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## UA61/3 Health Sciences Complex: Nursing & Physical Therapy

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## HEALTH SCIENCES COMPLEX

NURSING & PHYSICAL THERAPY 700 First Avenue • Bowling Green, KY 42101

## THE MEDICAL CENTER WKU HEALTH SCIENCES COMPLEX

The Medical Center-WKU Health Sciences Complex, a 73,471-square-foot, three-story facility, was built on the campus of The Medical Center at Bowling Green at a cost of \$15.6 million. In support of WKU, The Medical Center and its parent company, Commonwealth Health Corp., constructed the new facility to house the University's Nursing and Physical Therapy programs and to provide educational space for the hospital.

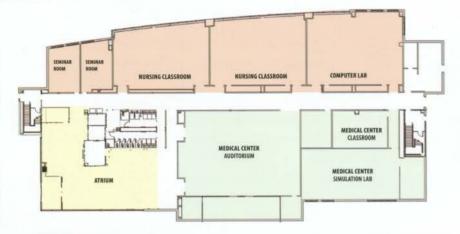
The Complex addresses much-needed space for WKU to expand its Nursing program and doubles the number of students from 40 to 80 students per semester who can enroll in the Bachelor of Science in Nursing (BSN) program. By 2014, there will be 320 BSN students

Eighty percent of the facility is used by WKU to accommodate assembly, training, classroom, and business functions. The remaining 20 percent will be used by The Medical Center for an auditorium and bed labs for clinical training.

The facility is located at 700 First Ave., on the edge of the hospital's campus that borders U.S. 31W-Bypass. The complex was completed prior to the start of the 2013 fall semester at WKU.







## State of the ar FAC



Two theater-style classrooms, located on the first floor of the facility, feature comfortable seating for 135 students. Large whiteboards and technology-ready screens aid in student instruction.

### Seminar Rooms

Seminar rooms are available for graduate courses in the Doctor of Nursing Practice and Doctor of Physical Therapy programs. These rooms are spacious and can accommodate up to 20 individuals and can also be used for smaller meetings. Each seminar room is equipped with state-of-the-art audio visual equipment including video conferencing capabilities.

### Atrium

With inviting seating, large windows, and vending area, the first-floor atrium serves as the point of entry for the new state-of-the-art facility. This area is the location for the interactive Donor Wall of Honor, which recognizes all donors who commit \$1,000 or more to the project.

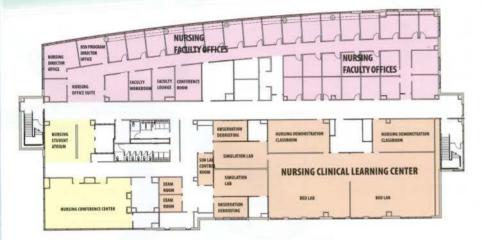
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## Computer Laboratory

This 90-seat computer laboratory features computerized testing services to allow students to take both classroom and pre- National Council Licensure Examination (NCLEX) practice exams in the same type of environment they will eventually experience during their NCLEX exam. In addition, the room can be set as a computer training area to allow instructors to demonstrate use of

electronic medical records and other software students will need to use during their nursing program. Finally, this is the only computer lab available for both Nursing and Physical Therapy students in the building. The lab is open for students to use the computers whenever it is not scheduled for a test or class use.





## an area for POTEN

## Nursing Office Suite and Faculty Offices

The Nursing Office Suite houses the reception area for visitors, students and potential nursing students, as well as the receptionist's station for all of the Nursing Programs. It also contains the offices for the Director of the WKU School of Nursing and the Nursing Office Coordinator. Additional individual offices for program coordinators, graduate students, faculty, and professional staff are also located on the second floor. A Faculty/Staff Lounge allows employees on the second floor to have a private break area. Complete with refrigerator, microwave, television, and other amenities, the lounge serves as a comfortable room for meals and other breaks. A workroom houses copying, storage, and project spaces.



## Nursing Student Atrium

Nursing students spend most of their days within the Health Sciences building, therefore, quiet space for small study groups and private reading is important. The Nursing Student Atrium allows students to have a private break area between classes. This area also includes an Internet bar, which allows visitors to the facility an opportunity to connect to the Internet.

## TAL





## inviting spaces

### Nursing Clinical Learning Center

This large area is the key hands-on laboratory learning space for all Nursing students. This four-room suite features two identical nursing clinical labs, complete with hospital-style beds, headwalls and equipment, and human models for training nursing students. Bedside computerized medical records are incorporated, which allow students to chart their nursing activities just as they would in a hospital setting. In addition, two attached skills classrooms provide space to allow

students to review videos or computerassisted learning modules of specific skills prior to hands-on practice in the learning laboratory.

