

2012

CAMPUS

FIRE SAFETY REPORT



ANNUAL STUDENT HOUSING FIRE SAFETY REPORT IN ACCORDANCE WITH THE HIGHER EDUCATION OPPORTUNITY ACT (PL 110-315)

Georgia Tech's fire safety policy and rules are intended to prevent fires and fire-related injuries and/or deaths from occurring or affecting the Georgia Tech community and facilities. All Georgia Tech buildings are inspected annually, and residential rooms are inspected periodically, at random times during the year, to ensure compliance with state fire codes. Because of the seriousness of the consequences that could result from failure to comply with codes and Georgia Tech's fire safety rules, Georgia Tech takes disciplinary action on the first offense. This may include the imposition of a fine by the Housing Department. The Institute also has the right to require students who violate safety rules to vacate their accommodations—without financial credit for the remainder of the semester.

The following information summarizes Georgia Tech's fire safety standards and initiatives.

FIRE SAFETY STANDARDS

The following behaviors are prohibited in Georgia Tech Residential facilities:

- Misusing or tampering with fire safety equipment. This includes, but is not limited to, fire extinguishers, hoses, horns, bells, conduit sections, alarm-pull trigger devices, fire sprinklers, central-relay control bases, and glass covers for fire extinguishers, as well as pulling false alarms.
- Obstructing hallways, sidewalks, or stairwells that might impede evacuation from a building during an emergency.
- Propping open interior fire doors in common areas, stairwells, and hallways. These are in place for added fire protection to slow the spread of fire.
- Storing bicycles in stairwells or any other location that might impede evacuation from a building during an emergency.
- Possessing chemicals or substances that are potentially dangerous or highly flammable. This includes, but is not limited to, gasoline, propane, lighter fluid, torches, etc.
- Leaving cooking food unattended.
- Failing to vacate the building when the fire alarm system is activated.

Open Flames

- Candles, incense, burners, and other open flame devices are strictly prohibited.
- Using items that are potentially dangerous and/or flammable, including fireworks, hazardous materials, etc., is also prohibited.

Smoking

- Smoking is prohibited in all residence hall areas (rooms, apartments, suites, common areas, lobbies, lounges, stairwells, elevators, activity/recreation rooms, bathrooms, etc.). Those who choose to smoke must do so at least twenty-five feet from any residence hall.

FIRE SAFETY INSPECTIONS

The Georgia Tech Fire Safety Office conducts yearly fire inspections in the residence halls within the first month of each semester, checking rooms for fire or unusual safety hazards and to ensure compliance with the following:

- No halogen-touquier lights. The intense heat generated by these bulbs creates a fire hazard and a potential source of burns. These bulbs start fires if they come into contact with curtains, clothes, paper, and other flammables. In addition, the lamps are usually unstable and can be easily tipped over.
- No overloaded electrical circuits. There can be only one major appliance (such as a refrigerator, TV, computer, microwave, etc.) per receptacle plug.
- No hanging of items from overhead lights, sprinkler heads, or pipes. No attachments to the ceiling.
- Immediate and proper disposal of appliances with old or damaged cords.
- Use of electrical appliances that meet the Underwriter's Laboratory (UL) or Electrical Testing Labs (ETL) safety standards.
- No removal of grounding pins from three-pronged electrical cords.
- No unattended operating of coffeemakers and other appliances with exposed heating elements. They must be unplugged after each use and stored appropriately.
- No running of cords under carpet. Avoid stapling or tacking electrical wires to fixtures (on walls, over doorways, on ceilings, etc.)
- No open-element hotplates.
- Appliances and other higher wattage equipment should be plugged directly into a wall outlet.

REGULAR MANDATORY SUPERVISED FIRE DRILLS

Georgia Tech's Housing Department, in conjunction with the Georgia Tech Fire Safety Office and the Georgia Tech Police Department (GTPD), conducts a total of 126 emergency evacuation drills per year. These drills are conducted within ten days of the beginning of classes each semester. During fire evacuation drills, each fire alarm system in each on-campus student housing facility is activated. Once the alarm has been activated, students and visitors must exit immediately and gather at the designated evacuation safe refuge location. A sweep of all floors and a head count is conducted by a Housing Department representative and GTPD officer. Only when the alarm is silenced and the GTPD or local authority gives the "all clear," will reentry into the building be permitted. Students who do not vacate the building when a fire alarm is activated may be subject to judicial action.

