

Courses in Agricultural Education at Northwestern Regional School



Students must apply and be accepted to the Agricultural Education Program—to obtain an application please go to: <http://www.nwr7.com/District/Agricultural-Education/>



All students take FFA/SAE - This course is required of all students enrolled in the Agricultural Education Program. The course is designed to help students locate & obtain successful work experience in agriculture in order to obtain skills & experiences not available in the traditional school setting. Additionally, this course grants credit for participation in a wide range of leadership activities sponsored by the local FFA Chapter, State FFA Association & the National FFA Organization.

All students in grades 10-12 choose from the following year long courses (1 credit) and will have an Agricultural Lab (1/2 credit) associated with them:

| | AGRICULTURAL MECHANICS | ANIMAL SCIENCE | PLANT SCIENCE | NATURAL RESOURCES | CROSS-CURRICULAR |
|------------------|-------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------|--------------------------|---------------------------|
| 2021-2022 | Ag Mechanical Systems | Introduction to Veterinary Science Production Animal Science | Greenhouse & Nursery Production Landscaping & Turf Management | Field Ecology | Ag Products & Enterprises |
| 2022-2023 | Ag Engineering & Technology | Companion Animal Science Equine Science | Floral Design/Flower Shop Management Fruit & Vegetable Production | Fisheries & Aquaculture | Food Science |

All 9th graders take Exploring Agriculture—This course provides an overview of the agricultural industry in Connecticut and throughout the United States with an emphasis on career exploration. In this course the student will acquire basic skills and knowledge, as well as gain practical hands-on experience in all areas of agriculture (leadership, plants, animals, natural resources, equipment operation and mechanics).

Electives for all High School students (no application required for elective offerings):

Introduction to Agriculture (1/4 credit): This class will run every other day of the rotation opposite gym/health for a semester. This course will introduce students to the vast and varied world of agriculture. Students will form a much more broad definition of agriculture as they learn about items produced here in Connecticut and the northeastern U.S. During this semester long course students will have the opportunity to briefly study animal science, plant science, natural resources and mechanics, while taking part in hands-on learning experiences.

Seasonal Projects & Special Topics in Agriculture (1/4 credit): This class will run every other day of the rotation opposite gym/health for a semester. This semester long course will focus on seasonal projects in agriculture such as maple syrup, holiday floral arrangements, livestock production and greenhouse crops. Other topics will be determined based on