

## HOLY FAMILY UNIVERSITY RADIOLOGIC SCIENCE PROGRAM

### Functional Abilities and Activities

Functional abilities and activities	Description	Frequency*
<b>Stoop:</b>	Bending body downward and forward by bending legs and spine. – <i>To lift radiographic image receptors; to help sit a patient up in bed.</i>	F
<b>Kneel:</b>	Bending legs at knee to come to a rest on knee or knees. – <i>To perform CPR; to assist a patient lying on the floor who may have fainted.</i>	O
<b>Crouch:</b>	Bending the body downward and forward by bending legs and spine. – <i>To place a radiographic image receptor under a patient in an operating room setting.</i>	O
<b>Reach:</b>	Extending hand(s) and arm(s) in any direction. – <i>Extend to least 6 feet from floor to an overhead x-ray tube suspended from ceiling.</i>	F
<b>Grasp:</b>	Applying firm pressure to an object with the fingers and palm. – <i>Equipment such as overhead x-ray tubes, portable x-ray machines, c-arm units, control panel knobs, patient extremities.</i>	F
<b>Push:</b>	Using upper extremities and legs to press against something with steady force in order to thrust forward, downward or outward. – <i>To perform CPR; equipment such as overhead x-ray tubes, portable machines, c-arm units; patient stretchers and wheelchairs.</i>	F
<b>Pull:</b>	Using upper extremities and legs to exert a force on an object toward the mover. – <i>To move a patient from bed to stretcher and/or stretcher to radiographic table.</i>	F

Functional abilities and activities	Description	Frequency*
<b>Lift:</b>	Raising objects from a lower to a higher position or moving objects horizontally from one position to another. – <i>To help move a patient from wheelchair to radiographic table; to pick up radiographic image receptors.</i>	F/C
<b>Stand:</b>	Maintaining an erect (or upright) position on both feet, particularly for sustained periods of time. – <i>To provide patient care and/or observation for a sustained period of time.</i>	C
<b>Walk:</b>	Moving about on foot to accomplish tasks, particularly for long distances (or times). – <i>To complete a clinical education assignment for the duration of up to 8 hours.</i>	C
<b>Climb:</b>	Ascending or descending using feet, legs, hands, and arms. Body agility is emphasized. – <i>Using stairs to reach patient care areas throughout a multilevel hospital.</i>	F
<b>Balance:</b>	Maintaining body equilibrium to prevent falling when walking, standing or crouching. – <i>To transfer a patient from wheelchair to radiographic table and back.</i>	C
<b>Hear:</b>	Ability to receive detailed information through oral communication and to make fine discriminations in sound (i.e., obtaining a blood pressure) when applicable. – <i>Blood pressure sounds through a stethoscope; verbal communication from patients, physicians, radiographers, and other healthcare providers.</i>	C
<b>Talk:</b>	Expressing or exchanging ideas by means of the spoken word to other healthcare workers accurately, loudly, and efficiently. – <i>Speak to patients, physicians, radiographers, and other healthcare providers.</i>	C

Functional abilities and activities	Description	Frequency*
<b>Visual Acuity</b>	<p>This is a minimum standard for use with those whose work deals largely with preparing and analyzing data and figures, accounting, transcription, computer terminal, monitors, extensive reading, visual inspection, using measurement devices, assembly or fabrication of parts at distances close to eye.</p> <ul style="list-style-type: none"> <li>– <i>Be able to observe and assess patient behavior</i></li> <li>– <i>Read printed and hand written material, meters, gauges, and computer monitors</i></li> <li>– <i>Assess patients non-verbally to include changes in respiratory rate and effort and changes in skin tone</i></li> <li>– <i>Evaluate radiograph images in shades of gray for adequate: Spatial resolution, Positioning, Image receptor exposure, Required anatomy and other related information.</i></li> </ul>	C
<b>Medium Work:</b>	Exerting up to <b>75</b> lb. of force <i>occasionally (O)</i> , and/or up to <b>35</b> lb. of force <i>frequently (F)</i> , and/or up to <b>10</b> lb. of force <i>constantly (C)</i> to move objects.	O/F/C

**\*Frequency Key:**

**O** = occasionally (1 - 25%); **F** = frequently (25 - 75%); **C** = constantly (75 - 100%)