



University of Massachusetts Amherst

Campus Fire Safety Right-to-Know

Section 485 of the Higher Education Opportunity Act of 2008

2012

Annual Fire Safety Report

Prepared By

Department of Environmental Health and Safety



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**University of Massachusetts Amherst
2012 Annual Fire Safety Report
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University of Massachusetts Amherst 2012 Annual Fire Safety Report

Introduction

The Higher Education Opportunity Act (Public Law 110-315) (HEOA) was enacted on August 14, 2008, and reauthorizes the Higher Education Act of 1965, as amended (HEA). The Department of Environmental Health and Safety (EH&S) publishes this annual report for the University of Massachusetts Amherst to comply with the reporting requirements contained in Section 485 of the HEOA known as Campus Fire Safety Right-to-Know.

Provisions of the Act require colleges and universities to report fire safety information to the U.S. Department of Education and to make annual fire safety reports available to the public and the campus community. These reports must include:

- The number of fires and the cause of each fire.
- The number of injuries and deaths related to a fire.
- The value of property damage caused by a fire.
- The number of regular mandatory, supervised fire drills; policies or rules on portable electrical appliances; procedures for evacuation; policies or rules regarding fire safety education and training programs provided to students, faculty, and staff; and plans for future improvements in fire safety.
- Descriptions of fire protection equipment (fire alarms/sprinklers) in each on-campus housing facility.

This University of Massachusetts Amherst annual fire safety report provides information regarding on-campus student housing fire related incidents over the past three years and identifies the buildings and locations where fires have occurred. University of Massachusetts Amherst Residential Life fire safety policies and procedures are outlined with links directly to Residential Life web sites where additional details can be found. Provided in the report are descriptions of each residence hall's fire safety system.

Our report is published separately from the University of Massachusetts Amherst Annual Security Report which is published by the UMass/Amherst Police Department and available through their web site: <http://www.umass.edu/umpd/pdf/ASR.pdf>.

This report is available through the Department of Environmental Health and Safety web site: <https://ehs.umass.edu/campus-fire-safety-right-know-report-2012>.

As required, Environmental Health and Safety also maintains the Fire Log. This log provides up-to-date information on fire incidents occurring in any on-campus student housing facility.

This log may be viewed at: <http://www.ehs.umass.edu/2012-residential-fire-log> or by stopping by the main office of Environmental Health and Safety, 117 Draper Hall.

Additional information can be obtained by contacting the Department of Environmental Health and Safety at: 413-545-2682, or by emailing Ed Mientka at ejm@ehs.umass.edu.

Please visit us online at: <http://www.ehs.umass.edu/>.

UNIVERSITY OF MASSACHUSETTS AMHERST 2012 RESIDENTIAL FIRE INCIDENTS

(A fire incident is defined as any instance of open flame or other burning in a place not intended to contain the burning or in an uncontrolled manner.)

Residential Facilities	# of Fire Incidents	Date /Time Reported	Location	Cause	Number of related Injuries/ Deaths	Value of Property Damage
Baker Hall 160 Clark Hill Rd.	0					
Brett Hall 151 Infirmary Way	0					
Brooks Hall 160 Infirmary Way	0					
Brown Hall 92 Eastman Lane	0					
Butterfield Hall 171 Clark Hill Rd.	0					
Cance Hall 191 Fearing Street	0					
Cashin Hall 112 Eastman Lane	0					
Chadbourne Hall 110 Orchard Hill Drive	1	4/6/12 10:00am	Front Exterior of bathroom window	Careless disposal of smoking materials caused woodchips in area near front of building to smolder and ignite. Damage to frame of window.	0	0
Residential Facilities	# of Fire Incidents	Date /Time Reported	Location	Cause	Number of related Injuries/ Deaths	Value of Property Damage
Coolidge Hall 630 Massachusetts Ave	0					

Crabtree Hall 17 Eastman Lane	0					
Crampton Hall 256 Sunset Ave.	0					
Dickinson Hall 151 Orchard Hill Drive	0					
Dwight Hall 41 Eastman Lane	0					
Emerson Hall 151 Southwest Circle	0					
Field Hall 171 Orchard Hill Drive	0					
Gorman Hall 90 Butterfield Terrace	0					
Grayson Hall 161 Orchard Hill Drive	0					
Greenough Hall 120 Orchard Hill Drive	1	7/24/12 12:05am	Kitchen Room 106	Cooking fire: Ignited cooking oil. Occupant applied water to extinguish, increased smoke condition and activated fire alarm.	0	0
Hamlin Hall 739 No. Pleasant St.	2	11/19/12 10:25pm	3rd Floor residential room	Careless use of lighter. Towel within room caught fire. Fire extinguished with water from the room across the hall.	0	0
		2/17/12 8:25am	Kitchenette 3rd floor	Received report of maliciously burnt paper and other items in kitchenette on 3rd floor.	0	0
James Hall 660 Massachusetts Avenue	1	11/21/12 7:53am	Room 200 Bathroom	Couple of small burnt papers in sink of bathroom found by maintainer cleaning.	0	0
John Adams Hall 161 Fearing Street	0					
John Quincy Adams Hall 171 Fearing Street	0					
Johnson Hall 380 Thatcher Road	0					
Kennedy Hall 620 Massachusetts Ave	0					
Knowlton Hall 691 North Pleasant Street	0					
Residential Facilities	# of Fire Incidents	Date /Time Reported	Location	Cause	Number of related Injuries/ Deaths	Value of Property Damage
Leach Hall 21 Eastman Lane	0					

