



Bridges Career Academy

DNR & Outdoorsman

Bertha-Hewitt High School

Introduction to the areas of conservation of water, animals, forests, and related natural resources. Learn to compile data pertaining to size, content, condition, and other characteristics of forest tracts, as well as conservation of managing, improving, and protecting fish and wildlife and wildlife habitats. Understand the proper methods for harvesting tree species, identification of plant and animal species, and map interpretation.

Academic Courses

- Animal Science
- Forestry and Wildlife
- Sportsman's Craft

Career Experiences

- Listen to industry speakers
- Attend the Bridges Career Exploration Day or other regional career fairs
- Hands-on experiences in field/shop

Completion Standards

COMPLETE

All courses

GRADES **B** ↑

Earn a **certificate** and **green cord** at graduation



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Job Skills

In addition to having technical skills, employers expect workers in this industry to have these skills:

- Listening skills
- Be an active member of a team
- Use critical thinking and problem-solving skills
- Effectively communicate
- Work with environmental agencies



DNR & Outdoorsman Career Academy

Bertha-Hewitt High School

The DNR and Outdoorsman Academy provides students an introduction to the areas of conservation of water, animals, forests, and related natural resources. Students learn to compile data pertaining to size, content, condition, and other characteristics of forest tracts. Conservation of managing, improving, and protecting fish and wildlife as well as wildlife habitats and learning how the forest is an essential part of the environment is included. Proper methods for harvesting tree species, identification of plant and animal species, and map interpretation are essential components of this Academy. Courses focus on non-renewable and renewable resources with special attention on conservation and the ecology of how plants and animals factors interact. The Academy is designed for students interested in environmental studies and a hands-on career.

ACADEMY COURSES

Animal Science —1 High School Credit

The Animal Science course includes animal selection, nutrition, breeding, animal health and livestock operations. Emphasis will be on cattle, ruminants, swine and horses. Students learn about feed selection, balancing rations and breed selection.

Forestry and Wildlife — 1 High School Credit

This course is designed to develop awareness and knowledge for the proper management of forest and wildlife resources. Field activities for tree and wildlife identification are essential elements of this course. Students learn identification and measurement of trees, identification of wildlife habitats and compass skills. Students use the State of Minnesota FFA CDE Handbook for Fish and Wildlife as a reference tool for completing the course work.

Sportsman's Craft — High School Credit

This course is designed to give students a hands-on experience in areas of hunting and fishing. Students design and build their own equipment for hunting and fishing. Decoys, fishing poles, duck calls, deer stands, fish houses, ice saws, and ice chisels are samples of the kinds of equipment that students will take into the field as part of the course.

COMPLETION STANDARD

Students wishing to receive a certification must complete all courses and while earning an average of 'B' or better in each course.

CAREER EXPERIENCES

Students will explore and research careers with industry speakers, and attend Bridges Career Exploration Day event and other regional career fairs. Hands-on experiences in the field and in the shop will highlight this academy.

JOB SKILLS

In addition to having technical skills, employers expect their workers to have other skills such as:

- Listening skills
- Be an active member of a team
- Use critical thinking and problem-solving skills
- Effectively communicate
- Work with environmental agencies

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