.

---

**QUICK FACTS**
- We now track over 12M sf of space for use, size and activity.
- 900,000 GSF in eight new buildings was added to the system in FY14.
Special Transportation Services has been a part of UMass Transit Service since 1986. "SpecTrans" provides free on-call reservation service to students, staff, and faculty with mobility impairments. Our primary mission is to transport people to and from their classes and work. We also provide off-campus trips on a limited basis.

### Registering as a SpecTrans Passenger

UMass students, staff and faculty who need our service on a long-term basis must register with Disability Services by calling (413) 545-0892. Passengers with temporary disabilities can register directly with the SpecTrans Dispatcher by calling 413-545-2086.

For questions about Special Transportation, call: 413-545-2086, or email trans-it@admin.umass.edu.

### Dispatcher Service Hours

#### Academic Semester

| Dispatcher on duty during the hours of: | M-F 7am-5pm |
| Dispatcher on duty during the hours of: | Sat & Sun NO dispatcher |
| Rides available during the hours of: | M-F 7:30am-9pm |
| Rides available during the hours of: | Sat 9am-8:30pm |
| Rides available during the hours of: | Sun 10am-8:30pm |

#### Intersession, Winter Session, Spring Break and Summer (reduced service)

| Dispatcher on duty during the hours of: | M-F 8am-5pm |
| Dispatcher on duty during the hours of: | Sat & Sun NO dispatcher |
| Rides available during the hours of: | M-F 7:15am-8:30pm |
| Rides available during the hours of: | Sat 9:30am-4:30pm |
| Rides available during the hours of: | Sun NO service |

Vans are equipped to carry the majority of wheelchairs.
“I have never seen a school with so many and such high caliber people working towards sustainability. Everywhere I look here I see signs of hope and inspiration convincing me that change is possible”

-Annie Leonard, Environmental Activist and 2013 UMASS Amherst Earth Day Keynote Speaker

Quick Facts

- UMass Amherst composts over 1,400 tons of organic waste each year.
- 1,100 LED light bulbs were installed across the campus in 2013, and another 5,000 were purchased for installation in residence halls.

What is Sustainability at UMass Amherst?

www.umass.edu/sustainability

Our Sustainable Community
Sustainable UMass consists of a diverse group of campus-wide sustainability advocates & leaders. These include members of the Chancellor’s Sustainability Committee, the Campus Sustainability Manager, the Sustainability Communications & Marketing Manager and a number of other vital faculty and staff advocates on campus, along with our Permaculture Initiative members, Eco-Rep Program participants, Sustainability Fellows, and affiliated Registered Student Organizations.

The Sustainable UMass community is made up of people like you, who believe in making our campus and world a healthier, greener place to be.

The Sustainable UMass Mission
As members of the Sustainable UMass community...

- We explore and communicate ways to improve upon current university practices by fostering innovative ideas and technologies within the campus community and beyond.
- We educate the campus community to create a healthier and more responsible environment.
- We develop progressive solutions to reduce negative environmental impacts in ways that are economically beneficial.
- We create and consistently advocate for a diverse & inclusive culture of sustainability throughout the campus community and beyond.

Learn It, Live It, Lead It!

As the flagship campus of the Commonwealth, UMass Amherst has been a leader in agricultural research and green education since our founding as a...
land grant institution in 1863. Students can choose from more than 25 sustainability-related undergraduate majors, which include over 300 sustainability-related courses.

We walk the talk at UMass Amherst: students, faculty, and staff practice sustainability each and every day here on campus. Sustainability committees and projects are being implemented everywhere from renewable energy, to green building practices, to local food systems and permaculture gardens, green residence halls, recycling and waste reduction, alternative vehicles and sustainable transportation, to water conservation.