NOTE: For these drills only, the fire alarm system is reset by the Georgia Tech Housing Electrical Department.

For all evacuation safe refuge locations, go to <http://www.housing.gatech.edu/policies/security-alert-policy.cfm>

FIRE PROTECTION SYSTEMS

Fire Alarm Systems/Initiation and Pull Stations

Fire alarm pull stations are generally located at exit doors, stairways, and at elevators in Georgia Tech residential facilities. Once the alarm is activated, the Georgia Tech Police Communications Center automatically receives the signal and responds by contacting Atlanta Fire Rescue.

Smoke Detection

Smoke detectors are located throughout each floor of every residential facility on campus. If smoke is detected, the fire alarm system will automatically send a signal to the central station monitor.

Sprinkler System

The rise of temperature associated with fire in an area will activate the sprinkler system and send an alarm signal to the central station monitor. Currently, 79.8 percent of Georgia Tech housing beds are covered by sprinkler protection. Future renovation project plans will accomplish 100 percent sprinkler coverage by 2020 or sooner.

Sprinkler heads must not be tampered with or used as a means to hang personal items. This could cause malfunctioning of the system or substantial water damage if one of the heads accidentally discharges. These sprinklers disperse twenty to forty gallons of water per minute. Georgia Tech is not responsible for any loss a student may incur as a result of tampering with sprinkler heads. A resident who knowingly or accidentally causes a sprinkler to activate may be charged for the repairs/cleanup and may be subject to judicial proceedings.

NOTE: It is against federal and state laws to tamper with or interfere with life and safety equipment. Destroying fire exit signs, fire alarm boxes, and other safety items could lead to disciplinary action, and the resident may be charged for the repairs/cleanup.

EVACUATION PLANS

Evacuation plans for all of Georgia Tech's housing facilities are located at <http://www.housing.gatech.edu/policies/security-alert-policy.cfm>.

General Procedures

If smoke or a fire is discovered, the fire alarm must be activated immediately. Exit through the nearest door or stairway and proceed to the designated evacuation safe refuge area. If the nearest exit or exit stairwell is obstructed by smoke, fire, or other hazards, proceed to an alternate exit or exit stairwell. Do not use elevators.

Once assembled outside at the Emergency Evacuation Assembly Point, Housing PLs and RAs will account for all occupants and communicate with first responders if anyone is not accounted for and provide other information vital to safety and rescue.

Building occupants shall not reenter the building until the Authority Having Jurisdiction gives the “all clear.”

REPORTING FIRES

To report a fire, students, employees, or visitors should call the Georgia Tech Police Communications Center at 911 from any campus landline. Alternatively, callers can dial (404) 894-2500 from a cell phone. Either option will ensure the quickest response and will also ensure that other Georgia Tech personnel, as appropriate, are notified.

TRAINING

Fire Safety Education and training programs are available for students, faculty, and staff. The Housing Department Student Staff Members (SSMs) receive classroom and/or hands-on training in the following areas:

- Fire extinguisher use
- Evacuation and emergency preparedness
- Kitchen fire safety
- Life safety systems
- Georgia Tech Fire Safety Rules
- Fire inspection program

PLANNED RENOVATIONS AND UPGRADES

Georgia Tech aggressively upgrades fire alarm systems, fire sprinkler systems, and other egress-related components as needed and during building renovations. Whenever possible, upgrades are performed outside of the set renovation schedule to update older systems.



