

# Equipment

Equipment and instruments are available to instruct students in the skills they will need in their chosen careers. Concorde students acquire knowledge and technical skills through demonstrations, actual operation of equipment, and the practice of techniques. Among the major items of equipment available to Concorde students are the following (by program):

## Bachelor of Science in Nursing

The Nursing program is equipped with catheters, nasogastric tubes, needles, syringes, suction machine, a wheelchair, stethoscopes, sphygmomanometers, an electronic thermometer, an ophthalmoscope, an otoscope, simulated patient units, hospital beds, teaching mannequins and models, drug cart, hoist lift, gurney, EKG machine, walkers, canes, glucometers, feeding pump, bedside commode, Noelle Maternal Birthing simulated mannequin, and other miscellaneous equipment.

## Cardiovascular Sonography Program

Equipment includes hospital beds, various ultrasound scanning systems, ultrasound transducers (abdominal, vascular, cardiac), ABI scanning equipment, simulation training computers, medical record software, medical ultrasound printer and scanning simulation mannequins.

## Dental Assistant Program

Equipment includes completely equipped, fully functional dental operatories with dental x-ray units, x-ray mannequins, complete darkroom facilities, amalgamators, dental lab complete with lathes, model-trimmers, bench grinders, sterilization equipment, and other miscellaneous teaching aids.

## Diagnostic Medical Sonography Program

Equipment includes hospital beds, various ultrasound scanning systems, ultrasound transducers (abdominal, vascular, endovaginal), ABI scanning equipment, simulation training computers, medical ultrasound printers, and scanning simulation mannequins.

## Dental Hygiene Program

Students enrolled in the Dental Hygiene program have access to a completely equipped and functioning dental clinic. Included in the clinical facility are four radiography units, a panoramic x-ray unit, and fully equipped operatories. Students learn various technical skills in the lab before treating a patient. Some special equipment included are lathes, model trimmers, intraoral cameras, both digital and traditional x-rays, autoclaves, and automatic processors. Mannequins are used for instrument skill and instruction. Personal computers with appropriate software are also used for the benefit of the student.

## Medical Assistant Program

This program has a laboratory stocked with medical test supplies and equipment, such as stethoscopes, glucometers, sphygmomanometers, examination and treatment tables, autoclaves, electrocardiograph machines, centrifuges, microscopes, teaching mannequins, and other teaching aids.

## Medical Office Administration Program

Computer labs are equipped with computers that run current operating systems to run word processing, keyboarding, and medical office and billing software applications.

Mandatory Computer/Laptop Internet Access: Students must own a personal computer or laptop and have reliable internet access to support the online Medical Office Administration program for necessary coursework.

## Phlebotomy Technician

Equipment includes blood drawing chairs, microhematacrit machines, Centrifuge, Vacutainer Tubes, Needles and Holders, capillary tubes and other blood drawing supplies.

## Physical Therapist Assistant Program

Equipment includes treatment tables, electromagnetic and electrical stimulation devices, biofeedback units, ultrasound, traction, thermal modalities and adaptive equipment. Therapeutic exercise equipment includes a treadmill, parallel bars, exercise balls, free weights, balance boards, and other devices that promote fine and gross motor skills. Assistive devices include wheelchairs, walkers, crutches, canes, and orthotics/braces. Assessment equipment includes stethoscopes, goniometers, pulse oximeters, spirometers, and other teaching aids.

## Practical Nursing Program

This program is equipped with catheters, nasogastric tubes, needles, syringes, suction machine, K-pad, wheelchair, stethoscopes, sphygmomanometers, electronic thermometer, ophthalmoscope, otoscope, simulated patient units, hospital beds, teaching mannequins and models, drug cart, and other miscellaneous equipment.

## Respiratory Therapy Program

This program has a comprehensive laboratory equipped with oxygen devices, aerosol/humidity devices, lung expansion devices (intermittent positive pressure breathing machines, incentive spirometers, continuous positive airway pressure machines), mechanical ventilators, airway maintenance devices (suction machines, intubation tools, artificial airways), and ancillary equipment (arterial blood gas equipment, oximetry, capnography, pulmonary function equipment, mannequins), plus a library complete with respiratory and respiratory-related medical journals, texts, and audiovisual equipment.

## Surgical Technology Program

The program has a mock operating room setup with operating room tables, mayo stands, back tables, pulse oximeter, surgical mannequin, instrumentation autoclave, draping and prepping materials, sutures, drains, and catheters.

## Audiovisual Aids

Concorde's programs are supported with reference books, charts, field trips, demonstrations, and other teaching aids. Speakers from business and industry are used when possible to supplement classroom instruction.