



SCOTTSBLUFF HIGH SCHOOL

Ag Machinery Pathway

*Make an Impact by
Feeding the World!*



Students completing the Ag Machinery Pathway will be prepared for entry level employment and/or certifications, diploma, or degree programs through WNCC, other regional community colleges, technical trade schools, or four year institutions. While in the academy, students will learn machinery operations, maintenance skills, metal fabrication, small engine repair, basic welding concepts and application, technology applications, technical reading and writing, and technical mathematics. Students will have the opportunity to work with industry professionals and take college courses in preparation for post-secondary studies. Students will have the choice to participate in FFA and have the opportunity to attend regional, state, and national competitions pertaining to their content area.

AG, FOOD & NATURAL RESOURCES



COURSE RECOMMENDATIONS

Pre-Career Academy Recommendations (9-10 Grade)

- Introduction to Agriculture, Food, and Natural Resources
- Basic Welding

Foundational Career Academy Requirements (11-12 Grade)

- Environmental Science
- Power, Structure, and Tech/Metals and Fabrication.

Specialized Academy Pathway Courses (12 Grade)

1st Semester

- Advanced Welding (WELD 1100)
- Workplace Writing (ENGL 0500) or higher
- Power and Tech
- Ag Leadership

2nd Semester

- Advanced Welding (WELD 1090)
- Technical Math (MATH 0150) or higher
- Advanced Metals Fabrication
- Internship

*This is a suggested sequence of course studies. Courses may be taken in a different order based on pre-requisites.

ADDITIONAL RECOMMENDED DUAL CREDIT OPTIONS

(Complete concurrently as Junior/Senior, outside of Academy)

Regular dual credit tuition rates will apply unless the course is taught at SHS by an SHS instructor

- Information Technology Applications 2 (INFO 1100)
- Public Speaking (SPCH 1110)



STUDENT OUTCOMES

Learned Skills	Machinery operations, metal fabrication, basic welding concepts and application, technology applications, technical reading and writing, and technical mathematics
Employability	Ag Machinery Maintenance, Welding, Maintenance, and Small Engine Repair
Post-Secondary Transition	Programs of study for associate or bachelor degrees
Certifications	Welding , OSHA, Hazwoper
Degree Opportunities	Ag Machinery Management, Deere Construction and Forestry Technician, Diesel-Ag Service tech, John Deere Technician, Caterpillar Training Programs

MORE INFORMATION

For more information on individual careers including, education requirements, pay ranges, and employment forecasts visit <http://www.bls.gov/ooh/>



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308-635-6230 • WWW.SBPS.NET/SHS

