

# Technical Standards

Farm Operation | Agricultural Business Fundamentals |  
Crop Production | Livestock Production

In this program grouping, students should be able to meet specific technical standards, which are the essential skills and abilities needed to be successful in a program, with or without reasonable accommodation. It is important to review and understand these standards before applying to the program. All Technical Standards documents are available for review on the Northwood Tech website at: <https://www.northwoodtech.edu/technical-standards>

**This document should be reviewed prior to applying to the program.**

Reasonable accommodations for persons with disabilities will be made to ensure access to academic programs, activities, services, and employment in accordance with Section 504 and 508 of the Rehabilitation Act of 1973 and Title II of the Americans with Disabilities Act of 1990, as amended. If accommodations are needed, contact the campus Accommodations Specialist or the Northwood Tech Affirmative Action/Equal Opportunity Officer, at [715-645-7042](tel:715-645-7042), TTY 711, 30 days in advance of needed assistance. Services available are documented on the Northwood Tech Accommodations webpage: [Accommodation Services | Northwood Technical College](#).

For more information, please see Administrative Procedure J-111A Reasonable Accommodation for Student.

AREA	STANDARD	EXAMPLES (NOT INCLUSIVE)
Physical Skills	<p>Students must be able to apply knowledge and experience through demonstrating competency, quality and productivity standards in job responsibilities as outlined in the course competencies and program outcomes.</p> <p>Students must be able to utilize computers and required software to access, abstract, manage, interpret, and analyze information and data.</p> <p>Students must be able to perform administrative skills in a timely, safe and effective manner, with or without reasonable accommodation.</p> <p>Students must be able to handle, organize, and manage supplies and equipment in a typical office setting.</p> <p>Students must be able to handle supplies and equipment at varying heights and weights.</p>	<ul style="list-style-type: none"><li>• Ability to successfully maneuver within a confined workspace</li><li>• Bend, stretch, twist, reach with your body above shoulders, below waist, and in front</li><li>• Operate a computer efficiently</li><li>• Maintain physical activity for several hours</li><li>• Good hand-eye coordination</li></ul>
Sensory Skills	<p>Students must have sufficient auditory ability, visual ability, sense of smell and tactile ability.</p>	<ul style="list-style-type: none"><li>• Detect objects, sounds, symbols and numbers both near and far</li></ul>
Communication Skills	<p>Students will be able to communicate, read, interpret, comprehend, and legibly document as needed.</p> <p>Students demonstrate the ability to read and understand digital and computer displays, as well as enter pertinent data.</p> <p>Students should demonstrate interpersonal skills.</p>	<ul style="list-style-type: none"><li>• Collaborate and respectfully respond to others</li><li>• Prepare written and verbal reports regarding administrative and financial data</li><li>• Observe, interpret and respond appropriately to surroundings, nonverbal cues, verbal and written information</li></ul>

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Safety Skills	Students must apply knowledge, skills and experience to provide a safe work environment.	<ul style="list-style-type: none"><li>• Demonstrate adherence to safety guidelines and regulations</li><li>• Identify and resolve unsafe situations</li><li>• Be familiar with and follow emergency procedures.</li></ul>
Critical Thinking Skills	Students must have the ability to measure, calculate, reason, analyze and synthesize data to make decisions in a timely manner.	<ul style="list-style-type: none"><li>• Follow a process from start to finish; sequence information</li><li>• Adapt decisions based on new information</li><li>• Handle demanding and stressful situations</li><li>• Ability to problem solve complex situations while maintaining a professional demeanor</li></ul>
Professionalism	<p>Students must demonstrate cross-cultural competency, integrity, moral reasoning, ethical behaviors and concern for others.</p> <p>Students must be able to work cooperatively with intra and inter professional teams, adapt to changing environments, and function effectively under stress.</p>	<ul style="list-style-type: none"><li>• Exhibit positive interpersonal skills in all interactions</li><li>• Respond to challenging situations while maintaining composure and professionalism</li><li>• Exhibit consistent and on-time attendance as scheduled</li></ul>

Northwood Technical College does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. The following person has been designated to manage inquiries regarding the non-discrimination policies: Amanda Gohde, Associate Vice President, Talent & Culture, 1900 College Drive, Rice Lake WI 54868; [Amanda.Gohde@NorthwoodTech.edu](mailto:Amanda.Gohde@NorthwoodTech.edu), phone: [715-645-7042](tel:715-645-7042).

*This document was adapted from Waukesha County Technical College.*