### Simulation Learning Laboratories

Each of these two specialized spaces contain a three-bed Intensive Care Unit set up (Adult/Pediatric ICU, High-Risk Birth and High-Risk Neonatal), as well as the associated equipment needed for each simulation. High-Definition "SimMan" human simulators allow students to actually

respond to emergency situations in a safe and controlled environment. The SimMan can be pre-programed to simulate critical health scenarios such as heart attack, stroke, and breech delivery. Instructors and the simulation technicians can create their own scenarios to train students in areas that are requested for specific clinical responders. This three-room suite features the clinical simulation room, plus a shared computer control room and an observation room for the rest of the class to observe the students who are being trained/tested in the simulation room. This is one of the most high-tech areas within the new

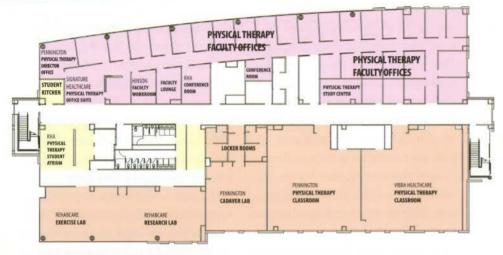
nursing educational spaces. Because of the large number of Nursing students at WKU, two identical simulation learning labs are available.

## Nursing Conference Center

The Nursing Conference Center features a central brick fireplace and wide windows that offer a lovely view of the large Commonwealth Health Corporation medical campus. With an attached catering kitchenette, the Center provides an inviting space for luncheons, receptions, guest speakers, and lectures.









## Physical Therapy Reception Suite and Office Areas

The Signature Healthcare Physical
Therapy Suite houses the reception
area for visitors, students, and potential
students, as well as the receptionist's
station and a study center. It contains
the offices for the Director of Physical
Therapy and Academic Coordinator of
Clinical Education. Additional offices
for coordinators, graduate students,
faculty, and professional staff are

# The classrooms have additional treatment cubic the back of each room, along with treatment tale and other physical therapy equipment.

located on the third floor. A faculty/ staff lounge allows employees on the third floor to have a private break area. Complete with refrigerator, microwave, television, and other amenities, the lounge serves as a comfortable space for meals and other breaks. The Julie Harris Hinson Faculty Workroom houses copying, storage, and project spaces.

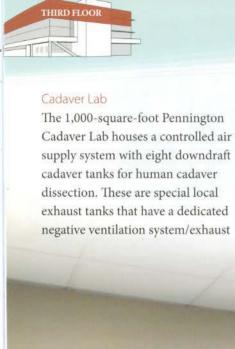


## Physical Therapy Instructional Wing

The Pennington and Vibra Healthcare multipurpose classrooms each provide more than 2,000 square feet of educational spaces for Physical Therapy students. These third-floor classrooms include versatile "trainer tables" that will serve as students' desks during lectures and as treatment tables during laboratory experiences. The classrooms have additional treatment cubicles in the back of each room, along with treatment tables and other physical therapy equipment.

## Physical Therapy Student Atrium and Kitchenette

As most of the Physical Therapy students' time is spent in the classrooms, the Kentucky Hospital Association Physical Therapy Student Atrium and Kitchenette allows students to have a private break area between classes. Complete with refrigerator, microwave, and other amenities, the lounge serves as a comfortable space for meals and other breaks.



to limit exposure and effectively remove odors away from students who are working on the cadavers. The Pennington Cadaver Lab includes a mounted overhead camera system that allows the projection of cadaver images to the four monitors within the Cadaver Lab or to either of the adjacent Physical Therapy Classrooms.

## Physical Therapy Exercise/Research Lab

The Rehabcare Exercise/Research Lab includes two adjoining 1,000-square-foot laboratories with rubberized sport flooring. The state-of-the-art design includes a moveable wall between the rooms to allow both rooms to be used simultaneously. Within the research area, a recessed force plate pit can accommodate up to six force plates, a Balance Master computerized balance and proprioception assessment

machine, metabolic carts to measure oxygen consumption during exercises, and a video motion analysis system. This area includes various exercise equipment common in physical therapy practice, such as treadmills, stationary bikes, upper extremity cycling ergometers, elliptical machines, parallel bars, and treatment tables. These areas are used for instructional purposes and for research studies.



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