GEORGIA TECH RESIDENTIAL FACILITIES FIRE AND LIFE SAFETY OVERVIEW

Buildings	Number of Beds	Fire Alarm System	Sprinkler System	Date Constructed	Last Renovation	Scheduled Renovations	Evacuation Drills Completed
Armstrong	128	yes	yes	1969	2006	-	3
Brown	91	yes	yes	1925	1993	2020	3
Caldwell	158	yes	yes	1969	2002	-	3
Center Street North	160	yes	yes	1995	-	-	3
Center Street South	192	yes	yes	1995	-	-	3
Cloudman	119	yes	no	1931	1995	2019	3
Crecine	322	yes	yes	1995	-	-	3
Eighth Street East	216	yes	yes	1995	-	-	3
Eighth Street South	188	yes	yes	1995	-	-	3
Eighth Street West	248	yes	yes	1995	-	-	3
Family Housing (10 th and Home)	394	yes	yes	2005-2006	-	-	3
Field	126	yes	no	1961	1995	-	3
Fitten	135	yes	yes	1972	2012	-	3
Folk	156	yes	yes	1969	2005	-	3
Fourth Street E	24	yes	yes	1995	-	-	3
Freeman	114	yes	yes	1972	2012	-	3
Fulmer	58	yes	yes	1969	2000	-	3
Glenn	331	yes	no	1947	1996	2015	3
Goldin House	24	yes	yes	1995	-	-	3
Graduate Living	347	yes	yes	1994	-	2022	3
Hanson	114	yes	no	1961	1991	2021	3
Harris	92	yes	yes	1925	1992	2020	3
Harrison	151	yes	yes	1939	1998	-	3
Hayes House	24	yes	yes	1995	-	-	3
Hefner	126	yes	yes	1969	2008	-	3
Hopkins	130	yes	no	1961	1995	2021	3
Howell	122	yes	no	1939	1990	-	3
Matheson	147	yes	no	1961	1993	-	3
Maulding	251	yes	yes	1995	-	-	3
Montag	117	yes	yes	1972	2012	-	3
North Ave East	658	yes	yes	1995	2009	-	3
North Ave North	582	yes	yes	1995	2009	-	3
North Ave South	586	yes	yes	1995	2009	-	3
North Ave West	179	yes	yes	1995	2009	-	3
Perry	117	yes	no	1961	1993	-	3
Sixth Street	228	yes	yes	1996	-	-	3
Smith	295	yes	no	1947	1993	2018	3
Stein House	24	yes	yes	1995	-	-	3
Tower	255	yes	no	1947	1996	2014	3
Undergraduate Living Center	427	yes	yes	1994	-	-	3
Woodruff North	274	yes	yes	1984	-	-	3
Woodruff South	274	yes	yes	1984	-	-	3
Total	8704	100%	80%*				126

* Percentage of number of beds protected by a sprinkler system is 79.8% shown rounded.

GEORGIA TECH RESIDENTIAL FACILITIES FIRE AND LIFE SAFETY OVERVIEW

Buildings	Number of Beds	Fire Alarm System	Sprinkler System	Date Constructed	Last Renovation	Scheduled Renovations	Evacuation Drills Completed
Alpha Chi Omega		yes	yes				3
Alpha Delta Pi		yes	yes				3
Alpha Xi Delta		yes	yes				3
Delta Chi		yes	yes				3
Phi Kappa Theta		yes	yes				3
Phi Mu		yes	yes				3
Pi Kappa Alpha		yes	yes				3
Pi Kappa Phi		yes	yes				3
Alpha Delta Chi		yes	yes				3
Total		100%	100%				27

2011 – SUMMARY OF GEORGIA TECH HOUSING-RELATED FIRE INCIDENTS

Buildings	Date	Time	Fire	Fire Cause	Injuries	Deaths	Property Damage
Armstrong	-	-	-	-	-	-	-
Brown	-	-	-	-	-	-	-
Caldwell	-	-	-	-	-	-	-
Center Street North	-	-	-	-	-	-	-
Center Street South	-	-	-	-	-	-	-
Cloudman	-	-	-	-	-	-	-
Crecine	-	-	-	-	-	-	-
Eighth Street East	-	-	-	-	-	-	-
Eighth Street South	-	-	-	-	-	-	-
Eighth Street West	-	-	-	-	-	-	-
Family Housing (10 th and Home)	3/30	8:45 PM	1	Cooking	0	0	\$25~
	7/24	9:30 AM	2	Cooking	0	0	\$45~
	8/21	8:45 AM	3	Cooking	0	0	\$25~
	12/13	3:21 AM	4	Cooking	0	0	\$25~
Field	-	-	-	-	-	-	-
Fitten	-	-	-	-	-	-	-
Folk	-	-	-	-	-	-	-
Fourth Street E	-	-	-	-	-	-	-
Freeman	-	-	-	-	-	-	-
Fulmer	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-
Graduate Living	-	-	-	-	-	-	-
Hanson	-	-	-	-	-	-	-
Harris	-	-	-	-	-	-	-
Harrison	-	-	-	-	-	-	-
Hayes House	-	-	-	-	-	-	-
Hefner	11/10	9:35 AM	1	Cooking	0	0	\$25~
Hopkins	-	-	-	-	-	-	-
Howell	-	-	-	-	-	-	-
Matheson	-	-	-	-	-	-	-
Maulding	-	-	-	-	-	-	-
Montag	-	-	-	-	-	-	-
North Ave East	5/3	8:13 AM	1	Unknown	0	0	\$500~
	11/4	8:55 AM	2	Mechanical	0	0	\$250~
North Ave North	-	-	-	-	-	-	-
North Ave South	-	-	-	-	-	-	-
North Ave West	-	-	-	-	-	-	-
Perry	-	-	-	-	-	-	-
Sixth Street	-	-	-	-	-	-	-
Smith	-	-	-	-	-	-	-
Stein House	-	-	-	-	-	-	-
Towers	-	-	-	-	-	-	-
Undergraduate Living Center	-	-	-	-	-	-	-
Woodruff North	-	-	-	-	-	-	-
Woodruff South	-	-	-	-	-	-	-
Total			7		0	0	\$895

