PROJECT SNAPSHOT

SOUTHWESTSOLUTIONSGROUP

Amarillo College Adds High-Density Mobile Shelving for Simulation Storage

Amarillo College needed a way to store mannequins, medical training equipment, supplies, and spare parts in its new Health Sciences Simulation Center without using too much floor space. Southwest Solutions Group worked with the general contractor to install high-density mobile shelving that keeps training materials organized, accessible, and close to where they are used.

INDUSTRY

Education

Completed for a college Health Sciences program training future healthcare providers.

LOCATION

Amarillo, Texas

Completed for an education facility in the Amarillo metro area.

FACILITY TYPE

Health Sciences Simulation Center

The storage area supports simulation training materials, including mannequins, equipment, supplies, and spare parts.

SOLUTION

High-Density Mobile Shelving

Mobile shelving increased storage capacity while reducing the floor space dedicated to storage.

PRODUCTS USED

High-Density Mobile Shelving System

High-density mobile shelving with adjustable shelves and heavy-duty storage for mannequins helps organize healthcare simulation equipment and supplies.

OPERATIONAL GOAL

Store More Materials in Less Space

The project goal was to keep essential simulation materials on-site, organized, and close to where they are used.

THE PROBLEM

Healthcare Training Equipment Needed Space-Saving Storage

Amarillo College was building a new Health Sciences Center with a Simulation Center for healthcare training. The college needed organized storage for mannequins, medical equipment, supplies, and spare parts without using too much floor space in the new facility.



01

Limited Space for Medical Training Equipment

The Simulation Center had to house a broad mix of healthcare training materials without turning too much of the new facility into storage. Standard static shelving would have made it harder to balance storage capacity with usable floor space.

02

Varied Item Sizes

The stored materials included mannequins, supplies, equipment, and spare parts with different sizes and handling needs. Each item type needed a defined location so available shelf space could be used efficiently instead of leaving gaps between unlike materials.

03

Need for Nearby Access

Amarillo College wanted essential simulation materials kept on-site and within a short distance of the training environment. Spreading materials across separate locations would have made use, service, and restocking less direct.

THE SOLUTION

High-Density Mobile Shelving for Healthcare Equipment

Southwest Solutions Group installed high-density mobile shelving for Amarillo College's Health Sciences Simulation Center. Adjustable shelves, mechanically assisted movement, and heavy-duty shelving for mannequins help organize training materials of different sizes. The system provides more storage capacity while using less floor space. Amarillo College chose this storage approach with long-term use in mind.



WHAT WE INSTALLED

High-Density Mobile Shelving With Adjustable Shelves

The installed system included high-density mobile shelving, adjustable shelves, mechanically assisted movement, and heavy-duty shelving for mannequins. The layout was planned around the Simulation Center's mix of mannequins, supplies, equipment, and spare parts.

WHY IT FIT

More Storage Capacity in Less Floor Space

Mobile shelving fit the project because Amarillo College needed to increase storage capacity without dedicating excess floor space to storage. Assigning each item type its own space helped reduce unused shelf area while keeping stored materials practical for daily simulation support.

OPERATIONAL IMPACT

Training Materials Kept Close to Use

The system placed the Simulation Center’s required materials in a single on-site storage area. That arrangement supports nearby access for use, service, and day-to-day support of the healthcare training environment.

IMPLEMENTATION

High-Density Mobile Shelving Installation at Amarillo College

Southwest Solutions Group worked with the general contractor to install high-density mobile shelving at Amarillo College's new Health Sciences Simulation Center. Installation took place in May 2025 and was completed before classes began. The system was designed to store mannequins, equipment, supplies, and spare parts while making the most of the available space.

01 DISCOVERY & SITE SURVEY

Defined the Simulation Center Storage Need

The project team reviewed the need to store mannequins, equipment, supplies, and spare parts inside the new Health Sciences Simulation Center. The storage goal was to increase capacity while limiting floor space used for storage.

02 MOBILE SHELVING LAYOUT PLANNING

Planned the Mobile Shelving Layout

A plan view drawing supported the high-capacity mobile shelving layout. The configuration assigned space by item type so varied simulation materials could be stored with less wasted area.

03 SUBMITTALS & APPROVALS

Coordinated Through the General Contractor

The project was completed through a general contractor contract. SSG coordinated approvals, installation planning, and project requirements so the storage system matched the end user’s needs.

04 FABRICATION & DELIVERY

Ordered Systems After Funding Approval

When funding was approved, the storage systems were ordered for the new Simulation Center. The project team coordinated components for the mobile shelving, adjustable shelves, and heavy duty mannequin storage.

05 INSTALLATION

Installed the System Before Classes Began

Installation began on May 5, 2025, and ended on May 9, 2025. Typical weather challenges arose, but field flexibility helped the team complete the system for the start of classes.

06 LONG-TERM STORAGE USE

Planned for Long-Term Storage Needs

The system was selected with longevity in mind. Its adjustable shelving and mobile storage capacity give the Simulation Center a platform for current materials and foreseeable future needs.

RESULTS

High-Density Mobile Shelving Maximizes Simulation Storage

The completed system gave Amarillo College a dense, organized storage area for the Sim Center's training materials. Mannequins, supplies, equipment, and spare parts can remain on-site and close to the healthcare training environment.

PRIMARY OUTCOME

More Equipment Stored in Less Space

The primary result was higher storage density for the Simulation Center. The mobile shelving system allowed Amarillo College to store more materials while minimizing the amount of floor space dedicated to storage.

WORKFLOW

On-Site Access for Training Support

The Sim Center can keep the materials needed to train future healthcare providers on-site and within a short distance. This supports use, service, and handling from a single storage location.

ORGANIZATION

Organized Storage for Different Equipment Types

Each type of item was assigned a space within the storage system. That structure helped maximize capacity and reduce wasted space across mannequins, equipment, supplies, and spare parts.

LONG-TERM VALUE

Storage Built for Future Needs

Amarillo College chose the system because it was familiar with this storage approach and wanted a best-in-class option for longevity. The result is a durable storage platform for current Simulation Center materials and foreseeable future requirements.

PROJECT GALLERY

Amarillo College High-Density Mobile Shelving Installation

Project photos show the high-density mobile shelving installed at Amarillo College's Health Sciences Simulation Center.







READY TO SOLVE A SIMILAR PROBLEM?

Need High-Density Mobile Shelving for Your Facility?

Southwest Solutions Group helps colleges, universities, and healthcare training facilities plan high-density mobile shelving systems that save space and keep equipment organized.

Request a consultation to explore mobile shelving solutions for medical training equipment, mannequins, supplies, and other materials.