Lewis Hall 340 Thatcher Road	0					
Lincoln Apts. 345 Lincoln Avenue	0					
MacKimmie Hall 230 Sunset Ave.	0					
Mary Lyon Hall 43 Eastman Lane	0					
McNamara Hall 102 Eastman Lane	0					
Melville Hall 650 Massachusetts Avenue	1	2/6/12 8:22pm	1st Floor	Cooking/stovetop fire: Occupant left apartment with stove on. Smoke observed coming from under door, fire on stove area. Entry gained and fire extinguished with portable dry chemical extinguisher.	0	0
Moore Hall 111 Southwest Circle	0					
North Apartment A 56 Eastman Lane	0					
North Apartment B 58 Eastman Lane	0					
North Apartment C 54 Eastman Lane	0					
North Apartment D 52 Eastman Lane	0					
North Village Apts. 990 North Pleasant St.	1	9/27/12 3:20pm	Section J	Stovetop fire: Cooking oil from sauce pan leaked onto burner and ignited. Fire extinguished by can of fire suppressor hung from hood.	0	Less than \$100
Patterson Hall 204 Sunset Ave.	0					
Pierpont Hall 201 Fearing St.	0					
Prince Hall 286 Sunset Ave.	1	2/29/12 10:00pm	Room 22	Trashcan fire: Undetermined cause, relocated by occupant to faucet and extinguished.	0	0
Residential Facilities	# of Fire Incidents	Date /Time Reported	Location	Cause	Number of related Injuries/ Deaths	Value of Property Damage
Thatcher Hall 151 Thatcher Road	0					

Thoreau Hall 640 Massachusetts Avenue	0					
Van Meter Hall 180 Clark Hill Rd.	0					
Washington Hall 181 Fearing Street	0					
Webster Hall 141 Orchard Hill Drive	0					
Wheeler Hall 171 Infirmary Way	0					

UNIVERSITY OF MASSACHUSETTS AMHERST 2011 RESIDENTIAL FIRE INCIDENTS

(A fire incident is defined as any instance of open flame or other burning in a place not intended to contain the burning or in an uncontrolled manner.)

Residential Facilities	# of Fire Incidents	Date /Time Reported	Location	Cause / Notes	Number of related Injuries/ Deaths	Value of Property Damage
Baker Hall 160 Clark Hill Rd.	1		East side center area, window well	Leaf fire in window well being used for exhaust. AFD extinguished with PW extinguisher	0	0
Brett Hall 151 Infirmary Way	0					
Brooks Hall 160 Infirmary Way	0					
Brown Hall 92 Eastman Lane	1	10/3/11 1:00pm	Corridor between 401- 407	Residence Life staff member reported maliciously burned posters and burn marks on trash room door	0	0
Butterfield Hall 171 Clark Hill Rd.	0					
Residential Facilities	# of Fire Incidents	Date /Time Reported	Location	Cause	Number of related Injuries/ Deaths	Value of Property Damage
Cance Hall 191 Fearing Street	1	1/17/11 7:50pm	Residential Room	Unattended candle. Smoke and fire damage to room One	0	\$14,902

				sprinkler head activated. Water damage to other floor areas		
Cashin Hall 112 Eastman Lane	0					
Chadbourne Hall 110 Orchard Hill Drive	0					
Coolidge Hall 630 Massachusetts Avenue	0					
Crabtree Hall 17 Eastman Lane	1	3/10/11 8:10am	Corridor by Rm 313	Residence Life staff member reported burn mark on ceiling	0	0
Crampton Hall 256 Sunset Ave	0					
Dickinson Hall 151 Orchard Hill Drive	0					
Dwight Hall 41 Eastman Lane	0					
Emerson Hall 151 Southwest Circle	0					
Field Hall 171 Orchard Hill Drive	0					
Gorman Hall 90 Butterfield Terrace	0					
Grayson Hall 161 Orchard Hill Drive	0					
Greenough Hall 120 Orchard Hill Drive	0					
Hamlin Hall 739 No. Pleasant St.	0					
James Hall 660 Massachusetts Avenue	1	12/5/11 11:00am	Corridor by room 419	Malicious burning of paper on bulletin board	0	0
John Adams Hall 161 Fearing Street	0					
John Quincy Adams Hall 171 Fearing Street	0					
Johnson Hall 380 Thatcher Road	0					
Kennedy Hall 620 Massachusetts Avenue	1	12/16/11	7 th floor men's room	Malicious burning of toilet paper	0	0
Knowlton Hall 691 North Pleasant St.	0					
Residential Facilities	# of Fire Incidents	Date /Time Reported	Location	Cause	Number of related Injuries/Deaths	Value of Property Damage
Leach Hall 21 Eastman Lane	0					

Lewis Hall 340 Thatcher Road	0					
Lincoln Apts. 345 Lincoln Avenue	0					
MacKimmie Hall 230 Sunset Ave.	0					
Mary Lyon Hall 43 Eastman Lane	1	3/5/11 11:00pm	Adjacent main door window well	Smoldering trash in window well extinguished by students and EH&S with PW extinguisher	0	0
McNamara Hall 102 Eastman Lane	0					
Melville Hall 650 Massachusetts Avenue	0					
Moore Hall 111 Southwest Circle	0					
North Apartment A 56 Eastman Lane	0					
North Apartment B 58 Eastman Lane	0					
North Apartment C 54 Eastman Lane	0					
North Apartment D 52 Eastman Lane	3	5/9/11 11:00pm	Suite 511	Fire contained inside of self-cleaning oven, out upon EHS arrival	0	0
		11/2/11 9:05pm	Suite 301	Grease fire on stovetop: occupant applied water resulting in flash fire blackening ceiling and wall	0	0
		11/9/11 4:45pm	Suite 304	Cooking oil fire on stovetop extinguished by occupant with dry chemical fire extinguisher	0	0
North Village Apts. 990 North Pleasant St.	0					
Patterson Hall 204 Sunset Ave.	1	12/2/11	Room 314	Malicious burning of paper on room door	0	0
Pierpont Hall 201 Fearing St.	0					
Prince Hall 286 Sunset Ave.	0					
Residential Facilities	# of Fire Incidents	Date /Time Reported	Location	Cause	Number of related Injuries/ Deaths	Value of Property Damage
Thatcher Hall 151 Thatcher Road	0					

Thoreau Hall 640 Massachusetts Avenue	0					
Van Meter Hall 180 Clark Hill Rd.	0					
Washington Hall 181 Fearing Street	0					
Webster Hall 141 Orchard Hill Drive	0					
Wheeler Hall 171 Infirmary Way	0					

UNIVERSITY OF MASSACHUSETTS AMHERST 2010 RESIDENTIAL FIRE INCIDENTS

(A fire incident is defined as any instance of open flame or other burning in a place not intended to contain the burning or in an uncontrolled manner.)

