

11th/12th Grade-Agriculture IV

Syllabus

Instructor Information

Instructor: Amanda S. Huettl
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Location: Max Public School
Agriculture Department
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Course Information

Grade Level: Juniors/Seniors

Course Meets: Monday-Friday

Available Credit: 1 Elective Credit toward graduation requirements

*Credit is useful for the **ND Academic Scholarship and ND CTE Scholarship**

Course Duration: Year long

Pre-Requisites: Beneficial to have Intro to Agriculture and Foundations of Agriculture prior to taking this course, however, it is not required.

Course Description:

This applied course is designed to enhance student's perception of agriculture, its applications, and leadership development as the core foundation of the Agriculture Education program. Individual units will familiarize the student with: basic mechanical theory and skills. Areas of emphasis include leadership skills, plant science, animal science, mechanical skills, and agricultural economics.

Materials:

- *Writing utensil (pencils for shop and homework assignments; blue or black pen for note taking and class activities)
- *Three-Ring binder
- *Notebook or Loose-leaf paper
- *Flash Drive
- *Appropriate Shop Clothing (on shop days only)
 - Long pants
 - Closed-toe shoes
 - No "baggy" clothing
 - Hair ties to pull back long hair

POSSIBLE CONTENT STANDARD AREAS TO BE TAUGHT IN CLASS

Standards have not been established for this area in Agriculture Education. Units to be taught with flexibility

- Continue their education in FFA and its leadership activities / opportunities.
 - Extemporaneous Public Speaking
 - Parliamentary Procedure
 - Etc.
- Gain an understanding of food safety and sanitation.
- Horticulture, **floriculture**, and landscaping principals.
- Complete a record book, where they will understand the importance of accurate records. The use of the AET online record book and proficiencies.
- Advanced knowledge in Agribusiness and Entrepreneurship.
- Advanced Animal Science/Vet Science course materials.
- Forage and Range Management
- Advanced understanding of concepts in Agriscience and global agriculture-debates.

Possible Projects

Agriscience Project

*Students will choose a science related project to research and complete an agriscience research project on.

*Students will be provided classroom time to work on the agriscience project, however, it will require some out of class time as well.

*Locations of agriscience research experiments may take place at home. Documentation will be required such as photos and the use of the AET.

*Possible agriscience project areas:

- Plant Science
- Animal Science
- Food Science
- Etc.

Community Service Project

*Students will work with a community group to complete a task that will benefit the community of Max. This may include organizing a community event, building park benches, school improvement projects, etc.

Classroom Labs

*Students will be engaged in classroom labs throughout the year. Most units will have labs that will go with them that may include building items in the lab or developing conclusions from classroom labs.

*Lab points will be assessed for these projects as well.

**Daily Participation Points will be issued when the students are engaged in a lab situation in the shop or classroom. Ten points per day will be the maximum each student will be able to earn. The following is a guideline that the Instructor will use for evaluation and granting of points to each student.*

<u>Points Earned</u>	<u>Degree of Participation</u>
10	-Student worked diligently/took part in the activity to best of his or her ability for the duration of the class period. The student also followed all outlined safety procedures, assisted in clean up at the conclusion of the activity, and waited for dismissal from the instructor.
5	-Student worked diligently/took part in the activity to the best of his or her ability for the duration of the class period. However, he or she did not deem it necessary to assist their classmates in clean up at the conclusion of the class period and/or await dismissal from their instructor. (Examples include: wearing safety glasses, proper storage of shop and lab equipment, etc.)
0	-Student worked diligently/took part in the activity to best of his or her ability for the duration of the class period. However, he or she did not deem it necessary to follow all of the outlined safety procedures throughout the activity. (Examples include: repetitively reminded about wearing safety glasses, proper use of power tools, shop and lab equipment, shop procedures, horseplay, etc.)

As you may see, the preceding is a pass or fail option. Stellar work habits, sound implementation of safety and sanitation practices, performance of assigned clean up duties, and solid listening skills will ensure success-not only with your course grade, but long into your future as well. Shoddy workmanship, shortcuts that compromise safety and laziness will not be tolerated. Take pride in your work, our equipment, and our wonderful facility!

Agriculture Education Lab and Classroom Policies

*Students will follow the Student Handbook and additional shop and classroom policies provided to them the first week of school. See also: "Lab and Classroom Policies" under the Agriculture Education section of the Max Public School Webpage.

Student Evaluation and Classification

The grading system shall be:

- A-Superior (100-93)
- B-Above Average (92-85)
- C-Average (84-77)
- D- Below Average (76-69)
- F Failing (68 and below)

Websites-

- **National FFA Website** www.ffa.org
- **The Agriculture Experience Tracker** www.theaet.com
- **Max Public School Website** www.max.k12.nd.us//index.html
- **North Dakota FFA Website** www.ndffa.org
- **North Dakota FFA Foundation Website** www.ndffaoundation.com