

Special Instructional Suites for MCC Allied Health Training

In addition to the Virtual Hospital, other hands-on learning areas throughout the Health Science Institute create a simulated clinical environment where students use real clinical equipment and tools to practice patient care scenarios.

- EMS suite, real-life simulators make learning as real as possible:
 - i. A real car for practicing how to remove injured patients without causing further physical harm
 - ii. A mock bar and convenience store for assessing and treating patients in low light, cluttered environments
 - iii. An ambulance bay for practice with loading patients and providing in-depth evaluation and treatment

- Health Information Technology suite:
 - i. State-of-the-Art Electronic Health Record
 - ii. Dual-monitor work stations for coding electronic health records while using industry-leading encoder software
 - iii. A networked scanner for creating digital medical records to bridge today's hybrid state of paper and electronic records
 - iv. Studying coding and medical transcription at the HSI gives students the opportunity to experience remote office settings in the Home Living Suite. HIT students also work side-by-side with clinical students to gain insight into the clinical care behind the documentation and data they manage.

- Dental Assistant suite looks and functions just like a dental office and includes the latest in equipment, such as:
 - i. Six fully functional dental chairs, equipped with dental units for practicing cleaning, polishing, x-rays and more
 - ii. Intra oral x-ray
 - iii. Materials laboratory
 - iv. Sterilization
 - v. A panoramic x-ray machine for exposing and developing x-rays
 - vi. Ten seat computer station
 - vii. Locker room
 - viii. Consultation room

- Home living suite gives students a homelike place to practice patient interaction. Students can practice patient skills with cooking, bathing, toileting, home management, bed mobility, ambulation, wheelchair mobility, interaction and more. The suite includes:
 - i. A living room
 - ii. A laundry area
 - iii. A bedroom
 - iv. A kitchen
 - v. A bathroom
 - vi. A home office

- Nursing suite includes:
 - i. Twenty hospital beds with accessories for suction, oxygen and air regulators
 - ii. Human patient simulators for practice and demonstration of skill check-off
 - iii. Bathroom with shower
 - iv. Electronic medication systems
 - v. Ceiling-mounted patient transfer system

- Occupational and Physical Therapist Assistant suite includes:
 - i. A physical therapy gym to practice therapeutic exercises, manual techniques and instruction in functional skills such as walking
 - ii. An OTA/PTA laboratory with access to computer exercise programs for simulated patient instruction
 - iii. A hydrotherapy room with whirlpool
 - iv. Wound models for training in the latest treatments in wound care
 - v. Splinting laboratory
 - vi. Assistive technology and low vision

- Radiology suite includes:
 - i. A classroom for 40 students
 - ii. State-of-the-art x-ray machines (provided in part by a grant from the Health Care Foundation of Greater Kansas City) for instruction in:
 - Radiography - both film and screen imaging
 - Computed radiography - using phosphor plate imaging and digital conversion
 - Digital radiography - direct capture imaging

- HSI's surgical technology suite gives students the ultimate practice environment, with a fully-equipped operating room where students can learn:
 - i. Sterilization techniques
 - ii. Instrument setups
 - iii. Vital-signs monitoring
 - iv. Emergency assessment and treatment
 - v. Patient-care interaction