

Lakeshore Technical College
Industrial Maintenance Program
Functional Abilities Statement of Understanding

The Americans with Disabilities Act of 1990, the Americans with Disabilities Amendments Act of 2008, and Section 504 of the Rehabilitation act of 1973 (29 U.S.C. sec. 794) prohibits discrimination of persons because of her or his disability. In keeping with these laws, colleges of the Wisconsin Technical College System make every effort to insure a quality education for students. The purpose of this document is to ensure that students acknowledge that they have been provided information on the functional abilities required of a student in the Industrial Maintenance Program.

If you have a documented disability that may prevent you from meeting the functional abilities as stated, you are encouraged to contact LTC's Disability Services Coordinator for assistance with accommodations. It is your responsibility to voluntarily and confidentially disclose information regarding the nature and extent of a disability and to provide documentation of the disability. The college cannot assume responsibility for providing accommodations or services to students who have not identified themselves as having a qualifying disability.

Please note that program requirements will not be waived, but accommodations may be made to assist you to meet requirements. Please contact Pam Thayer, Disability Services Coordinator, at 920.693.1222, or email pamela.thayer@gotoltc.edu for assistance in formulating a reasonable accommodation plan.

This form is to be completed upon admission to the program

_____ I have read and I understand the *Functional Ability Categories* specific to a student in
(initials) the Industrial Maintenance Program.

_____ I am able to meet the *Functional Abilities* as presented, and have been provided with
(initials) information concerning accommodations or special services if needed at this time.

Name of Student _____

Signature of Student _____ Date _____

Student Identification Number or Date of Birth _____

Return completed form to:
Admissions
Lakeshore Technical College
1290 North Avenue
Cleveland, WI 53015-1414

Lakeshore Technical College
Functional Ability Categories & Representative Activities for
Industrial Maintenance Program

Gross Motor Skills:

- Keep or regain balance, or stay upright when in an unstable position
- Ability to lift, push, pull, or carry objects

Fine Motor Skills:

- Ability to make precisely coordinated movements of the fingers of one or both hands to quickly grasp, manipulate, and assemble objects very small objects and machine controls
- Able to hold hand and arm steady while moving or in one position

Physical Endurance:

- Must be able to lift a minimum of 50 pounds
- Ability to stand for long periods of time and move around machinery
- Performing physical activities that require use of hands and arms, whole body movements such as standing, bending, and lifting

Hearing:

- Ability to detect or tell the differences between sounds that vary in pitch or loudness
- Hear sounds at a close range (within a few feet of the observer)

Vision:

- Ability to see details at a close range (within a few feet of the observer)

Environment:

- Ability to work indoors in drafty, warm, or noisy conditions
- Tolerate strong odors, dirty or greasy areas, exposure to solvents, and slippery or uneven surfaces in a manufacturing setting
- Able to wear protective equipment when needed

Reading & Writing:

- Ability to pass Accuplacer entrance assessment for Reading and Sentence Skills
- Understand written sentences and paragraphs in technical equipment manuals
- Ability to communicate effectively with others in writing

Mathematics:

- Ability to pass Accuplacer entrance assessment for Mathematics
- Use mathematics to solve problems

Emotional Stability:

- The ability to concentrate on a task over a period of time without being distracted (selective attention)
- Cope with own emotions
- Accept responsibility for own actions
- Establish professional relationships
- Adapt to changing environments and adjust to the unexpected

Analytical Thinking:

- Ability to combine pieces of information to form general rules or conclusions (inductive reasoning)
- Ability to apply general rules to specific problems to produce answers that make sense (deductive reasoning)

Critical Thinking:

- Ability to tell when something is wrong or is likely to go wrong (problem sensitivity)

Interpersonal Skills:

- Respect/value diversity in others
- Negotiate interpersonal conflict
- Demonstrate tolerance in working with others
- Function as part of a team

Communication Skills:

- Ability to listen to and understand information and ideas presented through spoken words and sentences
- Ability to comprehend written information
- Communicate information and ideas in speaking and writing so others will understand