Residential Facilities	# of Fire Incidents	Date /Time Reported	Location	Cause	Number of related Injuries/ Deaths	Value of Property Damage
Baker Hall 160 Clark Hill Rd.	0					
Brett Hall 151 Infirmary Way	0					
Brooks Hall 160 Infirmary Way	0					
Brown Hall 92 Eastman Lane	0					
Butterfield Hall 171 Clark Hill Rd.	0					
Cance Hall 191 Fearing Street	0					
Cashin Hall 112 Eastman Lane	0					
Chadbourne Hall 110 Orchard Hill Drive	0					
Coolidge Hall 630 Massachusetts Avenue	0					
Crabtree Hall 17 Eastman Lane	0					
Crampton Hall 256 Sunset Ave.	0					
Dickinson Hall 151 Orchard Hill Drive	0					
Dwight Hall 41 Eastman Lane	0					
Emerson Hall 151 Southwest Circle	1	10/16/10	3 rd floor residential room	Accidental small burn to underside of desk caused by mirror reflecting sunshine through window	0	0
Field Hall 171 Orchard Hill Drive	0					
Gorman Hall 90 Butterfield Terrace	0					
Grayson Hall 161 Orchard Hill Drive	0					

Residential Facilities	# of Fire Incidents	Date /Time Reported	Location	Cause	Number of related Injuries/ Deaths	Value of Property Damage
Greenough Hall 120 Orchard Hill Drive	0					
Hamlin Hall 739 No. Pleasant Street	0					
James Hall 660 Massachusetts Avenue	0					
John Adams Hall 161 Fearing Street	0					
John Quincy Adams Hall 171 Fearing Street	0					
Johnson Hall 380 Thatcher Road	0					
Kennedy Hall 620 Massachusetts Avenue	0					
Knowlton Hall 691 North Pleasant Street	0					
Leach Hall 21 Eastman Lane	0					
Lewis Hall 340 Thatcher Road	0					
Lincoln Apts. 345 Lincoln Avenue	0					
Mackimmie Hall 230 Sunset Ave.	0					
Mary Lyon Hall 43 Eastman Lane	0					
McNamara Hall 102 Eastman Lane	2	4/9/10 7:35am	1 st Floor Lobby	Housing reported paper burned below security camera	0	0
		12/17/10 11:05pm	4 th floor Elevator Lobby	Housing reported someone taped paper to upper left of elevator control buttons and ignited it	0	\$200
Melville Hall 650 Massachusetts Avenue	0					
Moore Hall 111 Southwest Circle	0					
North Apartment A 56 Eastman Lane	0					
North Apartment B 58 Eastman Lane	0					

Residential Facilities	# of Fire Incidents	Date /Time Reported	Location	Cause	Number of related Injuries/ Deaths	Value of Property Damage
North Apartment C 54 Eastman Lane	1	10/20/10	Elevator #2	Housing reported someone used a lighter to melt elevator buttons	0	0
North Apartment D 52 Eastman Lane	0					
North Village Apts. 990 North Pleasant St.	0					
Patterson Hall 204 Sunset Ave.	0					
Pierpont Hall 201 Fearing St.	0					
Prince Hall 286 Sunset Ave.	0					
Thatcher Hall 151 Thatcher Road	0					
Thoreau Hall 640 Massachusetts Avenue	0					
Van Meter Hall 180 Clark Hill Road	0					
Washington Hall 181 Fearing Street	0					
Webster Hall 141 Orchard Hill Drive	0					
Wheeler Hall 171 Infirmary Way	0					

Fire Safety Policies, Procedures and Guidelines Residence Hall Community Standards

Safety and Security <http://www.housing.umass.edu/living/safety.html>

At the University, personal safety and security is important for everyone. Observing safety precautions and knowing the established policies will help to prevent injury or mishap. To help ensure your safety and the safety of others:

Observe the rules and policies.

Know where to find the campus services numbers.

Keep your hall and room secure.

Remember, you and other residents share the responsibilities for maintaining an atmosphere where you can all study quietly, live safely, and treat one another respectfully.

Safety Precautions <http://www.housing.umass.edu/living/caution.html>

The office of Environmental Health and Safety (EH&S) is the agency responsible for establishing, implementing, and monitoring University policies and procedures related to fire safety, life safety, lab safety, environmental health, and related matters. Contact EH&S at 545-2682, if you have concerns about safety in your residence hall, the reliability of an electrical appliance, or the habitability of your room.

The University has developed the following policies for your protection. Failure to comply with these guidelines violates the Residence Hall Regulations portion of the Code of Student Conduct and will result in disciplinary action.

Your Living Area

Keep your own room clean and observe basic health standards.

Be sure all food is stored in closed containers to avoid attracting insects and other pests and to prevent food contamination.

Refrigerate any perishable food.

Keep radiators clear of furnishings for maximum circulation of heat.

Arrange furniture safely so that beds are not bunked or lofted improperly.

Use approved supports if you hang items on the wall.

Do not tamper with window screens. Screens must remain in place at all times.

Do not permit any open flame in your room for any reason. Candles, incense, and the lighting of smoking materials in student rooms is prohibited.

Electrical Service

Do not overload wiring by using high-voltage appliances, turning on too many electrical devices at the same time or using multiple outlet plugs or extension cords.

Report repeated loss of power due to tripped circuit breakers or blown fuses to residence hall staff. Do not tamper with hall circuit breakers and fuse boxes or attempt to replace a fuse.

Electrical Appliances

Make sure electric cords, plugs, and appliances are in good condition.