The Sustainability, Innovation & Engagement Fund was established in August, 2013 to foster a strong culture of sustainability on our campus by incentivizing students, faculty, and staff involvement. Any student faculty, staff, student group, academic class, or faculty/staff and student team can propose a sustainability project. Campus members will be limited to receiving one grant per year. If you are interested in learning more about this sustainability funding opportunity and what projects are currently being implemented visit the Sustainability Innovation & Engagement Fund portion of the Sustainable UMass website.

### Office/Department Certification Level

<table>
<thead>
<tr>
<th>Office/Department</th>
<th>Certification Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facilities &amp; Campus Services:</td>
<td></td>
</tr>
<tr>
<td>Physical Plant</td>
<td>Gold</td>
</tr>
<tr>
<td>Administrative Services</td>
<td>Gold</td>
</tr>
<tr>
<td>Central Heating Plant</td>
<td>Bronze</td>
</tr>
<tr>
<td>Campus Planning</td>
<td>Green</td>
</tr>
<tr>
<td>Design &amp; Construction Management</td>
<td>Green</td>
</tr>
<tr>
<td>Transportation Services</td>
<td>Silver</td>
</tr>
</tbody>
</table>

Key: Bronze: 8+ Points, Silver: 12+ Points, Gold: 16+ Points, Green: 20+ Points

The Green Office Program

In an effort to decrease the amount of waste produced in campus offices, Sustainable UMass created the Green Office Program. Designed to help the university reach the emissions and waste reduction goals out-
This program aims to alter daily office practices. As of August 2014, 58 offices across campus are participating!

**How Does It Work?**

The offices that choose to participate in the program work to complete requirements based on a four-level scale: bronze, silver, gold, and green, and a new level called “Evergreen”. Each level is based off of four topics: energy, waste and recycling, kitchens and purchasing, which outline more sustainable office behaviors and operations. Completion of the program occurs once an office fulfills the criteria for the “green” level.

Our Sustainability Fellows work individually with each office to devise a plan customized to meet the office’s needs. The system allows for a friendly competition between offices to see who can reach the green certification. Recognition is rewarded for every level completed, both with a congratulatory certificate and acknowledgement in Sustainability Initiative publications.

See how your office measures up: a Green Office Program Checklist is available here.

For more information, email greenoffice@admin.umass.edu or go to the [Green Office Program page](http://www.sustainable.umass.edu) of the Sustainable UMass website.

**Leading By Example**

UMass Amherst has been recognized as a sustainable leader within the Commonwealth, regionally, and nationally. Here are just a few awards that Sustainable UMass has helped UMass Amherst win over the past four years:
TEMPERATURE ISSUES

Our Controls Area and Facilities Solutions Center monitor building temperature and life safety systems 24/7 365 days a year. Our Repair & Maintenance Area teams respond to all hot and cold issues and maintain all associated equipment. Call the Solutions Center (545-6401) to report a temperature-related issue.

Basic Services

The University of Massachusetts standard is to maintain space temperatures of 68f to 74f. However, during the shoulder season (between traditional heating and cooling seasons) when temperatures may fluctuate during the day, there may not be cooling or heating available to resolve all temperature issues.

Special Services

All costs associated with temperature-related issues are covered in the operational budget of Facilities & Campus Services.

QUICK FACTS

- Physical Plant monitors over 25,000 data points related to building occupant comfort and safety 24/7/365.
TRANSPORTATION SERVICES

Transportation Services provides a variety of programs designed to enhance ground transportation options essential to the campus mission. They offer a variety of programs with choices that allow students, staff and faculty to reduce their carbon footprint and decrease their commuting costs. For a complete description of all our services, visit our web site at www.umass.edu/transportation.

- **Bus Service (UMass Transit)**
  See page 13. UMass Transit provides bus and van service to the University/Five College communities. We're committed to providing safe, efficient, and economical mobility for over 16,000 riders every school day.

- **Special Transportation Services (SpecTrans)**
  See page 47. "SpecTrans" provides free transportation service around the Amherst campus to students, staff, and faculty with a disability.

- **Field Trip Services**
  Field Trip Services provides transportation for large groups such as Registered Student Organizations, classes or conference groups.

