

# Equipment (Varies by Campus)

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):

## Cardiovascular Sonography (Associate of Applied Science) 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 Assisting (Diploma and Associate of Applied Science) Programs

Students have access to a completely equipped, fully functional dental operator with digital and dental x-ray units, complete darkroom facilities, amalgamators, and teaching and x-ray mannequins. Labs are equipped with lathes, model trimmers, bench grinders, vibrators, and miscellaneous teaching aids.

## Dental Hygiene (Associate of Applied Science) 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 12 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.

## Diagnostic Medical Sonography (Associate of Applied Science) Program

Equipment includes hospital beds, various ultrasound scanning systems, various transducers (abdominal, vascular, endovaginal), simulation training computers, coding and medical record software, medical ultrasound printer and picture archiving and communication system, and scanning simulation mannequins.

## EKG Technician (Diploma) Program

Equipment includes electrocardiograph machines, exam tables, electrocardiograph electrodes and other EKG related supplies.

## Massage Therapy (Diploma) Program

Students have access to massage tables, portable massage tables, massage chairs, drapings composed of fitted and flat sheets, various foam pads, massage lotions and creams, various videos, and other teaching materials.

## Medical Assistant (Diploma) and Medical Assisting (Associate of Applied Science) Programs

These programs provides stethoscopes, sphygmomanometers, examination and treatment tables, autoclaves, otoscopes, ophthalmoscopes, electrocardiograph machines, microscopes, centrifuges, phlebotomy chairs, teaching mannequins, and miscellaneous teaching aids.

## Medical Office Professional (Diploma and Associate of Applied Science) Programs

This program utilizes personal computers, printers, electronic calculators, miscellaneous software, headphones, and miscellaneous teaching aids.

## Neurodiagnostic Technology Program (Associate of Applied Science)

This laboratory is equipped with digital electroencephalographic machines, nerve conduction and electromyography machines, evoked potential machines, continuous positive airway pressure machines with humidifiers and masks, pulse oximetry, oxygen devices (cannulas and masks), various types of recording electrodes and application tools, air pump, video and auditory monitoring equipment, plus a library complete with neurodiagnostic- and polysomnographic-related medical journals, texts, and audiovisual equipment.

## Nursing Practice (Associate of Applied Science) Programs

Catheters, nasogastric tubes, needles, syringes, suction machine, wheelchairs, stethoscopes, sphygmomanometers, electronic thermometers, ophthalmoscope, otoscope, simulated patient units, hospital beds, teaching mannequins and models, drug cart, hoyer lift, gurney, EKG machine, walkers, canes, glucometers, feeding pump, bedside commode, Noelle Maternal Birthing simulated mannequin, and other miscellaneous equipment.

## Occupational Therapy Assistant (Associate of Applied Science) Program

Assessment and treatment devices covering the lifespan of a Certified Occupational Therapy Assistant's (COTA's) clientele are found in the Occupational Therapy Assistant lab, featuring a furnished apartment for training activities of daily living (ADL). The equipment used involves fine motor, gross motor, and perceptual motor activities for assessment and training purposes. Additional equipment includes mobility, adaptive/assistive devices, splinting materials, and positioning tools. An industrial work station, as well as therapeutic strengthening and exercise equipment, are available in the lab for additional training.

## Pharmacy Technician (Diploma and Associate of Applied Science) Programs

Students have access to completely equipped, functional laboratories that include three flow hoods and two chemo-hoods. There is a gowning area where students may scrub and dress in appropriate attire. The retail laboratory is stocked with a supply of over-the-counter medications. Computer software for dispensing medications is available, and there is a separate computer laboratory in which students learn pharmacy-specific computer skills.

## Phlebotomy Technician (Diploma) Program

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

## Physical Therapist Assistant (Associate of Applied Science) 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, postural screening boards, pulse oximeters, spirometers, and other teaching aids.

## Polysomnographic Technology (Diploma) Program

A comprehensive laboratory equipped with digital electroencephalographic machines, continuous positive airway pressure machines with humidifiers and masks, pulse oximetry, oxygen devices (cannulas and masks), various types of recording electrodes and application tools, air pump, video and auditory monitoring equipment, plus a library complete with neurodiagnostic and polysomnographic-related medical journals, texts, and audiovisual equipment.

## Radiologic Technology (Associate of Applied Science) Program

The Radiologic Technology program equipment includes a Digital (DR) diagnostic x-ray unit, image receptors, image plate holders, full body phantom, quality control test equipment, and non-energized C-arm and mobile x-ray units, positioning sponges, wall-mounted chest board with grid, and protective lead aprons.

## Respiratory Therapy (Associate of Applied Science) 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 (respirators), 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 (Associate of Applied Science)

This program has a lab equipped with an operating room bed, back tables, mayo stands, prep table, steam autoclave, overhead operating surgery light, anesthesia machine, disposable medical, and surgical supplies, kick buckets, scrub sinks, supply storage cabinets, and other miscellaneous teaching aids.

## 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.