Principles of Agriculture, Food, and Natural Resources

Course Information: Principles of AFNR immerses students to develop knowledge and skills in Agriculture career opportunities, personal development, globalization, industry standards, details, practices and expectations. To prepare for success, students need to have opportunities to learn, reinforce, experience, apply and transfer their knowledge and skills in a variety of settings.

Instructor: Mr. Doug Klaudt, AFNR Teacher and FFA Advisor
Bachelor of Science in Education

Contact Information: Ben Barber Innovation Academy Phone Number: 681-314-1638
Email: dougklaudt@misdmail.org

Instructor’s Schedule:

<table>
<thead>
<tr>
<th>A Days</th>
<th>Block 1</th>
<th>7:00 a.m. – 10:00 a.m.</th>
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<tr>
<td></td>
<td>Forestry and Woodland Ecosystems</td>
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<td>TEKS §130.18</td>
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<td>Conference/Planning/Lunch</td>
<td>10:05 a.m. – 11:25 a.m.</td>
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<td>Block 2</td>
<td>11:30 a.m. – 2:30 p.m.</td>
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<td>Equine Science &amp; Small Animal Management</td>
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<td>TEKS §130.6 &amp; §130.8</td>
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<td>Principles of Agriculture, