

# Radiography

## Essential Functions

The Americans with Disabilities Act (ADA) prohibits discrimination of persons with disabilities. In keeping with this law, MATC makes every effort to insure quality education for all students. It is our obligation to inform students of the essential functions necessary for this program and occupation.

Students requiring accommodation and/or special services to meet the essential functions of the program should contact the MATC Student Accommodation Services at any MATC campus.

The following physical, cognitive and environmental performance standards are encountered by students in this program.

### ESSENTIAL FUNCTIONS

	Never	Sometimes 1-30%	Frequently 31-75%	Always 76-100%	Frequently is per: Day	Job Essential	
						Yes	No
<b>SPEECH</b>							
Speak English with Clarity				X		X	
Communicate in English with Clarity				X		X	
<b>HEARING</b>							
Conversation				X		X	
Telephone				X	X	X	
<b>SIGHT</b>							
Natural or Corrected without Assistance				X		X	
Depth Perception				X		X	
Color Vision				X		X	
Working in low light			X			X	
<b>MOBILITY</b> using each extremity (right and left) as applicable							
Lift, push or pull 75lbs				X		X	
Shoulder				X		X	
Arm				X		X	
Neck				X		X	
Stand unassisted (no cane/crutch)				X		X	
Move about facility				X		X	
Bending			X			X	
Crawling		X				X	
Kneeling		X				X	
Twisting Body				X		X	
Running		X					X
Walk unassigned (no cane/crutch)				X		X	
Climbing			X			X	
Stairs		X				X	
Other							

	Never	Sometimes 1-30%	Frequently 31-75%	Always 76-100%	Frequently is per: Day	Job Essential	
						Yes	No
<b>REACHING</b> using each extremity (right and left) as applicable							
Overhead				X		X	
In front of Body				X		X	
Down				X		X	
<b>GRASPING</b>							
Overhead				X		X	
In front of Body				X		X	
Down				X		X	
<b>SITTING</b>		X				X	
<b>SMELLING</b>		X					X
<b>TASTING</b>	X						X
<b>FINE MOTOR CONTROL KEYBOARDING</b>							
Hands				X		X	
Fingers/Tactile Sense (the ability to feel when touching)				X		X	
Wrist				X		X	
<b>COORDINATION</b>							
Eye/Hand with both hands/arms				X		X	
Eye/Hand/Foot with both hands/arms/feet				X		X	
<b>ALLERGIES/SENSITIVITIES</b>							
Tolerance to Latex						X	
Other allergies to chemicals, etc.		X					
<b>COGNITIVE/MENTAL FACTORS</b>							
<b>REASONING</b>							
Deal with abstract and concrete variables, define problems, collect data, establish facts, and draw valid conclusions						X	
Interpret instructions furnished in oral, written, diagrammatic, or schedule form						X	
Deal with problems varying from standard situations						X	
Carry out simple to complex writing and oral instructions						X	
Carry out at least one or two step instructions						X	

	Never	Sometimes 1-30%	Frequently 31-75%	Always 76-100%	Frequently is per: Day	Job Essential	
						Yes	No
<b>MATHEMATICS</b>							
Complex skills – Business math, algebra, geometry or statistics						X	
Simple skills – add, subtract, multiply and divide whole numbers and fractions, calculate time and simple measurements						X	
<b>READING</b>							
Complex skills- comprehend medical records, manuals, journals, instructions in use and maintenance of equipment, safety rules and procedures and drawings						X	
Simple skills – comprehend simple instructions or notations from a log book						X	
Ability to read data on paper and then input it on a computer screen						X	
<b>WRITING</b>							
Complex skills – prepare medical documentation, report summaries using prescribed format and conforming to all rules of punctuation, spelling, grammar, diction and style							X
Simple skills – English sentences containing subject, verb and object; names and addresses, complete job application or notations in a log book						X	
<b>PERCEPTION</b>							
Spatial – ability to comprehend forms in space and understand relationships of plane and solid objects; frequently described as the ability to “visualize” objects of two or three dimensions, or to think visually of geometric forms.						X	
Form – ability to perceive pertinent detail in objects or in pictorial or graphic material to make visual comparisons and discriminations and see slight differences in shapes and shadings of figures and widths and lengths of line						X	

	Never	Sometimes 1-30%	Frequently 31-75%	Always 76-100%	Frequently is per: Day	Job Essential	
						Yes	No
<b>CLERICAL</b>							
Ability to perceive pertinent detail in verbal or tabular material; to observe differences in copy, to proof-read words and numbers, and to avoid perceptual errors in arithmetic computation.						X	
<b>DATA</b>							
Synthesizing						X	
Coordinating						X	
Analyzing						X	
Compiling						X	
Computing						X	
Copying						X	
Comparing						X	
<b>PERSONAL TRAITS</b>							
Ability to comprehend and follow instructions						X	
Ability to perform simple and repetitive tasks						X	
Ability to maintain a work pace appropriate to a given work load						X	
Ability to relate to other people beyond giving and receiving instructions						X	
Ability to influence people						X	
Ability to perform complex or varied tasks						X	
Ability to make generalizations, evaluations or decisions without immediate supervisor						X	
Ability to accept and carry out responsibility for direction, control and planning						X	
<b>ENVIRONMENTAL FACTORS</b>							
Work indoors						X	
Work outdoors							X
Exposure to extreme hot or cold temp						X	
Working at unprotected heights							
Being around moving machinery						X	
Exposure to marked changes in temperature/humidity							
Exposure to dust, fumes, smoke, gases, odors, mists or other irritating particles (aerosol spray from equipment)						X	
Exposure to toxic or caustic chemicals						X	
Exposure to excessive noises						X	

	Never	Sometimes 1-30%	Frequently 31-75%	Always 76-100%	Frequently is per: Day	Job Essential	
						Yes	No
Exposure to radiation or electrical energy						X	
Exposure to solvents, grease, or oils						X	
Exposure to slippery or uneven walking surfaces							
Working in confined spaces						X	
Using computer monitor						X	
Working with explosives							X
Exposure to vibration							X
Exposure to flames or burning items						X	
Works alone						X	
Works around others						X	
Works with others						X	
Exposure to Blood and other potentially infectious materials (OPIM)						X	
<b>SAFETY EQUIPMENT (REQUIRED TO WEAR)</b>							
Safety glasses						X	
Face mask/face shield						X	
Ear plugs							X
Hard hat							X
Protective clothing						X	
Protective gloves						X	