

AEDs SAVE LIVES

In March 2007, East Tennessee State University completed the initial phase of a multiple year program to purchase and place 34 Automated External Defibrillators (AEDs) throughout the main and outlying campuses to reduce the response time to cardiac arrest victims. Since the initial program, additional AED's have been purchased to continue to assist in response time. This initial phase of the AED program focused on the facilities with the highest occupancy rates. The AED placements are shown on the attached list. Buildings that do not currently have an on-site AED will be provided emergency services by Public Safety.

An AED is a computerized medical device that can be used to treat a victim of cardiac arrest. The AED evaluates a cardiac arrest victim's heart rhythm, determines if shock is needed and delivers an electric shock through the chest wall to the heart. Audible and/or visual prompts guide the user through the process.

Adhesive electrode pads are placed on the victim's chest and they are joined by cables to the AED. The adhesive pads capture the victim's heart rhythm and transmit the rhythm to the AED. A computer inside the defibrillator analyzes the victim's heart rhythm and advises the operator whether a shock is needed. AEDs advise a shock only for a "shock able" rhythm, most often ventricular fibrillation (VF). Ventricular fibrillation is a life-threatening abnormal heart rhythm in which the heart's electrical impulses become chaotic, causing the heart to quiver and stop pumping blood. The shock is delivered through the adhesive electrode pads that are attached to the victim's chest. If the shock is effective, it will stop the abnormal heart rhythm, allowing the heart's normal rhythm to resume.

When a victim collapses in sudden VF cardiac arrest, each minute that passes without CPR and defibrillation decreases the chances of survival by 7 percent to 10 percent. AEDs placed throughout the community with rescuers trained in CPR and use of an AED can help sudden cardiac arrest victims receive immediate bystander CPR and defibrillation within minutes. CPR and defibrillation can significantly increase survival from sudden cardiac arrest.

CPR is important because survival can double if it is provided from the moment of collapse until the AED is ready to deliver a shock. CPR may also be needed after the AED successfully stops the abnormal heart rhythm until the victim's heart rhythm can provide adequate circulation.

An AED operator must know how to recognize the signs of sudden cardiac arrest, when to activate the EMS system and how to perform CPR. ETSU have provided classes to over 200 employees. Classes are normally presented during each semester. If you are interested in attending a future AED class or have questions regarding our AED program, please contact Health and Safety @ 9-6028.

**East Tennessee State University
AED Placements**

Main Campus Locations

<u>Building/Site</u>	<u>Location</u>
Ball Hall	1 st floor, W. stairwell, near auditorium
Brooks Gym	2 nd floor, near room 222
Brown Hall	1 st floor, N. side, Biology area
Burgin E. Dossett	2 nd floor, near information desk
Burleson	1 st floor, inside vending area
Campus Center Building	1 st floor lobby beside fire alarm panel
Center for Physical Activity	Equipment Desk
Child Study Center, Signal Drive	Reception area
Culp Center	Main office-2 nd floor
Facilities	Electrical Shop
Facilities	Break area
Gilbreath	2 nd floor, across from stairwell
Gray Fossil Site	Lobby area, ground floor
Hutcheson Hall	2 nd floor, in lobby area
Innovation Laboratory	Reception area
Kingsport Center	Main Office
Lamb Hall	1 st floor, Dental Hygiene near elevator
Lamb Hall	3 rd floor, south side beside elevator
Mathes	1 st floor, N. end
MSHA Athletic Center (Mini-Dome)	Kinesiology Lab., room E-113
MSHA Athletic Center (Mini-Dome)	2 nd floor, West Side break room
Nave Center	Lobby area
Nicks Hall	1 st floor near Student Health Clinic
Power House	Office area
Public Safety	1 AED per vehicle
Reece Museum	Rear of gallery, near stairs
Rogers Stout	1 st floor, center, near water fountain
Sam Wilson	2 nd floor, near copy room
Seehorn House	2 nd floor hallway
Sherrod Library	2 nd floor corridor outside main stairwell
University School	1 st floor, beside Nurse's office
Warf Pickel	3 ^d floor, near Dean's office
Wilson Wallis	2 nd floor, near room 215
Yoakley Hall	1 st floor, east side
Ross Hall	3 rd floor, in Break area

Housing & Residence Life Locations

<u>Building/Site</u>	<u>Location</u>
Governor's Hall	Main lobby near Reception Desk
Centennial Hall	Main lobby near Reception Desk
Carter Hall	RA office area above the HVAC unit
Lucille Clement	3 rd Floor entrance; main lobby restroom
Stone Hall	Main lobby by Social room
Powell Hall	Front lobby near Reception Desk
West Hall	Main lobby
Dossett Hall	Main lobby
Luntsford Hall	2 nd Floor main entrance Social room

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VA Campus Locations

Building Site

VA Building 2
VA Building 6
VA Building 7
VA Building 52
VA Building 119 (Also serves Bldg's 1 & 4)
VA Building 178

Location

2nd floor, across from elevator
Ground Floor, center of building
Ground floor foyer
1st floor, near fire alarm panel
E. side, 1st floor across from elevator
1st floor, near C wing

Buildings Covered by Public Safety

Lyle House, ADA Earnest, Office of Rural & Community Health, Maple Street Houses,
Center at Millennium Park, Observatory, Warren Golf Facility, WETS Station and Buc Ridge