2011 – SUMMARY OF GEORGIA TECH ON-CAMPUS GREEK RESIDENCE-RELATED FIRE INCIDENTS

Buildings	Date	Time	Fires	Fire Cause	Injuries	Deaths	Property Damage
Alpha Chi Omega	-	-	-	-	-	-	-
Alpha Delta Pi	-	-	-	-	-	-	-
Alpha Xi Delta	-	-	-	-	-	-	-
Delta Chi	-	-	-	-	-	-	-
Phi Kappa Theta	-	-	-	-	-	-	-
Phi Mu	-	-	-	-	-	-	-
Pi Kappa Alpha	-	-	-	-	-	-	-
Pi Kappa Phi	-	-	-	-	-	-	-
Alpha Delta Chi	-	-	-	-	-	-	-
Total			0		0	0	\$0.00

2010 – SUMMARY OF GEORGIA TECH HOUSING-RELATED FIRE INCIDENTS

Buildings	Date	Time	Fire	Fire Cause	Injuries	Deaths	Property Damage
Armstrong	-	-	-	-	-	-	-
Brown	-	-	-	-	-	-	-
Caldwell	-	-	-	-	-	-	-
Center Street North	-	-	-	-	-	-	-
Center Street South	-	-	-	-	-	-	-
Cloudman	-	-	-	-	-	-	-
Crecine	11/14	5:40 PM	1	Cooking	0	0	\$0 – \$99
Eighth Street East	-	-	-	-	-	-	-
Eighth Street South	-	-	-	-	-	-	-
Eighth Street West	-	-	-	-	-	-	-
Family Housing (10 th and Home)	2/6	10:19 AM	1	Cooking	0	0	\$0 – \$99
	6/7	5:47 PM	2	Cooking	0	0	\$0 – \$99
	8/8	8:25 PM	3	Cooking	0	0	\$0 – \$99
	9/25	3:30 PM	4	Cooking	0	0	\$0 – \$99
	10/20	6:45 AM	5	Cooking	0	0	\$0 – \$99
Field	2/18	10:30 AM	1	Electrical	0	0	\$0 – \$99
Fitten	-	-	-	-	-	-	-
Folk	3/28	11:15 AM	1	Cooking	0	0	\$0 – \$99
	4/5	10:15 AM	2	Cooking	0	0	\$0 – \$99
Fourth Street E	-	-	-	-	-	-	-
Freeman	-	-	-	-	-	-	-
Fulmer	-	-	-	-	-	-	-
Glenn	3/11	12:00 PM	1	Other	0	0	\$0 – \$99
Graduate Living	2/8	1:00 PM	1	Cooking	0	0	\$0 – \$99
	10/6	8:00 PM	2	Cooking	0	0	\$100 – \$999
Hanson	-	-	-	-	-	-	-
Harris	-	-	-	-	-	-	-
Harrison	-	-	-	-	-	-	-
Hayes House	-	-	-	-	-	-	-
Hefner	-	-	-	-	-	-	-
Hopkins	2/18	1:15 PM	1	Cooking	0	0	\$0 – \$99
Howell	-	-	-	-	-	-	-
Matheson	-	-	-	-	-	-	-
Maulding	-	-	-	-	-	-	-
Montag	-	-	-	-	-	-	-
North Ave East	10/31	9:45 PM	1	Cooking	0	0	\$0 – \$99
North Ave North	-	-	-	-	-	-	-
North Ave South	7/17	6:21 PM	1	Cooking	0	0	\$0 – \$99
North Ave West	-	-	-	-	-	-	-
Perry	-	-	-	-	-	-	-
Sixth Street	-	-	-	-	-	-	-
Smith	-	-	-	-	-	-	-
Stein House	-	-	-	-	-	-	-
Towers	2/20	2:29 AM	1	Cooking	0	0	\$0 – \$99
	3/18	6:54 PM	2	Smoking Materials	0	0	\$0 – \$99
	5/7	3:00 AM	3	Other	0	0	\$0 – \$99
Undergraduate Living Center	8/13	6:18 PM	1	Machinery	0	0	\$0 – \$99
Woodruff North	-	-	-	-	-	-	-
Woodruff South	9/13	11:13 PM	1	Cooking	0	0	\$0 – \$99
Total			20		0	0	\$100 - \$2810

