

FUNCTIONAL ABILITIES FOR THE ASSOCIATE DEGREE FIRE PROTECTION TECHNICIAN PROGRAM

Functional Ability Categories and Representative Activities/Attributes for the Associate Degree Fire Protection Technician Program

The Federal American with Disabilities Act (ADA) bans discrimination of persons with disabilities. In keeping with this law, Gateway Technical College makes every effort to ensure quality education for all students. However, we feel obligated to inform students of the functional abilities demanded by a particular occupation.

Students should have the ability to:

GROSS MOTOR SKILLS:

- Move quickly and accurately and coordinate hand eye movements
- Move hands easily and skillfully
- Occasional pushing or pulling
- Move within a constricted area

FINE MOTOR SKILLS:

- Manipulate small objects rapidly and quickly
- Reach, handle, finger, and/or feel

PHYSICAL ENDURANCE:

- Tolerate lengthy periods of standing and/or walking
- Tolerate frequent lifting and carrying

PHYSICAL STRENGTH:

- Very heavy lifting (exerting in excess of 100 lbs. of force occasionally, or in excess of 50 lbs. of force frequently, or in excess of 20 lbs. of force constantly to move objects)
- Carry objects heavier than 50 lbs.

MOBILITY:

- Climb and/or balance
- Stoop, kneel, crouch, reach, and crawl

HEARING:

- Hear normal speaking levels
- Hear faint voices
- Hear faint body sounds with use of stethoscope
- Hear auditory equipment or safety alarms

VISUAL:

- Discriminate color, shade, or harmonious colors, or match colors
- Use peripheral vision
- Use depth perception
- See in low-light situations
- See details at close ranges (within a few feet)
- Vision correctable to obtain Wisconsin CDL training permit

TACTILE:

- Feel vibrations (palpate pulses)
- Detect temperature
- Feel the differences in surface texture
- Feel difference in sizes and shapes

SMELL:

- Detect odors (noxious smells, gases, atmospheric conditions)

ENVIRONMENT:

- Tolerate exposure to weather (e.g. extreme cold, extreme heat, wet and humid)
- Tolerate vibration
- Perform functions in close proximity to moving parts
- Tolerate noise levels ranging from very quiet to very loud
- Tolerate healthcare environments containing latex

READING:

- Read and understand written documents

MATH:

- Calculate fractions, percentages, ratio and proportions, and measurements
- Perform arithmetic operations quickly and accurately

EMOTIONAL STABILITY:

- Adapt to changing condition
- Focus attention to professional tasks
- Accept responsibility for own actions
- Accept constructive feedback
- Provide patients with emotional support
- Perform multiple responsibilities concurrently

ANALYTICAL THINKING:

- Use short term memory
- Use long term memory
- Problem solve
- Analyze and interpret abstract and concrete data
- Evaluate outcomes
- Strong reasoning skills are required to deal with the complexity and variety of situations encountered

CRITICAL THINKING:

- Identify cause-effect relationships
- Plan/schedule/control activities
- Sequence information
- Makes decisions independently
- Adapt decisions based on updated information
- Comprehend and follow instructions
- Follow a process

INTERPERSONAL SKILLS:

- Establish a rapport with individuals (e.g. staff, students, preceptors)
- Respect/value diversity in others
- Resolve interpersonal conflict
- Demonstrate tolerance in working with others
- Function as a part of team

COMMUNICATION SKILLS:

- Speak English
- Write English
- Listen and comprehend written and spoken words
- Comprehend and exhibit non-verbal communication
- Arrange information in an order or pattern