Frayed cords and damaged or defective appliances are prohibited from use on University property. Have EH&S (545-2682) verify the safety of any personal property items that might pose a hazard.

Use only appliances with the Underwriters' label or another recognized testing laboratory seal of approval.

Exercise care in the proper use of lamps, radios, stereos, electric blankets, and the like.

Do not allow high-intensity reading lamps to come in contact with combustible materials such as bedding, pillows, or paper.

Do not use a portable hair dryer unless your room outlets are adequate. If you are uncertain, check with EH&S, 545-2682. Never plug your hair dryer into an extension cord.

Be sure your refrigerator is a compact type - 3.0 cu. ft. or less - with a ground adapter

plug. No household-size appliances are permitted in student rooms. Plug your compact refrigerator into a permanently installed wall outlet, not an extension cord. To avoid the loss of power due to tripped circuit breakers or blown fuses, we encourage students to share one compact refrigerator per room. For information on renting an approved unit from an authorized vendor, call MicroFridge, 1-800-637-7567, or visit their website.

Note: All electric cords, plus and appliances must be in good condition. All appliances should have an Underwriters' label or seal of approval from another recognized testing laboratory. All appliances with exposed heating coils or those that can become excessively hot are potential fire hazards and are prohibited from your room.

The following electrical appliances can be used in your room:

CD/DVD player/stereo system

Coffee maker with an automatic shut-off and integrated dual safety circuit

Computer and printer

Fan

Heating pad

Lamp (please use compact fluorescent, instead of incandescent)

Microwave/refrigerator with integrated circuit

(For information on renting an approved unit from MicroFridge, an authorized vendor, call 800-637-7567 or visit their website.)

Portable hair dryer

Radio

Small refrigerator - 3.0 cu.ft. or less - with a ground adapter plug

Television

The following items may be used in common areas only (kitchenettes):

Electric frying pans

Hot plates

Irons

Microwave ovens

Toasters

Prohibited Items

You may not have hazardous items in your room at all. Possession of any items listed below violates the Residence Hall Regulations in the Code of Student Conduct and will result in disciplinary action.

Prohibited items include:

Incense

Candles*

Air conditioners

Electric cooking grills

Explosive materials

Facsimiles of weapons

Firearms or lethal weapons of any sort

Fireworks or explosives

Gasoline or other flammable liquids
Gas-powered equipment
Halogen Lamps
Laser pointers
Lighted smoking materials
Noxious chemicals
Octopus lamps
Pellet guns
Pets (except for service animals and fish in 10-gallon tanks)
Pyrotechnic devices and smoke machines
Space heaters of any kind

*Except for religious purposes only in designated areas as outlined in the Residence Hall Manual.

Fire Safety Information <http://www.housing.umass.edu/living/fire.html>

Fire safety depends on everyone. All residence halls are equipped with fire safety equipment designed to help with your safety. The University employs a full-time staff of fire prevention professionals. They inspect all campus buildings and test and maintain all fire systems and equipment. Each room has a smoke detector installed. Reporting any problems with the detector and keeping it uncovered ensures safe operation.

Residence Hall Fire Safety Policy Fire alarm systems, system components, sprinkler systems as well as individual detection devices shall not be tampered with in any manner. Nothing shall be hung on or near any fire alarm system component, detection device, sprinkler or pipe. Fire alarm system components and detection devices include but are not limited to: smoke detectors (system or local), audio/visual devices, wiring or wire-mold, heat detectors, manual fire alarm pull stations and "stopper alarms," fire alarm control panels, sprinklers and pipes. "Endangering behavior" is any act committed by a student that is a clear threat to life and health. The use of drugs, including alcohol does NOT lessen your responsibility.

You may be suspended or expelled from the University of Massachusetts Amherst and/or legal action may be taken if you:

- File a false report of fire or other dangerous conditions (except in cases of reasonable error or accident). This includes pulling/engaging a fire alarm in the absence of a fire.
- Refuse to evacuate any UMass Amherst building after a fire alarm has sounded or other notice has been given. Misuse a fire extinguisher. Fail to properly report a fire.
- Interfere with the response of campus or town officials to emergency calls. Park within eight feet of a fire hydrant or in designated fire lanes. The car will be ticketed and towed at your own expense.

- Damage or tamper with fire alarm and/or other fire safety equipment including pipes in the rooms. The pipes are to be free of objects at all times, including hanging items, adhering or wrapping items onto pipes.
- Cover or obstruct smoke detectors, fire alarm horns or sprinklers. Use appliances or materials that create a fire hazard. Consult your residence hall staff or EH&S, (413) 2682, about safe usage procedures.

Fire Extinguishers

Fire extinguishers are located on each floor in each campus building and in each apartment. Use a portable fire extinguisher only if you have been trained to do so. Irresponsible use of a fire extinguisher can create a dangerous situation for other residents and could result in damage to personal property. Misuse of a fire extinguisher may result in disciplinary action.

Emergency Exit Systems

The emergency exit systems in the residence halls include emergency lighting, emergency exit signage, exit stairways, and approved exit door hardware. As a resident, you should acquaint yourself with all of the nearest exit routes from your living area. Please do not tamper with any of the emergency exit systems.

Fire Alarms - Evacuation

When the fire alarm sounds, evacuation is required. This is necessary for your safety and the safety of the firefighters, University police officers, Environmental Health and Safety staff, and the Housing Services staff who respond. During an evacuation, please keep the following in mind:

- **Close and lock your room door**
- **Use the closest exit to your room that is passable**
- **Walk, do not run**
- **Do not use the elevator If smoke or fumes are coming up the stairwell, use another one**
- **Once you are out of the building, move as far away as possible**
- **Do not re-enter the building until you are cleared to do so**
- **If you do not leave during a fire alarm you are subject to Housing sanctions and possible legal action**

It is important that you familiarize yourself with procedures for evacuating your residence hall before you need to evacuate in an emergency. Take a few minutes, go out into the hallway and find the nearest exits from your room.