2010 – SUMMARY OF GEORGIA TECH ON-CAMPUS GREEK RESIDENCE-RELATED FIRE INCIDENTS

Buildings	Date	Time	Fires	Fire Cause	Injuries	Deaths	Property Damage
Alpha Chi Omega	-	-	-	-	-	-	-
Alpha Delta Pi	-	-	-	-	-	-	-
Alpha Xi Delta	-	-	-	-	-	-	-
Delta Chi	-	-	-	-	-	-	-
Phi Kappa Theta	-	-	-	-	-	-	-
Phi Mu	-	-	-	-	-	-	-
Pi Kappa Alpha	-	-	-	-	-	-	-
Pi Kappa Phi	-	-	-	-	-	-	-
Alpha Delta Chi	-	-	-	-	-	-	-
Total			0		0	0	\$0.00

2009 – SUMMARY OF GEORGIA TECH HOUSING-RELATED FIRE INCIDENTS

Buildings	Date	Time	Fires	Fire Cause	Injuries	Deaths	Property Damage
Armstrong	-	-	-	-	-	-	-
Brown	-	-	-	-	-	-	-
Caldwell	-	-	-	-	-	-	-
Center Street North	-	-	-	-	-	-	-
Center Street South	-	-	-	-	-	-	-
Cloudman	-	-	-	-	-	-	-
Crecine	-	-	-	-	-	-	-
Eighth Street East	-	-	-	-	-	-	-
Eighth Street South	-	-	-	-	-	-	-
Eighth Street West	-	-	-	-	-	-	-
Family Housing (10 th and Home)	2/6	10:19 AM	1	Grease Fire	-	-	\$286
Field	2/18	10:03 AM	1	Faulty Transformer	-	-	\$74,719
Fitten	-	-	-	-	-	-	-
Folk	-	-	-	-	-	-	-
Fourth Street E	2/20	9:08 PM	1	Furnace	-	-	-
Freeman	-	-	-	-	-	-	-
Fulmer	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-
Goldin House	-	-	-	-	-	-	-
Graduate Living	-	-	-	-	-	-	-
Hanson	-	-	-	-	-	-	-
Harris	-	-	-	-	-	-	-
Harrison	-	-	-	-	-	-	-
Hayes House	-	-	-	-	-	-	-
Hefner	-	-	-	-	-	-	-
Hopkins	-	-	-	-	-	-	-
Howell	-	-	-	-	-	-	-
Matheson	-	-	-	-	-	-	-
Maulding	-	-	-	-	-	-	-
Montag	-	-	-	-	-	-	-
North Ave East	-	-	-	-	-	-	-
North Ave North	-	-	-	-	-	-	-
North Ave South	-	-	-	-	-	-	-
North Ave West	-	-	-	-	-	-	-
Perry	-	-	-	-	-	-	-
Sixth Street	-	-	-	-	-	-	-
Smith	-	-	-	-	-	-	-
Stein House	-	-	-	-	-	-	-
Towers	-	-	-	-	-	-	-
Undergraduate Living Center	-	-	-	-	-	-	-
Woodruff North	-	-	-	-	-	-	-
Woodruff South	-	-	-	-	-	-	-
Total			3		0	0	\$75,005

Prepared by:
Georgia Institute of Technology
Environmental Health and Safety
490 10th Street
Atlanta, GA 30318
404-894-4635
www.ehs.gatech.edu

*Copyright 2012 • Georgia Institute of Technology • Institute Communications • N13C4351
An equal education and employment opportunity institution*