

Cardiovascular Technology 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	Frequently	Always	Frequently	Job	
		1-30%	31-75%	76-100%	is per: Day		ential
						Yes	No
SPEECH							
Speak English with Clarity				X	V	Х	
Communicate in English				X	X	X	
with Clarity				_ ^	^	^	
HEARING							
HEARING							
Conversation				Χ	Х	Х	
Telephone				Х		Х	
Machine Alarms Outside of					Х	Х	
Visual Field							
Blood Pressure Alarms		Х				Х	
Manual Blood Pressures			Х			Х	
SIGHT							
Natural or Corrected				Х	X	Х	
without Assistance							
Depth Perception			Х	Х	Х	Х	
Color Vision				Х	Х	Х	
Darkened Room				Х		Х	
MOBILITY using each							
extremity (right and left) as							
applicable							
Lift, push or pull 50lbs				Х	Х	Х	
Shoulder				Х	Х	Х	
Arm				Х	Х	Х	
Neck				Х	Х	Х	
Standing				Х	Х	Х	
Move about facility				Х	Х	Х	
Bending				Х	Х	Х	
Crawling			Х				Х
Kneeling			Х			Х	
Twisting Body				Х	Х	Х	
Running		Х					Х
Walking				Х	Х	Х	
Climbing		Х					Х
Stairs		Х				Х	
Other		Х				Х	
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	Never		Frequently	Always	Frequently	Job	
		1-30%	31-75%	76-100%	is per: Day	Esse Yes	ential No
REACHING						163	140
using each							
extremity (right and left) as							
applicable							
Overhead				Х	X	X	
In front of Body				X	Х	Х	
Down				X	X	Х	
GRASPING							
Overhead				Х	Х	Х	
In front of Body				X	X	X	
Down				X	X	X	
SITTING				X		X	
SMELLING			X			Х	
TASTING	X						Х
							^
FINE MOTOR CONTROL		Х		Х		Х	
(working with small objects							
and using each hand (right							
and left)							
Hands				Х	X	Х	
Fingers/Tactile Sense (the				Х	Х	Х	
ability to feel when touching)							
Wrist				Х	Х	Х	
COORDINATION							
Eye/Hand with both				Х	Х	Х	
hands/arms							
Eye/Hand/Foot with both				Х	X	Х	
hands/arms/feet ALLERGIES/SENSITIVITIES							
ALLERGIES/SENSITIVITIES							
Tolerance to Latex				Х	Х	Х	
Other allergies to chemicals,	Х						
etc.							
COGNITIVE/MENTAL FACTORS							
REASONING							
Deal with abstract and				Х		Х	
concrete variables, define							
problems, collect data, establish facts, and draw							
valid conclusions							
Interpret instructions furnish				Х		Х	
in oral, written, diagrammatic,			1	^		^	
or schedule form							
Deal with problems varying				Х		Х	
from standard situations							
Carry out simple to complex writing and oral instructions				Х		Х	
Carry out at least one or two				Х		Х	
step instructions							
			1				
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	Never	Sometimes 1-30%	Frequently 31-75%	Always 76-100%	Frequently is per: Day	Esse	b ntial
		1-30%	31-75%	76-100%	is per: Day	Yes	
MATUEMATION						res	No
MATHEMATICS				X			
Complex skills - Business				Х		Х	
Complex skills – Business				^		X	
math, algebra, geometry or statistics							
Simple skills – add, subtract,				Х		Х	
multiply and divide whole				^		^	
numbers and fractions,							
calculate time and simple							
measurements							
READING				Х			
Complex skills – comprehend				Х		Х	
medical records, manuals,							
journals, instructions in use							
and maintenance of							
equipment, safety rules and							
procedures and drawings							
Simple skills – Comprehend				Х		Х	
simple instructions or							
notations from a log book	<u> </u>						
WRITING							
Complex skills – Prepare				X		X	
medical documentation,							
report summaries using							
prescribed format and							
conforming to all rules of							
punctuation, spelling,							
grammar, diction and style							
Simple skills – English				Х		X	
sentences containing subject,							
verb and object; names and							
addresses, complete job							
application or notations in a log book							
PERCEPTION							
FERCEFIION							
Spatial – ability to				Х		Х	
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							
three dimensions or to think							
visually of geometric forms							
Form – ability to perceive				Х		Х	
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							

CLERICAL Ability to perceive pertinent detail in verbal or labular material: to obter abular material: to decide words and humbers, and to avoid perceptual errors in arithmetic computation DATA Synthesizing X X X X X Coordinating X X X X X Compiling X X X X X Compiling X X X X X Compring X X X X X Compring X X X X X PERSONAL TRAITS Ability to comprehend and follow instructions Ability to comprehend and follow instructions Ability to reform simple and repetitive tasks Ability to reform simple and receiving instructions Ability to relate to other people beyond giving and receiving instructions Ability to perform complex or varied tasks Ability to perform complex or X X X X X X X X X X X X X X X X X X		Never	Sometimes	Frequently	Always	Frequently		ob tial
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	Never	Sometimes 1-30%	Frequently 31-75%	Always 76-100%	Frequently	Job Essential	
		1-30%	31-75%	70-100%	is per: Day	Yes	No
Exposure to radiation or electrical energy				Х		X	110
Exposure to solvents, grease, or oils	Х						Х
Exposure to slippery or uneven walking surfaces		X					Х
Working in confined spaces	Х			.,			Χ
Using computer monitor	v			Х		Х	V
Exposure to vibration Exposure to flames or burning items	X						X
Works alone	Х						Х
Works around others				Х		Х	
Works with others				Х		Х	
Exposure to Blood and other potentially infectious materials (OPIM)				Х		Х	
SAFETY EQUIPMENT							
(REQUIRED TO WEAR)							
Safety glasses	X						Χ
Face mask/face shield				X		X	
Ear plugs	X						Х
Hard Hat	X						Х
Protective clothing				Х		X	
Protective gloves				X		X	