



AGRI-BUSINESS SCIENCE TECHNOLOGY ACADEMY

This academy is ideal for motivated students interested in careers in Agri-Business Science. Students attend classes Monday through Friday from 8:30 am to 11:00 am, taking two courses per 7-week session along with a College Success course offered every other day.

COURSES OFFERED

Term	Course	Credits
Session 1	Emerging Agriculture Technologies	3
Session 1	Career Development in Agriculture*	2
Session 2	Precision Agriculture Technologies	2
Session 2	Soil Fertility & Nutrient Management	2
Sessions 1 & 2	College Success	1
	Total Credits	10

For More Information

Contact your high school counselor or
Rochelle Hoffman

Western High School Academy Coordinator
Agri-Business Science and Technology Instructor
hoffmanr@westerntc.edu

Sign up for
Academies here!



2025-2026 SCHOOL YEAR:

Fall Term: Tomah Regional Learning Center
September 2– December 12, 2025

Spring Term: Independence Regional Learning Center
January 12– April 24, 2026

The Agri-Business Science Technology Academy allows high school juniors and seniors to earn 10 college credits toward Western's Agri-Business Science Technology Associate Degree. These credits, combined with transcribed credits offered in various school districts, can significantly shorten the time to graduation and deepen students' understanding of agricultural careers.

COURSES DESCRIPTIONS

Emerging Agriculture Technologies: Covers advancements in sensors, automation, food tech, and engineering in agriculture. Topics include crop sensors, agricultural robotics, and synthetic biology.

Career Development in Agriculture: Focuses on leadership, employment skills, and career opportunities in agriculture, including goal setting, interview preparation, and workplace regulations.

Precision Agriculture Technologies: Explores tools and techniques in precision farming, sustainable agriculture, and biotechnologies.

Soil Fertility & Nutrient Management: Teaches principles of soil fertility, crop nutrition, and planning for agronomic crop production. Includes soil test analysis and in-field activities.



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SCHEDULE:

First 7-Week Session: September 3 – October 18, 2025

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 a.m.	Travel Time	Travel Time*	Travel Time	Travel Time	Travel Time
8:30 a.m.	Emerging Ag Technologies	Career Development in Agriculture*	Emerging Ag Technologies	Emerging Ag Technologies	College Success & Industry Experience
11:00 a.m.	Flexible Time	Flexible Time	Flexible Time	Flexible Time	Flexible Time
11:30 a.m.	Travel Time	Travel Time*	Travel Time	Travel Time	Travel Time

Second 7-Week Session: October 28 – December 13, 2025

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 a.m.	Travel Time	Travel Time	Travel Time	Travel Time	Travel Time
8:30 a.m.	Soil Fertility & Nutrient Management	Precision Ag Technologies	Soil Fertility & Nutrient Management	Precision Ag Technologies	College Success & Industry Experience
11:00 a.m.	Flexible Time	Flexible Time	Flexible Time	Flexible Time	Flexible Time
11:30 a.m.	Travel Time	Travel Time	Travel Time	Travel Time	Travel Time

**Virtual/Asynchronous class*