

GUIDELINES FOR AUTOMATED EXTERNAL DEFIBRILLATORS (AEDs) IN VIRGINIA TECH REAL PROPERTY

These guidelines are intended as a companion document to [University Policy 5450: University Automated External Defibrillator \(AED\) Policy](#).

The Office of the Associate Vice President (AVP) for Public Safety is responsible for overseeing the university AED program, including approving procurement and installation of new AEDs. The criteria used to determine locations appropriate for placement of AEDs is as follows:

- High traffic and areas frequented by the public (e.g., athletics and performance venues, student centers, recreational facilities)
- Residence Halls
- Access to AEDs (either fixed-installation or portable)
- Response time by Emergency Medical Services (VTRS or local EMS service)
- Isolated or remote locations with potential delayed emergency medical response (e.g., off-campus research areas, farms)
- Locations with higher risk activities (e.g., electrical work, farming etc.)
- New capital construction (typically one AED per floor)

REQUESTING AEDs

All new capital construction and substantial renovations will include AEDs based on industry best practices for AED placement.

Requests and supporting justification for procurement and placement of additional AEDs on campus and in Virginia Tech owned and/or controlled space may be submitted to AED@vt.edu for review by the Office of the AVP for Public Safety.

AED INSTALLATION

Installation of all new AEDs follows the [Virginia Tech Design and Construction Standards](#) (Section 3.3. Emergency Aid Specialties) and adheres to the [Americans with Disabilities \(ADA\) Standards for Accessible Design](#) (Section 307 Protruding Objects and 308 Reach Ranges).

All new fixed-installation AEDs will be installed inside a wall-mounted cabinet with overhead wall signage to easily identify its location from a distance.

AED PROGRAM MANAGEMENT

The Office of the AVP for Public Safety manages the university AED Program to provide a coordinated approach to the procurement, installation, ongoing monitoring and maintenance of AEDs.

AED Program management includes monitoring by a third-party vendor (Cintas). Each AED will be physically checked monthly, and consumables (pads, batteries) will be replaced as needed.

The current standard model for AEDs within Virginia Tech real property is the **Zoll AED 3**. Once a device has reached the end of its active lifespan (8 years) it will be replaced to meet the current standard.

OTHER LIFE SAFETY DEVICES

Fixed-installation AEDs may have additional life-safety devices collocated inside the cabinet or installed nearby. Depending on the location this may include bleeding control kits (e.g., Stop the Bleed), naloxone (e.g., ONEbox kits), and/or choking rescue kits (e.g., LifeVac). For additional information on these life saving tools please contact AED@vt.edu.

REPORTING CONCERNS AND MAINTENANCE ISSUES

If you encounter a fixed-installation AED in a Virginia Tech facility that has any of the following deficient conditions, report your findings by email (AED@vt.edu). A Cintas technician will respond to any maintenance issues related to device operation or consumables.

- Wall-mounted AED does not include an overhead safety sign
- The AED is located behind locked doors or in restricted or inaccessible areas
- AED has been damaged or is missing
- Stop the Bleed (STB) Kit is missing from AED cabinet
- The AED is blocked by furniture, wall decorations, or equipment
- AED cabinet or battery alarm is beeping
- AED has not been checked within 60 days
- Building Evacuation map(s) do not show AED location(s)
- Other deficiencies noted

RECOMMENDED TRAINING

It is important to be aware of the location of the AEDs in buildings on campus and know how to use them properly in an emergency. The Division of Public Safety offers training options in First Aid, CPR, AED operation, and bleeding control.

To learn more and register for training visit the websites below:

[First Aid/CPR/AED-Adult Training \(EHS\)](#)

[First Aid/CPR Training \(VTRS\)](#)

[Stop the Bleed Training \(Emergency Management\)](#)