- **Meet and Greet Service**
  The Meet and Greet Service provides ground transportation to and from the Amherst campus. Destinations include Bradley International and Boston-Logan Airports, the UMass President's Office and the Springfield Amtrak station.

- **Parking Services**
  See page 40. Parking Services provides safe, orderly, and fair parking for employees, students, and visitors to campus. See Appendix A for current parking fees.

- **Carpool and Rideshare**
  Our Carpool Program provides an alternative to single-occupancy vehicles by assisting UMass employees and off-campus students in forming carpools.

- **Vehicle/Fleet Maintenance**
  To arrange for repair work on a university vehicle or to schedule preventive maintenance or yearly inspections, call 413-545-6511 with the vehicle’s M# to initiate the work order process.

- **Vehicle Rental Services**
  The UMass Amherst Vehicle Rental Services contract provides excellent prices and an online reservation link for faculty, staff and students. Exclusive rates are available for vehicles rented at the UMass Amherst or Route 9 Amherst branches.

**QUICK FACTS**
- UMass Transit logged almost 95,000 miles in FY15 for university and departmental field trips.
- We made over 500 trips to Bradley and Logan to transport important University guests and visitors.

**FEES FOR TRANSPORTATION SERVICES**
You can find a current fee schedule for Field Trips, Meet & Greet Service and Fleet Maintenance in Appendix B.
UTILITIES

The Utilities team plans for University of Massachusetts’ future energy needs while it maintains electricity, heating, and cooling resources for the campus on a daily basis. This group runs the Central Heating Plant, which produces most of the electricity, steam, and chilled water used on campus.

Services that are covered by the operational budget of Facilities & Campus Services include:

- Steam, medium temperature hot water, electricity, chilled water, natural gas, water, sewer, fire protection water, fuel oil, and limited compressed air to the campus.
- In conjunction with Campus Planning and Design & Construction Management: planning, development, and oversight of utility expansion and renovation projects.

QUICK FACTS

- The Central Heating Plant produces 1,039,977,000 lbs. of steam and 92,815,973 kWh of electricity.
- Our goal is to procure 30% of our annual electricity needs from renewable sources by 2020.

The Central Heating Plant—commissioned in 2008
## APPENDIX A
### PARKING FEES

<table>
<thead>
<tr>
<th>Employees*</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobile, Vendor</td>
<td>$ 850</td>
</tr>
<tr>
<td>Lower Garage</td>
<td>$ 274 - $ 1,164</td>
</tr>
<tr>
<td>Upper Garage</td>
<td>$ 159 - $ 671</td>
</tr>
<tr>
<td>Red Lots</td>
<td>$ 126 - $ 444</td>
</tr>
<tr>
<td>Blue Lots</td>
<td>$ 88 - $ 375</td>
</tr>
<tr>
<td>Green Lots</td>
<td>$ 66 - $ 225</td>
</tr>
<tr>
<td>Purple Lots</td>
<td>$ 60 - $ 205</td>
</tr>
<tr>
<td>Yellow Lots</td>
<td>$ 44 - $ 70</td>
</tr>
<tr>
<td>Resident Staff</td>
<td>$ 83</td>
</tr>
<tr>
<td>Motorcycle</td>
<td>$ 49 - $ 125</td>
</tr>
<tr>
<td>2nd Shift/Evening</td>
<td>$ 49 - $125</td>
</tr>
<tr>
<td>Lincoln &amp; North Village Apts</td>
<td>$ 115</td>
</tr>
<tr>
<td>Special Needs, Child Care</td>
<td>$ 0</td>
</tr>
<tr>
<td>Retired Employees</td>
<td>$ 24 - $ 83</td>
</tr>
</tbody>
</table>

*Where a fee range is given, actual fee is based on the employee's compensation level.

