

# WHEELER HIGH SCHOOL COURSE EXPECTATIONS

*Agriscience I 2018-19*

*Mr. Shugrue*

*Room 206*

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## *Course Overview:*

This course provides instruction and experiences in the foundations of the various segments of the agricultural industry. Agricultural career opportunities will be explored. Natural resource management, animal science, plants, plant physiology, land science, crop science and agricultural will be the focus of the curriculum.

### *I. Overall Course goals*

1. Expose students to entry-level careers based on the emerging agriculture science and technology.
2. Provide laboratory experiences leading to the development of skills in aquaculture, animal and plant science technology, natural resources technology, and computer technology applications.
3. Develop those abilities needed to exercise and follow effective leadership in fulfillment of occupational, social and civic responsibilities in the world of the global economy.

Topics to be explored:

- Aquaculture
  - Components and function
  - Environmental Implications +/-
  - The future and opportunities
- Natural Resource Systems
  - Interrelationships between resources and humans characteristics
  - Cartography
  - Soil ecology
  - Biodiversity
  - GIS and mapping
  - Invasive species
  - Morphological
  - Processing of natural resources
- Plant systems
  - Land scape design
  - Art & Agriculture / Horticulture
  - Turf grass
- Animal Systems

### *II. Text / guides:*

Agriscience Fundamentals and applications 6<sup>th</sup> ed. By DeVere Burton

National Audubon Society – Field guide to trees Eastern Region

### III. *Material Required:*

- Three-ring binder
- Spiral bound note pad OR loose leaf for notes
- Outdoor clothing – suitable for getting dirty!
- Pen and pencil
- Daily agenda book (Wheeler provides)



### IV. *Class/Behavior Expectations:*

#### **Expectations:**

- **Always be on time and ready to learn.**
  - What does this mean?
  - ➔ You have all your materials with you each day.
  - ➔ On time and on point for each class.
    - 1<sup>st</sup> time you're late – warning
    - 2<sup>nd</sup> time – break detention
    - 3<sup>rd</sup> time - After school detention, and the loss of 1 point from your quarter participation average.
  - ➔ Homework is passed in at the **beginning** of class. (More HW details below.)
  - ➔ **Respect** is demonstrated and shared between students and teacher alike. This means we raise our hands as we create discussion; we listen to others, and do not criticize our classmates.

**The use of technology** (iPods, phones, laptops) is **prohibited** in this classroom *unless* directed by the instructor. All technology should be kept in lockers or backpacks. If used without permission, the technology will be confiscated and kept until the end of the period. Multiple offenses *will* result in teacher detentions and/or office blue slips.

- Missed class & missed assignments are **YOUR** responsibility to:
  - Find out what was missed in class.
  - What the homework assignment was.
  - Schedule time for extra help or clarification if need be.
- Plagiarism is simply unacceptable and will result in a zero for the assignment. This is a school wide rule. For more information: BOE Policy #5143, see pg. #4 in your planner.
- Lavatory and H<sub>2</sub>O fountain should not be abused – Signing out *no more* than twice a week.

#### **Lab / Field Expectations & Participation:**

- Food and drink are off limits the day of a lab.
- Specific instructions will be given the day of the lab.
- Designated safety equipment is to be worn throughout the duration of the lab – no exceptions.
- Manage your lab space and keep things neat; the lab runs smoother, your results will be more accurate *and* clean up is much easier.
- If materials are spilled or glass is broken, inform others to avoid injury and stay away. Contact the teacher immediately – Do not attempt to clean up until advised.

## Tips for Success:

- Don't be afraid to work hard.
- Be patient with yourself and others.
- If at any point you find yourself struggling to keep up and/or understand the material → do not hesitate to contact me to set up some time for extra help. The course material will build upon itself; small issues in September/October will become much larger by February/March.
- Be an **active participant** in the classroom. Our class will be discussion based, and your contributions are important in developing a rich learning environment.
  - a. Tune in & listen to what other people have say.
  - b. Be willing to ask questions.
  - c. Stop → Think → and Respond in a thoughtful & courteous manner.

## V. Grading Policy :

### Quarterly grades

#### Content performance → 80%

- Includes: Homework, Class work, Projects, Tests/quizzes, Notebook, Lab activities & reports.
- **Assignment of point values** will be determined using a point based system; the effort and time required to complete the assignment will decipher its point value.
- **Homework assignments are due at the beginning of class.**

What does this mean? If you need to run to your locker, print it off in the library, retrieve it from the office, or happen to find it in your bag by the end of class, etc.

– IF a pattern emerges consisting (but not limited to) any of the aforementioned situations **your HW will be considered late.**
- **Late assignments** will only be accepted 3 days after the due date
  - Example #1: Your lab is due Monday, Sept. 9<sup>th</sup> - the last day it will be accepted is Thursday, Sept. 12<sup>th</sup>
  - Each day an assignment is late 10% will be deducted from the assignments final grade.
- **Tests and Quizzes**
  - Tests are given at the end of a unit and are announced a week beforehand. Make-up tests are for excused absences *only*.
  - Projects will also be announced and will be equivalent to a test gradeQuizzes may be given about halfway through the unit – announced or unannounced.

