

Technical Standards/Functional Abilities

To ensure that your decision to pursue the UAS Medical Assisting Certificate is the correct one for you; we ask that you review the following required knowledge, skills, and abilities. They are the non-academic requirements of the program, and they comprise physical, emotional, and professional demands commonly required in healthcare to practice safely and effectively.

Take into consideration whether you can perform the following functions, with or without accommodations. If you determine that you are unable to do any of the skills listed and you have a documented disability, you will then need to determine if a reasonable accommodation can be provided. To request accommodations, you will need to contact the UAS office of Disability Services and present documentation of your disability.

Ability	Standard	Examples
Physical	<p>Mobility: Move within confined spaces, sit, stand, and maintain balance, push, pull, support, carry, and lift 25 pounds, move heavy objects weighing from 11 to 50 pounds, use upper body strength, squeeze with hands, reach above shoulders and below waist, twist, bend, stoop/squat, move quickly, walk, sustain repetitive movements, maintain physical tolerance</p> <p>Fine motor skills: Pick up and grasp objects with hands, write with pen or pencil, key/type, pinch, twist, squeeze or otherwise work with fingers</p>	<p>Plug electrical appliances into wall outlets, use ladders, stools, chairs, move equipment/supplies, load an autoclave, stand at patient side during surgical or therapeutic procedure, work the entire shift, physically restrain or assist a patient, operate fire extinguisher or B/P bulb, perform CPR, position patients for procedures and assist with provider exams, use a computer, manipulate a syringe, squeeze an eye dropper</p>
Sensory	<p>Hearing: Hear normal speaking level sounds, faint voices, faint body sounds, hear in situations when not able to see lips, hear auditory alarms and tones</p> <p>Visual: See objects up to 20 inches away, see objects up to 20 feet away, see objects more than 20 feet away, use depth perception, peripheral vision, distinguish color intensity, observe patient conditions</p> <p>Tactile: Feel vibrations and differences in sizes, shapes, possess a sense of touch and temperature discrimination</p> <p>Smell: Detect and differentiate odors, check for environmental changes</p>	<p>Hear blood pressure sounds, hear when masks are used and obscure the mouth, hear patients report relevant information, hear telephones and fire alarms, see information on a computer screen, see a patient in a room or at the end of a hall, distinguish color on supplies, charts, urine specimens, flushed skin, or skin paleness, palpate pulses, palpate veins, identify body landmarks, assess skin temperature and swelling, notice foul smelling drainage, alcohol or fruity breath, detect smoke, gases or noxious smells</p>

Applied math and computation	Read and understand columns of writing read digital displays, convert numbers to and/or from the Metric System, tell time, measure time, calibrate equipment and use measuring tools, add, subtract, multiply, and/or divide whole numbers, compute fractions, use a calculator, write numbers in records	Read flow sheets, charts, prescriptions, interpret digital instruments readings and graphic printouts such as a B/P monitor or EKG, count duration pulse and respirations rates, perform quality controls, read measurement marks on thermometers, measuring tapes, scales, autoclave, accurately calculate medication dosages, BMI, temperature conversions
Emotional	Establish therapeutic boundaries, adapt to changing environment/stress and deal with the unexpected, perform multiple responsibilities concurrently, monitor and handle strong emotions	Provide patient with empathy and emotional support, exert boundaries while maintaining professionalism, diffuse and support angry patients, manage patient crisis, pain, grief, focus attention on tasks, calmly receive corrective feedback
Analytical and critical thinking	Transfer knowledge from one situation to another, process information, and evaluate outcomes, problem solve, use short-term and long-term memory, identify cause-effect relationships, synthesize knowledge and skills, sequence information, follow oral and written directions	Interpret verbal and written provider orders, maintain confidentiality, meet deadlines and work effectively under time constraints, prioritize tasks, recognize emergency situations and potentially hazardous conditions and take appropriate actions to respond or report, apply principles of aseptic technique and infection control
Interpersonal and communication	Interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds, negotiate interpersonal conflict, demonstrate respect for patients, establish rapport with patients and co-workers, give oral and written reports, interact with others, speak on the telephone, convey information through writing	Provide patient education and explain procedures to patient/family about health care, report the patient's condition or concerns to others, document patient information, interact with insurance companies, collection agencies, and other third-party payers, advocate for and assist patients with special needs, appropriately interpret and respond to non-verbal and verbal communication