### Temporary Permit Fees

<table>
<thead>
<tr>
<th>One Lot</th>
<th>Non-Employee</th>
<th>Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Employee</td>
<td>$ 6/daily</td>
<td>$ 6/daily</td>
</tr>
<tr>
<td>$ 25/weekly</td>
<td>$ 25/weekly</td>
<td>$ 25/weekly</td>
</tr>
<tr>
<td>$ 75/monthly</td>
<td>$ 75/weekly</td>
<td>$ 75/weekly</td>
</tr>
</tbody>
</table>

### Non-Employee Permit Fees

<table>
<thead>
<tr>
<th></th>
<th>Non-Employee</th>
<th>Non-Employee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>$ 444 annually</td>
<td>NA</td>
</tr>
<tr>
<td>Blue</td>
<td>$ 375 annually</td>
<td>NA</td>
</tr>
<tr>
<td>Green</td>
<td>$ 125 annually</td>
<td>$ 340 annually</td>
</tr>
<tr>
<td>Purple</td>
<td>$ 205 annually</td>
<td>$ 305 annually</td>
</tr>
<tr>
<td>Yellow</td>
<td>$ 70 annually</td>
<td>$ 248 annually</td>
</tr>
<tr>
<td>Lower Garage</td>
<td>$ 1,164 annually</td>
<td>$ 1,164 annually</td>
</tr>
<tr>
<td>Upper Garage</td>
<td>$ 671 annually</td>
<td>$ 671 annually</td>
</tr>
<tr>
<td>Motorcycle</td>
<td>$125 annually</td>
<td>$125 annually</td>
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<tr>
<td>Evening/2nd Shift</td>
<td>$ 125 annually</td>
<td>NA</td>
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<tr>
<td>Metered Parking/Paystations</td>
<td>$1.50/hour</td>
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<tr>
<td>Garage</td>
<td>$ 1.75/hour</td>
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</tbody>
</table>

### Occasional Parkers

<table>
<thead>
<tr>
<th></th>
<th>Employee and Non-employee</th>
<th>Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Lots</td>
<td>$40/card (3 allowed)</td>
<td>NA</td>
</tr>
<tr>
<td>Green and Blue Lots</td>
<td>$20/card (3 allowed)</td>
<td>$20/card (2 allowed)</td>
</tr>
<tr>
<td>Yellow Lots</td>
<td>$10/card (3 allowed)</td>
<td>$10/card (2 allowed)</td>
</tr>
</tbody>
</table>

### Mobile/Vendor

<table>
<thead>
<tr>
<th></th>
<th>Vendors and Departments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$10/day</td>
</tr>
<tr>
<td></td>
<td>$48/week</td>
</tr>
<tr>
<td></td>
<td>$160/month</td>
</tr>
</tbody>
</table>
APPENDIX B
TRANSPORTATION SERVICES FEES

Field Trip Rates

<table>
<thead>
<tr>
<th>Service</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maroon &amp; white coach</td>
<td>$26/hour plus $3.30/mile</td>
</tr>
<tr>
<td>School bus</td>
<td>$24/hour plus $3.00/mile</td>
</tr>
<tr>
<td>All vans</td>
<td>$44/hour in Pioneer Valley</td>
</tr>
</tbody>
</table>

Meet & Greet car Service to

<table>
<thead>
<tr>
<th>Destination</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bradley Airport</td>
<td>$105/trip</td>
</tr>
<tr>
<td>In Pioneer Valley</td>
<td>$33/hour</td>
</tr>
<tr>
<td>Outside Pioneer Valley</td>
<td>$44/hour</td>
</tr>
</tbody>
</table>

Other

<table>
<thead>
<tr>
<th>Service</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fleet Maintenance Surcharge</td>
<td>$75 per vehicle per year</td>
</tr>
<tr>
<td>Transit Motor Pool</td>
<td>$20/day plus $0.36/mile</td>
</tr>
</tbody>
</table>

For more information, visit the Transportation Services web site.

For on-campus tows to Fleet Maintenance, we use a classic 1965 International Loadstar.