

Lakeshore Technical College
Mechanical Design Technology
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 Mechanical Design Technology 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 Mechanical Design Technology 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
Mechanical Design Technology Program

Gross Motor Skills:

- Keep or regain balance, or stay upright when in an unstable position

Fine Motor Skills:

- Ability to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble very small objects
- Manual dexterity

Physical Endurance:

- Ability to perform physical activities that require use of hands and arms

Hearing:

- Hear sounds at a close range (within a few feet of the observer)
- Ability to hear normal or faint sounds

Vision:

- See with normal or corrected vision
- Ability to see details at a close range (within a few feet of the observer)
- Ability to grasp spatial relationships

Environment:

- Tolerate working indoors

Reading & Writing:

- Ability to pass Accuplacer entrance assessment for Reading and Sentence Skills
- Knowledge of the structure and content of the English language, including the meaning and spelling of words
- Understand written sentences and paragraphs in work-related documents
- Ability to communicate information in writing so others will understand

Mathematics:

- Ability to pass Accuplacer entrance assessment for Mathematics
- Ability to choose the correct mathematical methods or formulas to solve a problem

Emotional Stability:

- Ability to focus attention on task
- 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 apply general rules to specific problems to produce answers that make sense (deductive reasoning)
- Ability to imagine how something will look after it is moved around or when its parts are moved or rearranged
- Ability to arrange items or actions in a certain order or pattern according to rules (patterns of numbers, letters, words, pictures, mathematical operations)
- Able to consider the relative costs and benefits of potential actions to choose the most appropriate

Critical Thinking:

- Ability to tell when something is wrong or is likely to go wrong (problem sensitivity).
- Ability to choose the correct formula or method to solve a problem
- Ability to combine pieces of information to find relationships

Interpersonal Skills:

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

Communication Skills:

- Communicate information and ideas so others will understand