

YORK TECHNICAL COLLEGE

TECHNICAL STANDARDS FOR RESIDENTIAL/COMMERCIAL CARPENTRY RELATED PROGRAMS ESSENTIAL FUNCTIONS OF A RESIDENTIAL/COMMERCIAL CARPENTRY TECHNICIAN:

PHYSICAL ATTRIBUTES:

1. Possess light to medium physical strength.
2. Be able to climb, work at heights from ladders and scaffolds, and maintain body balance.
3. Maintain good vision, either naturally or with correction.
4. Reach for, handle, and grasp fasteners, building components and hand tools.
5. Bend, crouch, and work in small, confined areas.
6. Work overhead.
7. Lift and carry objects weighing up to fifty (50) pounds.
8. Be able to stand, squat, and stretch for long periods of time.
9. Be able to work in awkward positions.
10. Work thirty-five (35) to forty (40) hours per week.
11. Be able to use various types of hand tools and test equipment.
12. Be able to wear and work in gloves, hard hats, safety glasses, and steel-toed boots.
13. Be able to work indoors and outdoors in all types of weather and temperatures.

MENTAL ATTRIBUTES:

1. Use logical, step-by-step procedures.
2. Perform arithmetic operations quickly and accurately.
3. Understand and apply principles of basic construction and building codes.
4. Read blueprints and visualize objects in three-dimensions.
5. Make decisions based on personal judgment and/or verifiable criteria.
6. Stay focused on the task at hand.
7. Have a good memory.

JOB DUTIES:

1. Plan installations.
2. Read, interpret, and follow specifications and local building codes.
3. Erect scaffolding and ladders to assist in construction.
4. Locate and erect/install various masonry, metal and/or wood building components and devices according to site plans.
5. Layout openings in building envelope to allow for installation of doors and windows..
6. Install exterior and interior wall coverings.
7. Refer to and use carpentry diagrams and manufacturer's instructions.
8. Operate the following types of test equipment:
 - a. Levels (Laser and Spirit)
 - b. Transits
 - c. Squares
 - d. Tape Measures
 - e. Etc.
9. Be able to use the following hand and power tools:
 - a. Screwdrivers
 - b. Pliers
 - c. Nail Guns
 - d. Compressors
 - e. Hammer
 - f. Chisel
 - g. Planes and Sanders
 - h. Table and Band saws
 - i. Routers
 - j. Hand and Stationary Drills
 - k. Hack Saw
 - l. Miter and Circular Saws
 - m. Etc.

Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Special Resources Office (SRO) at 803-327-8007, located in the Student Services Building within the Counseling and Support Services Area. The SRO coordinates reasonable accommodations for students who self-identify their documented disability.