Fire Reporting

Call 911 to Report Smoke or Fire

Call UMPD at: 545-2121, or EH&S at: 545-2682, to report any extinguished fire

Safety Standards and Policies

Health and Safety Standards

Any activity deemed to be a threat to the health and safety of students is strictly prohibited. Adherence to basic health standards for sanitary conditions, hygiene, and appropriate use of bathrooms and common areas is expected of all residents and all guests. Students are expected to keep kitchen areas, bathrooms, hallways, and their rooms clean. This includes, but is not limited to refrigerating perishable foods, closing containers to avoid attracting pests, washing dishes after use, cleaning sinks after washing dishes, etc.

Candle Policy

Candles, lit or unlit, are not permitted in residence halls. Candles required for religious purposes may be approved; use must be registered in advance as outlined in the Lighting Religious Candles in the Residence Halls agreement.

Smoking Policy

Smoking, of any kind, is prohibited in residence halls. On July 1, 2013, the University of Massachusetts Amherst adopted the UMass Amherst Policy for a Tobacco- Free Campus. Use of tobacco products is prohibited everywhere on campus, inside buildings, and throughout the grounds.

Incense Policy

Incense, lit or unlit, is prohibited in all areas of the residence halls.

Open Flames

Open flame devices are prohibited from use in any University of Massachusetts Amherst residence hall or building (except laboratories and workshops, or under the auspices of Physical Plant or Facilities Operations personnel).

Lighters and matches may be used only outside of the residence halls. (See candle policy.)

Room/Apartment Entry and Inspection

Authorized UMass Amherst staff may enter your room/ suite/apartment without notice for maintenance or reasons of health and safety. Whenever practical, you will be given prior notice. Customarily, you will receive a 48 hour notice before room/suite/apartment entry for routine maintenance or inspections. UMass Amherst personnel will not move your personal property or search your room/suite/apartment except with your permission or by appropriate legal authority with a search warrant, or when required to perform necessary repairs.

During break periods, Residential Life and Environmental Health and Safety staff conduct visual inspections of all student rooms/suites/apartments for maintenance, safety, and security reasons after the residence halls close for Winter Session and other vacation periods. These visual inspections do not involve intrusion on your personal belongings.

Community Living Standards

All residents and their guests are expected to be respectful and responsible members of UMass Amherst residential communities. In doing so, they will cooperate with University officials acting in performance of their duties, and will neither participate in nor condone actions that interfere with a roommate's right to occupy the room, violate the rights of others, or prevent others from having a safe and respectful community living experience.

Ceiling and Wall Hangings

Tapestries and other combustible items are not permitted to be hung from ceilings; they must be hung flush against a wall. Wall hangings must not exceed 25 percent of wall area and must NOT obstruct smoke detectors, fire alarm speakers or any sprinkler device. You may use rubber cement, commercial hanging putty, and 3M hanging product to hang pictures and posters. You may not use nails, screws, or brackets to mount decorations on walls, bookcases, or ceiling fixtures. Rooms in Southwest are equipped with metal tracks for lightweight wall hangings and bulletin boards only. You may not hang bookcases from the metal tracks. All materials must be removed from the walls when you check out. You will be charged repair costs for any damage to the walls.

Furniture

- You are responsible for the furniture assigned to your room, suite, or apartment. If a piece of furniture is removed, you may be assessed a charge to replace the furniture.
- Upholstered or molded plastic furnishings procured from other sources may be a safety hazard or pose an increased risk of fire. This furniture must carry a label of California Test TB 117 or TB 133. Furniture presenting a fire or safety risk may be ordered removed by Environmental Health and Safety or Residential Life staff.
- Do not take any furnishings from common areas/lounges for your room, suite, or apartment. You will be billed if any common area furniture is found in your room, suite, or apartment.
- You may not move furniture from one room/suite apartment to another. Doing so violates the Residence Hall Regulations and may result in disciplinary action. You may also be billed for any damages.
- Keep radiators clear of furnishings for maximum circulation of heat.

University of Massachusetts Amherst Mass Amherst Code of Student Conduct – Section Relative to Fire Safety

http://www.umass.edu/dean_students/uploads/listWidget/25145/Code%20of%20Student%20Conduct%202013-2014.pdf

All undergraduate students are responsible for complying with the rules, regulations, policies, and procedures contained in the **Code of Student Conduct**, as well as those in other official University publications, and announcements which may be issued from time to time.

The University of Massachusetts Amherst Code of Student Conduct (Trustee Doc. #T-94-059) is applicable to any student enrolled in or accepted for an academic course or program, regardless of credits carried. As outlined in the Code of Student Conduct,

Residential Life, as an administrative unit of the university, addresses policy or contractual non-compliance issues that occur in the residence halls involving University of Massachusetts Amherst students and/or their guests. The Code of Student Conduct and the Residential Life policies and procedures outlined below apply in and around UMass Amherst residence halls.

Civility, Safety, and Environmental Health

Students are expected to uphold a high standard of civility and to be responsible along with all members of the University community for ensuring a safe and healthy campus. Students are expected to demonstrate their respect for all members of our richly diverse community.

The University has special concern for incidents in which individuals or groups are subject to physical assault, harassment, threats, intimidation, or coercion because of membership or perceived membership in a particular racial, religious, gender, gender identify, gender expression, or sexual orientation group, color, national origin, disability or veteran status. Such incidents damage not only individuals, but also the free and open academic environment of the University.

