

PHYSICAL DEMANDS

Job Title: Locksmith					Position #: 000450
Hours: 40		Breaks: 30 min x 1, 15 min x 1		Overtime: 16 hrs x/yr & occasionally on-call.	
Equipment: Tool bag, key cutting machine, hand tools (manual and powered)					
Special Requirement: Drivers Licence				Work Environment: 90% indoors (approximation)	
Task	R	O	F	C	Description
Lift (lbs)		75	10 - 30		* 150 lbs Metal doors (2 person); * 110 lb solid wood doors with hardware attached (2 person); *Door closer hardware (5-10 lbs); *Door crash bar hardware (5-10 lbs); *Tools and toll bags (10-30 lbs)
Carry (lbs)		75	10 - 30		* 150 lbs Metal doors (2 person), 110 lb solid wood doors with hardware attached (2 person). Door closer hardware (5-10 lbs). 4-6 ft Step Ladders (10-20 lbs). Door crash bar hardware (5-10 lbs). Tools and toll bags (10-30 lbs). On occasions need to carry doors and tools etc up/down stairs.
Push (lbs)		60			*40-60 lbs of force required to move furniture and fixtures in dorms and other college buildings. *Light pushing from opening/closing doors.
Pull (lbs)		60			*40-60 lbs of force required to move furniture and fixtures in dorms and other college buildings. *Light pulling from opening/closing doors.
Sit		X			Optional on breaks, but on occasions some jobs may be performed from a sitting position.
Stand/Walk			X		*Standing or walking most of day.
Bend/Squat		X			Occasional bending or squatting to perform tasks below waist level.
Crouch/Kneel		X			Occasional crouching or kneeling to perform tasks below waist level.
Twist/Turn		X			*Twisting and turning on an occasional basis when handling equipment or working in confined spaces.
Crawl	X				On rare occasions to work in confined spaces or at floor level.
Climb		X			*Climbing of stairs and up/down step ladders when installing or maintaining doors. Will need to be able to work from step ladder.
Reach				X	*Constant reaching. Most common will be near reaching around waist level. Occasional reaching overhead and down low. Reaching is often combined with holding hand tools.
Handle				X	*Constant handling of tools and fixtures. Most tools are power tools such as drills. Some vibration is produced from power tools.
Finger			X		*Frequent use of fingers when working with keys, nuts and bolts and operation buttons on power tools.
Balance		X			*Occasionally working outside in winter conditions that may involve walking across ice. Working with both hands while standing on ladders. Carrying objects up and down stairs.

Rare (R)	1 - 10%	1 - 5 min/hr	< 1 hr/day
Occasional (O)	11 - 33%	6 - 20 min/hr	1 - 2 ½ hr/day
Frequent (F)	34 - 66%	21 - 40 min/hr	2 ½ - 5 ½ hr/day
Constant (C)	67 - 100%	41 - 60 min/hr	> 5 ½ hr/day

*Essential Work Task

Evaluator: Mark Coleman, OTR/L

Updated: 11/28/12

