

## Classroom Rules

Students are to follow all rules and policies set by Utica High School and the Northfork School District. In addition to those rules, the following rules apply to my class.

### LEARNING TO DO

Students are expected to participate in class and FFA activities

### DOING TO LEARN

Students are required to be prepared for all class activities. This is not limited to a pencil or paper. Bring your CHARGED iPad!

### EARNING TO LIVE

Everything is earned- this includes grades, privileges and respect.

### LIVING TO SERVE

Students are expected to respect their fellow Classmates, classroom supplies and display characteristics of a leader

\*Cell phone Policy: They are not to be used and will be stored in the classroom

## Classroom Consequences

When you do not follow the rules, the following may happen, depending on the decision you have made.

1. Verbal or written warning, with behavioral record
2. Call home to parents
3. Lunch Detention
4. Discipline Report
5. Teacher Assigned after school detention
6. Immediate removal to hall
7. Removal to office

## Emergency Procedures

1. Tornado Drill- Students will exit the room quietly and sit on their knees, facing the wall, with head down and hands over their head along the hallway outside of my classroom.
2. Fire Drill - Students will exit the room through the shop door and meet on the football field.
3. Lock Down - Students will quietly move to the tool room and remain there until instructed otherwise by the loudspeaker.
4. Teaching Lockdown - Students will remain in their current location and continue class as usual until instructed differently by the teacher or a staff member.
5. Evacuation - Students will exit the building through the shop and go to the home side bleachers in the football stadium

## Course Outline

Lesson	Title	Days
<b>Unit 1 –Conservation, Preservation, Exploitation</b>		
Lesson 1.1	Nat. Resources & Ecology 101	6
Lesson 1.2	Building Biomes	10
<b>Unit 3 – Water Works</b>		
Lesson 3.1	Water Basics	7
Lesson 3.2	Water Function	9
<b>Unit 2 –Mother Earth</b>		
Lesson 2.1	Soils & Land	10
Lesson 2.2	Reading the Land	7
<b>Unit 4 – Lighter than Air</b>		
Lesson 4.1	The Role of Air	5
Lesson 4.2	The Smog has Lifted	7
<b>Unit 5 –Earth's Energy</b>		
Lesson 5.1	The Energy of Life	7
<b>Unit 6 –Flora and Fauna</b>		
Lesson 6.1	All Natural Flora	9
Lesson 6.2	Flourishing Fauna	10
<b>Unit 7 – Farming, Forestry, and Ferrous</b>		
Lesson 7.1	Ag. Stewardship	8
Lesson 7.2	Timber!	9
Lesson 7.3	Digging & Drilling	7
<b>Unit 8 -We the People</b>		
Lesson 8.1	Urban Sprawl	12
Lesson 8.2	Walk in the Park	6
<b>Unit 9 –Past, Present, and Future</b>		
Lesson 9.1	Policing Our Wilderness	8
Lesson 9.2	What's Next?	6
<b>Unit 10- Ag Engineering</b>		
Lesson 10.1	Ag Engineering	Remainder of year

All days are approximate and may change with current agricultural events and FFA events

**If you have any questions about the information presented in this document, please do not hesitate to ask by using the contact information provided.**

## Natural Resources

2017-2018 Course Syllabus  
Instructor: Mrs. Gina R Neff

## Good to know info

Room:329

Prep/Conference: 1<sup>st</sup> period

Office Hours: Before/after school, lunch, prep

Contact Information: gneff@northfork.k12.oh.us

: School number:740-892-2855

: Cell phone number: 740-272-7721 (NO calls or texts after 9pm weekdays)

<https://www.facebook.com/UticaFFA>

<http://www.instagram.com>

Username: UticaFFA or gneff85

<http://www.utica.theaet.com>

<http://www.northfork.k12.oh.us>- High School, Staff, Gina Neff

Remind: Text 81010, message @7eadf6 or email 7eafd6@mail.remind.com

## Course Description

Students will study relationships between organisms and their environment. Principles of biogeochemical cycles, air-water-land relationships, non-point pollution, and wetlands will be applied. Students will examine fundamentals of resource development, agriculture sustainability, energy needs and pollution control. They will analyze and interpret data gathered from studies on the ecosystem. Throughout this course, students will develop responses to environmental problems and develop management strategies for responsible conservation and resource development.

When joining the course students will also become members of the National, State, and local FFA chapter. Students are required to have a Supervised Agricultural Experience. Course fee: \$20 FFA Dues\$18



## Course Organization

This is a student driven course. Students will experience independent learning through a variety of activities, projects, and problems. There will be minimal lecture time during class. Students will rely on using their iPads for research based activities and lab work. There will also be outside of class learning opportunities through FFA (student organization) and SAE.