The following are examples of the behavior that violates this section of the Code of Student Conduct:

1. Campus Safety.

- a. **Physical Assault:** Physical Assault includes physical attack upon or physical interference with a person that causes that person to suffer actual physical injury.
- b. **Threatening Behavior:** Any behavior that puts another person in objectively reasonable fear for her or his physical safety, and/or results in minor or reactive physical contact with another person.
- c. **Harassment:** Harassment is defined as repeated use of written, verbal, or electronic expression or physical act or gesture, or any combination thereof, directed at a person that places that person in reasonable fear for her or his physical safety or prevents the person from conducting her or his customary or usual affairs, or substantially interferes with her or his educational experience.
- d. **Creating a Disturbance:** A willful interruption or disturbance of the day-to-day conduct of the academic or administrative business of the University. Examples of such interruption include demonstrations and actions that are in violation of the University of Massachusetts Amherst Picketing Code.
- e. **Failure to Comply:** A failure to act in accordance with the directions of University officials acting in performance of their duties.
- f. **Possession or Use of Dangerous Items:** Possession or use of fireworks, firearms, or other hazardous or dangerous weapons, including, but not limited to, facsimiles of weapons that might be construed to be capable of or are capable of firing projectiles of any kind.

g. **False Reports:** Falsely reporting fire or other dangerous conditions, failure to report a fire properly, or any interference with the response of University or Town officials to such emergency calls.

h. **Hazard Creation:** The creation of a fire hazard, the improper use of electrical appliances or the improper use or possession of inflammable or hazardous substances.

i. **Reckless Behavior:** Endangering the safety of persons (self or others) or property, or any action that might lead to loss of life or serious physical harm to others, including but not limited to throwing or dropping objects from buildings, tampering with or damaging elevator equipment or other machinery, damaging or removing a fire extinguisher or any part of a fire alarm and snowball or other object fights which involve other than willing participants.

j. **Disturbing Behavior:** Engaging with others in, or inciting others to engage in, harmful or destructive behavior, in the context of a group of persons disturbing the peace. Specific behaviors may include but are not limited to using violence or threatening violence to others, damaging or destroying property, stealing or looting, setting fires, throwing bottles or other projectiles, impeding or impairing emergency personnel services or equipment, obstructing traffic, refusing to leave when asked by an authorized person, or otherwise engaging in any action that might lead to intentionally or recklessly harming or endangering the physical safety or property of another.

k. **Failure to Evacuate:** Failure to get out of any University building after a fire alarm has sounded, or other notice has been given.

WHAT TO DO IN CASE OF FIRE

If you discover a fire:

- Close the door to the fire area.
- Activate the building fire alarm system.
- Call 911 from a safe area and report the exact fire location.
- Stay clear of the building and await further instructions.
- Use a portable fire extinguisher, if the fire is small, you can use it safely, you have been trained, and only after the building fire alarm system has been activated.

If you are in a fire area:

- Stay calm.
- Feel closed doors from top to bottom for heat, using the back of your hand.
- Crouch low and open the door slowly.
- If safe, go into the hallway and close the door behind you. Leave the door unlocked so firefighters do not have to break down doors to search for trapped residents.
- Activate the building fire alarm system.
- Go to the nearest clear stairway or exit and leave the building in a prompt and orderly manner. If the stairway is full of smoke, go to another stairway.

If you are trapped by a fire:

- Do not panic.
- Pack the space under the door with wet towels, clothing, or other material.
- Dial 911 and report your location.

- Go to a window, open it, wave a white or brightly colored cloth from it, and call to any people below.
- Do not break windows unless smoke is pouring into your room and you need fresh air to breathe.
- Stay near the window where you can be seen. Do not hide under the bed or in the closet.
- If you cannot get to a window, go to an inside corner of the room, curl up on the floor, and protect your face with a wet cloth. Stay calm, breathe slowly, and call out for help when you hear rescue personnel in the hallway.

FOR APARTMENT RESIDENTS

If you have a fire in your kitchen or kitchenette:

- Should a stovetop fire occur, use an ABC fire extinguisher, baking soda, or a lid to extinguish the fire. If the fire has spread beyond the stovetop, get out immediately and call 911.
- Never use flour or water to extinguish a cooking fire. Flour is combustible and water can spread fire.
- A fire extinguisher is located in every apartment kitchen. Do not relocate the fire extinguisher and only use it in the event of a fire. If the extinguisher is used to extinguish a kitchen fire, immediately notify the Apartments Office and it will be replaced. The University inspects fire extinguishers at least once a year, but you should periodically inspect the gauge to be certain the fire extinguisher is properly charged. If the needle indicates that it is undercharged or overcharged, call the Apartments Office for a replacement.

When cooking:

- Never leave cooking food unattended.
- Keep the stove area free of combustible objects such as dishtowels, potholders, decorations or boxes.
- Keep pan handles turned inwards so they are not accidentally bumped.

If you are in a fire area:

- Stay as calm as you can.
- Feel closed doors from top to bottom for heat, using the back of your hand.
- Crouch low and open the door slowly!
- If safe, go into the hallway and close the door behind you. Leave the door unlocked so firefighters do not have to break down doors to search for trapped residents.
- Activate the building fire alarm system.
- Let others know they must evacuate the building.
- Go to the nearest clear stairway or exit and leave the building in a prompt and orderly manner. If the stairway is full of smoke, go to another stairway.

Fire Reporting

Call 911 to Report Smoke or Fire

Call UMPD at: 545-2121, or EH&S at: 545-2682, to report any extinguished fire

EMERGENCY PLANS FOR STUDENTS WITH DISABILITIES

Students with disabilities have unique abilities and limitations. To be effective, emergency plans must be designed to meet the needs of the individual. At the beginning of every semester, staff members from the Office of Environmental Health and Safety (413-545-2682), will meet on site

with each identified disabled student to review fire safety, fire protection, special needs, and personal emergency action plans.

If you have a disability:

- If you are on the ground floor, leave through the nearest clear exit.
- If you are not on the ground floor, do not try to use an elevator.
- If the fire is on the floor where you are, you will have to leave the building by the stairs. Follow the plan EH&S has designed for your emergency evacuation.
- If the fire is not on your floor or you are trapped on the same floor as the fire, close the door to your room. Dial 911 and report your location in the building. Then, go to a window, open it, wave a cloth, and call out to any people below.
- Remain at the window until firefighters arrive.

