

Moraine Park Technical College
Functional Ability Categories & Representative
Activities/Attributes
Medical Laboratory Technician Program

Gross Motor Skills	Move within confined spaces Maintain balance in multiple positions Reach above shoulders (e.g., instrumentation) Reach below waist (e.g., plug electrical appliance in wall outlet) Reach out front
Fine Motor Skills	Pick up objects with hands Grasp small objects with hands (e.g., IV tubing, pencil) Write with pen or pencil Key/type (e.g., use a computer) Pinch/pick or otherwise work with fingers (e.g., manipulate a syringe) Twist (e.g., turn objects/knobs using hands) Squeeze with finger (e.g., eye dropper)
Physical Endurance	Stand (e.g., at client side during phlebotomy procedure) Sustain repetitive movements (e.g., CPR) Maintain physical tolerance (e.g., work on your feet a minimum of 8 hours)
Physical Strength	Push and pull 50 pounds (e.g., position client, move equipment) Support 50 pounds of weight Lift 50 pounds (e.g., pick up a child, transfer client, bend to lift an infant or child) Carry equipment/supplies Use upper body strength (e.g., perform CPR, physically restrain a client) Squeeze with hands (e.g., operate fire extinguisher)
Mobility	Twist Bend Stood/squat Move quickly (e.g., response to an emergency) Climb stairs Walk
Hearing	Hear normal speaking-level sounds (e.g., person-to-person report) Hear faint voices Hear faint body sounds (e.g., blood pressure sounds, assess placement of tubes) Hear situations when not able to see lips (e.g., when masks are used) Hear auditory alarms (e.g., monitors, fire alarms, call bells)
Visual	See objects up to 20 inches away (e.g., information on computer screen, skin conditions) See objects up to 20 feet away (e.g., client in room) Use depth perception Use peripheral vision Distinguish color and color intensity (e.g., color codes on supplies, flushed skin/paleness)
Tactile	Feel vibrations (e.g., palpate pulses) Feel differences in surface characteristics (e.g., skin turgor, rashes) Feel differences in sizes, shapes (e.g., palpate vein, identify body landmarks) Detect environmental temperature

Smell	Detect odors (e.g., foul smelling drainage, alcohol break, smoke, gasses or noxious smells)
Environment	Tolerate exposure to allergens (e.g., nitrile gloves, chemical substances) Tolerate strong soaps Tolerate strong odors
Reading	Read and understand written documents (e.g., flow sheets, charts, graphs, procedures, policies) Read digital displays
Math	Comprehend and interpret graphic trends Calibrate equipment Convert numbers to and from metric, apothecaries, and American systems (e.g., dosages) Tell time Measure time (e.g., timed test reactions, CPR, etc.) Read and interpret measurement marks (e.g., measurement tapes and scales) Add, subtract, multiply, and/or divide whole numbers Compute fractions and decimals (e.g., medication dosages) Document numbers in records (e.g., charts, computerized data bases)
Emotional Stability	Establish professional relationships Provide client with emotional support Adapt to changing environment/stress Deal with the unexpected (e.g., client condition, crisis) Focus attention on task Cope with own emotions Perform multiple responsibilities concurrently Cope with strong emotions in others (e.g., grief)
Analytical Thinking	Transfer knowledge from one situation to another Process and interpret information from multiple sources Analyze and interpret abstract and concrete data Evaluate outcomes Problem solve Prioritize tasks Use long-term memory Use short-term memory
Critical Thinking	Identify cause-effect relationships Plan/control activities for others Synthesize knowledge and skills Sequence information Make decisions independently Adapt decisions based on new information
Interpersonal Skills	Establish rapport with individuals, families, and groups Respect/value cultural differences in others Negotiated interpersonal conflict
Communication Skills	Teach (e.g., client/family about health care) Influence people Direct/manage/delegate activities of others Speak English Write English Listen/comprehend spoken/written word in English Collaborate with others (e.g., health care workers, peers) Manage information