#### • Participation → 20%

- Includes but is not limited to: Class and lab participation meaning your mental & physical involvement carried out in a thoughtful and respectful manner. Participate in class discussions, meeting class expectations, assisting other students in class activities, preparation for class. (RUBRIC ATTACHED)

#### • Semester 1 grades will be weighted as follows:

- Quarter 1 grade: 40%, Quarter 2 grade: 40%, Midterm Exam: 20%.

## VI. Teacher Availability for Extra Help (Day and Time):

P1 –	PLAN	Rm. 206
P2 –	Earth Space Science	Rm. 206
P3 –	Earth Space Science	Rm. 206
P4 –	Earth Space Science	Rm. 206
P5 –	Agriscience	Rm. 206
P6 –	Earth Space Science	Rm. 206
P7 –	SSC	Rm. 206

**\*I'm always available after school – Please contact me in person or via email ASAP so I can best help you. I will typically be available until 3pm.**

VII. Wheeler High School Academic Expectations met by this course:

**COLLABERATION**

Wheeler: Collaboration

Performance Indicators	Descriptor	Exceeding (4)	Attaining (3)	Emerging (2)	Beginning (1)
Awareness of Self	<i>Monitors and adjusts own behaviors in order to contribute to group success</i>				
Awareness of Others	<i>Works interdependently toward the achievement of group goals</i>				
Accountability	<i>Demonstrates awareness of social expectations and exhibits appropriate behavior</i>				
Application of Technology (if applicable)	<i>Understands the capabilities of technology in collaboration and demonstrates skill in its use when applicable</i>				

<b>Exceeding</b>	Went above and beyond the expectation	Work was completed independently	Y N
<b>Attaining</b>	Met the expectation		
<b>Emerging</b>	Approaching the expectation	Assessment at grade level	Y N
<b>Beginning</b>	Expectation yet to be attained		

# Rubric – Participation in class 5 point scale

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5 – points
<ul style="list-style-type: none"><li>• On time, has all materials needed for learning and note book is open to an appropriate place for taking notes.</li><li>• When class begins, paying attention to teacher.</li><li>• Contributing to the class with thoughtful, insightful questions, responses, while in whole class, group, or individual work.</li><li>• Head is up and no distractions are evident (phones, ipods etc.) for the <b>ENTIRE</b> duration of class.</li><li>• No distracting behavior or signs of listlessness.</li><li>• Listening intently to class discussion.</li><li>• All classwork is done to a high degree.</li><li>• Recognize and demonstrate the value of other people’s opinions.</li></ul>
4 – points
<ul style="list-style-type: none"><li>• On time and has all materials needed for learning.</li><li>• Notebook is open, but may not be in an appropriate place for learning.</li><li>• When class begins, paying attention to teacher.</li><li>• Contributing to the class with questions, responses, while in whole class, group, or individual work.</li><li>• Head is up and no distractions are evident (phones, ipods etc.).</li><li>• Little distracting behavior</li><li>• Listening to the conversations and taking notes but may need to be prompted.</li></ul>
3 – points
<ul style="list-style-type: none"><li>• On time has all materials needed for learning but does not have materials open for learning.</li><li>• When class begins, may not be fully paying attention to teacher.</li><li>• Contributes to class discussion only when forced to.</li><li>• Contributions may be surface or obvious.</li><li>• Some distraction or lack of attention is noted.</li><li>• Calls out and/or creates conversation not related to class discussion/material.</li><li>• Some distracting behavior or signs of complete boredom. <b>Periodically</b> accesses (Cell phones, ipod, etc.)</li><li>• Sometimes listening to conversations and taking notes, mostly when forced.</li><li>• Sometimes recognize other people’s opinions.</li></ul>
2 – points
<ul style="list-style-type: none"><li>• Not on time, has some materials needed for learning but does not have materials open for learning.</li><li>• When class begins, needs to be asked to pay attention.</li><li>• Little contribution to class, mostly surface or obvious answers.</li><li>• Demonstrates little desire to be in class and act as a thinking adult.</li><li>• Laziness is evident / choosing not to be an engaged learner</li><li>• Little if any notes are taken, and if so seem to have no organizational pattern.</li><li>• Little classwork expectations are met.</li><li>• Little recognition of other people’s opinions.</li></ul>
1 – None of the objectives are met.
0 – Same as 1
<ul style="list-style-type: none"><li>• Exhibits behaviors that are distracting to others. (calling out, joking around, holding sideline conversations)</li><li>• Is disrespectful to other students, or the teacher.</li></ul>