Department of Environmental Health and Safety Fire Safety Services – For Residential Life



Fire Evacuation Drills

EH&S coordinates with Residential Life Staff and conducts fire drills within each residence hall once each semester (2 per year). In 2012 ninety fire evacuation drills were conducted for residence halls. The purpose of these drills is to assure that all residents know the sound of the fire alarm, know their exit routes and that their prompt evacuation is expected. These unannounced drills are timed and monitored by EH&S for effectiveness. Observed problems or unusual conditions are reported to staff for follow-up. Residence Hall staff is present and assist with fire safety messages that presented to residents at the conclusion of each drill.

Life Safety Inspections

- Life Safety Inspections: EH&S provides inspection services for all residence halls, conducting inspections of common areas and mechanical spaces once per semester. Inspections are conducted by Fire Safety Services Technicians with appropriate follow-up and recommendations for corrective action, with secondary inspections as necessary. Particular attention is given to maintenance of exit ways, exit lighting, emergency lighting, fire doors, fire alarm and sprinkler systems and portable fire extinguishers.

- Individual Room Safety Inspections: A safety inspection of each residence hall room is conducted by EH&S and Residential Life staff each January. Residents and residence hall staff are notified of any safety violations found. These may include the presence of candles, halogen lamps, flammable liquids, blocked smoke detectors and other unsafe conditions. Residents with violations are contacted, their rooms are re-inspected and fire safety issues are reviewed.

- 780 CMR Massachusetts State Building Code Certificate of Inspections: EH&S serves to coordinate, and assist our State Building Inspector with annual inspections of each

residence hall requisite for issuance of an annual Department of Public Safety Certificate of Inspection.

Fire Protection Systems Inspection, Testing, and Maintenance

-All residence hall fire protection equipment is inspected, tested and maintained through a coordinated program involving Residential Life Facilities Operations, EH&S, and system maintenance contractors.



- Fire Protection System Inspections: Once each week a Fire Safety Services Technician performs a visual inspection of residence hall fire alarm and major fire protection system components to assure operability and report on any unusual conditions.

- *Fire Alarm Systems:* Under contract, a system maintenance contractor provides semi-annual fire alarm system testing in each residence hall. These tests include verification of system performance including audio-visual devices, and manual pull stations. EH&S assists by inspecting testing room single station smoke detectors during January room inspections. In addition, during January EH&S conducts inspections and operational testing of each fire alarm system.

- *Fire Sprinkler Systems, Standpipe Systems, and Fire Pumps:* Once each summer water based fire protection systems are inspected and tested. These tests include verification of water flow, fire pump capacity tests, testing of flow indicating devices and fire pump controllers. In addition, each of our ten fire pumps is run tested once a week to assure operability. Any identified deficiency or maintenance issue is followed-up with an appropriate service request. EH&S staff coordinates with and assists a sprinkler maintenance contractor when such service is necessary.

Fire Extinguisher Service

- All residence hall portable fire extinguishers are inspected, and serviced by an EH&S Fire Safety Services Technician and fire extinguisher shop student staff. This includes annual programmed service, as well as repair, replacement, and charging as necessary and requested. In addition to inspections as part of annual maintenance, fire extinguishers are inspected once each semester as part of our life safety inspections.

Fire Safety Education

-Educational programs are provided by Environmental Health and Safety (EH&S) Fire Prevention Staff to all RA's annually. Programs are also provided periodically in residence halls on request. These programs include fire safety regulations, fire reporting, action items to be taken in event of fire, fire extinguisher use (for RA's) and fire protection systems overview. Coordinated with the Dean of Students Office, on-campus

residents identified violating Residential Life fire safety policies through the UMass Amherst Code of Student Conduct judicial process, are required to attend a fire safety educational program. This training is provided by the EH&S Fire Prevention Services Supervisor and Fire Safety Technicians.

Liaison and Code Enforcement

-EH&S staff provides plan review, project monitoring, and inspection services for various Residential Life projects. Serving as liaison to the State Building Inspector and local Fire Department Officials, EH&S assists with the acceptance process and resolution of Building Code or Fire Prevention Regulation issues.

Emergency Service Response

-EH&S staff are available 24/7 to provide fire and fire alarm response. EH&S maintains a presence on campus during in-session time periods with some shift coverage on an on stand-by basis during summer and intersession. During fire or fire alarm conditions, EH&S will provide assistance to responding fire department units. This assistance will include providing incident information, building information, key access, residence hall staff interface and assistance to residence with disabilities. Should an incident require investigation and follow-up EH&S staff will work closely with State, Amherst Fire, and UMPD officials.

Fire Reporting

Call 911 to Report Smoke or Fire

Call UMPD at: 545-2121, or EH&S at: 545-2682, to report any extinguished fire

University of Massachusetts Amherst Residence Hall Fire Protection Systems

All UMass Amherst residence halls are equipped with automatic sprinklers (see Table-1). Every residence hall also has a fire alarm system with detection, alerting and notification features (see Table-2).

Future Fire Protection Plans

In addition to state of the art fire alarm and sprinkler system installations with our new Commonwealth Honors College Residential Community (2013) and the Lincoln Apartments Building 1 renovations (2013), other fire protection upgrades are being planned. It is anticipated that in 2014 Brett House and Prince House will have new fire alarm systems installed.



Massachusetts State Fire Marshal addresses audience at media event recognizing the UMass Residence Hall Sprinkler Retrofit project

Table -1

Sprinkler Systems and Building Information and Installation/Retrofit Plan

Phase 1

Year Retrofitted	Residence Hall	Year Built	Area	Design Capacity
A	B	C	D	E
1980	Brooks	1949	28455	146
1979	Knowlton	1949	34552	153

Phase 2

Year Retrofitted	Residence Hall	Year Built	Area	Design Capacity
1993	Kennedy	1966	147,178	576
1990	Coolidge	1966	147,423	576
1990	J.Q. Adams	1966	147,178	576
1992	J. Adams	1966	147,178	576
1991	Washington	1966	147,178	576
1997	Brown	1971	102,653	444
1995	Cashin	1971	102,653	444
1996	McNamara	1971	102,653	444