## Course Objectives

1. Ag, food, & natural resources systems produce the food, fiber, & fuel that are essential to daily life as well as contribute to the nation's economic wealth.
2. Individuals who pursue a program of study in Ag education will benefit from leadership development, personal growth, & career exploration.
3. Ag is a science that contributes to the development, improvement, & sustainability of living things.
4. Ag education establishes a relevant setting for the application of mathematical practices & principles.
5. Effective interpersonal communication skills facilitate group processes & aid in solving complex problems & the achievement of common goals.
6. Reading & writing interpretation skills are necessary for educational & professional development.
7. Safety is an attitude of personal responsibility that must be practiced in the Ag classroom, laboratory, shop, greenhouse, & facilities.
8. Inquiry activities are important in the practice of scientific processes & in the world of research.
9. The use of technology & computer applications is critical to modern Ag practices.
10. Consideration of the ethical, environmental, social, & economic impacts of Ag practices is essential to being a responsible, involved citizen.
11. Individuals involved with the processes of Ag production must perform specific technical skills proficiently.
12. Critical thinking involves using a variety of problem-solving techniques in real-life contexts.

## Course Topics

1. Agricultural Education/FFA/SAE
2. Conservation, Preservation, Exploitation
3. Mother Earth
4. Water Works
5. Lighter than Air
6. Earths Energy
7. Flora and Fauna
8. Farming, Forestry, and Ferrous
9. We the people
10. Past, Present and Future
11. Ag Engineering

## Text and Required Supplies

1. iPad
2. Paper/pen and pencil
3. Laboratory Notebook and 3 prong folder
4. Course Fee payment (\$20-part of school fees) and FFA Dues payment (\$18-cash or check, paid to Mrs. Neff)

## Grading Policy

Grades are based on three areas each nine weeks:

**80% Classroom and Laboratory Performance**  
**10% Supervised Agricultural Experience Program (SAEs)**  
**10% Leadership Development (FFA)**

The following scale will be used:

90-100=A    80-89=B    70-79=C    60-69=D    0-59=F

Please keep in mind that grades are EARNED by you and are not given.

**Late work:** If work is not turned in by the due date, students will lose 10% each day it is not turned in. If a student habitually does not turn work in or work is late, they will receive an after school intervention program or receive a lunch detention.

**Make Up work (professional absence, 4 nonprofessional days per 9 weeks or field trips):** For each day that you are absent, you will have 1 day to complete the work. On your 5<sup>th</sup> non-professional day in a 9 weeks, you will receive a 0.

**Remember you CHOSE to take my class, so do the work when assigned.**

- **Classroom & Laboratory Grade**  
is based on grades from class assignments, quizzes, unit tests, laboratory, shop work, & participation in class activities.
- **Supervised Agricultural Experience Program (SAEs)**  
One project is required as part of the SAE program each year. These projects can include home improvement projects, job placement, ownership projects, exploratory projects or agriscience research. Each nine weeks a grade will be given based on SAE records.  
More information about SAE's and how to develop them will be given during class.
- **Leadership Involvement - FFA**  
FFA is a vital part of the agricultural education program. For you to earn your FFA grade, you must participate in 1 activity during the nine weeks. FFA Activities can be found in the classroom calendar or the AET Calendar. Refer to the FFA handbook for more information.

### FFA Expectations

There are many opportunities for students to be involved during the year in FFA. Students should have no problem participating in 1 activity per 9 weeks. Think of the FFA like a buffet- your enrollment in the agricultural education classes is the plate, it is up to you to fill your plate. Go to the buffet as many times as possible & fill your plate as high as possible. Members who chose to participate in more than the minimum will be recognized with a 1-2-3-4 or 5 Star Rating.

### FFA Fundraising

In order to fully operate, the FFA must raise money through fundraisers scheduled throughout the year. The main fundraiser that is being planned is: the traditional citrus sale in late fall. We will assist with FFA Alumni Fundraisers. Other sales will be added if necessary. Money raised through these fundraisers supports attendance at activities & events throughout the year.

### FFA membership

You must pay FFA dues (\$18 for the school year). If dues are not paid, this limits your involvement in FFA activities & events. Projects may be withheld as well. Any money earned through projects or fundraisers will be withheld

### Parent Member Banquet (MANDATORY)

Will be held April 20th. All students must be dressed appropriately (no jeans, dress up for an interview) & if available, wear official dress. You may purchase the FFA official jacket through the school. This is a MANDATORY event. *All students will be recognized.*