Phase 3

Year Retrofitted	Residence Hall	Year Built	Area	Design Capacity
2005-2006	Dickinson	1965	78,214	319
2005-2006	Field	1965	78,214	319
2005-2006	Grayson	1965	78,214	319
2005-2006	Webster	1965	78,214	319
2005	Brett	1963	41,441	225
2005	Prince	1967	73,534	229
2006	Van Meter	1957	85,815	386
2006	North Apt- A,B,C&D	2006	325,000	860

Phase 4

Year Retrofitted	Residence Hall	Year Built	Area	Design Capacity
2007	Cance	1968	70,005	299
2007	Pierpont	1968	69,882	257
2007	Moore	1968	58,319	216

Phase 5

Year Retrofitted	Residence Hall	Year Built	Area	Design Capacity
2008	Gorman	1963	66,335	308
2008	Baker	1952	83,911	323
2008	Butterfield	1940	46,190	134
2008	Greenough	1946	36,505	133
2008	Chadbourne	1947	36,505	135

Phase 6

Year Retrofitted	Residence Hall	Year Built	Area	Design Capacity
2009	Patterson	1967	90,284	328
2009	Crabtree	1953	33,273	146
2009	Leach	1953	33,281	149
2009	Lyon	1959	38,304	165
2009	Dwight	1959	39,034	174

Phase 7

Year Retrofitted	Residence Hall	Year Built	Area	Design Capacity
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2010	Thatcher	1937	34,866	119
2010	Lewis	1940	36,295	121
2010	Hamlin	1949	34,552	140
2010	Johnson	1960	35,493	137
2010	Wheeler	1958	35,195	165
2010	North Village Units I-13 to I-16	1971	2,000	12

Phase 8

Year Retrofitted	Residence Hall	Year Built	Area	Design Capacity
2011	MacKimmie	1967	62,769	231
2011	Crampton	1967	51,059	188

Phase 9

Year Retrofitted	Residence Hall	Year Built	Area	Design Capacity
2012	Emerson	1966	40,777	159
2012	James	1966	45,662	186
2012	Thoreau	1966	45,662	176
2012	Melville	1966	45,662	192
2012	Lincoln Apts. Building 5	1951	15,096	30

Phase 10

Year Built/ Retrofitted	Residence Hall	Year Built	Area	Design Capacity
Opening Fall 2013	Commonwealth Honors College Residential Community	2013	500,000	1,500
Retrofit Summer 2013	Lincoln Apts. Building 1	1951	7,863	12

**Table -2
Fire Alarm System Information and Installation/Upgrade Plan**

Residential Areas	Stories	Voice or Horn Alerting	Corridor & Room Alerting	Unit Occupant Smoke Detector [i]	Unit Occupant Smoke Detection With Power Backup[ii]	Standby Power	Manual Pull Stations	Zoned Detection	Automatic UMPD Dispatch Notification
NORTHEAST RESIDENTIAL AREA									
Crabtree	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dwight	4	Voice	Yes	Yes	No	Yes	Yes	Yes	Yes
Hamlin	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Johnson	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Knowlton	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Leach	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lewis	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lyon	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Thatcher	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SYLVAN RESIDENTIAL AREA									
Brown	8	Voice	Yes	Yes	No	Yes	Yes	Yes	Yes

Cashin	8	Voice	Yes	Yes	No	Yes	Yes	Yes	Yes
McNamara	8	Voice	Yes	Yes	No	Yes	Yes	Yes	Yes
CENTRAL RESIDENTIAL AREA									
Baker	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Brett (Upgrade in 2014)	4	Horn	Yes	Yes	No	Yes	Yes	Yes	Yes
Brooks	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Butterfield	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Chadbourne	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Gorman	4	Voice	Yes	Yes	No	Yes	Yes	Yes	Yes
Greenough	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Van Meter	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wheeler	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ORCHARD HILL RESIDENTIAL AREA									
Dickinson	7	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Field	7	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Grayson	7	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Webster	7	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SOUTHWEST RESIDENTIAL AREA									
Cance	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Coolidge	22	Voice	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Crampton	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Emerson	3	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
James	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
J. Adams	22	Voice	Yes	Yes	Yes	Yes	Yes	Yes	Yes
J. Q. Adams	22	Voice	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Kennedy	22	Voice	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MacKimmie	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Melville	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Moore	3	Voice	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Patterson	4	Voice	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pierpont	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Prince (Upgrade in 2014)	4	Voice	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Thoreau	4	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Washington	22	Voice	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Residential Areas	Stories	Voice or Horn Alerting	Corridor & Room Alerting	Unit Occupant Smoke Detector [i]	Unit Occupant Smoke Detection	Standby Power	Manual Pull Stations	Zoned Detection	Automatic UMPD Dispatch

					With Power Backup[i]				Notification
NORTH APARTMENTS									
Building A	5	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Building B	5	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Building C	5	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Building D	5	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
APARTMENTS									
Lincoln (Excl 1, 5 &10) Building 1 Upgrade 2013	2	Horn	Yes	Yes	No	Yes	Yes	Yes	Yes
Lincoln (Bld. 1, 5 &10) Building 1 Upgrade 2013	2	Horn	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N. Village	1	Horn	Yes	Yes	Yes	Yes	No	No	No
N. Village (Bld. 428)	1	Horn	Yes	Yes	Yes	Yes	No	Yes	Yes
COMMONWEALTH HONORS COLLEGE RESIDENTIAL COMMUNITY									
Birch (Opening Fall 2013)	5	Voice	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Elm(Opening Fall 2013)	9	Voice	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Linden(Opening Fall 2013)	5	Voice	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Maple(Opening Fall 2013)	5	Voice	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Oak(Opening Fall 2013)	6	Voice	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sycamore (Opening Fall 2013)	8	Voice	Yes	Yes	Yes	Yes	Yes	Yes	Yes

[i] Unit occupant smoke detection includes single and multiple station smoke detectors within student rooms hardwired or with system smoke detectors similarly programmed.
 [ii] Unit occupant smoke detection with battery backup includes station smokes with integral battery or system smokes with secondary power supply.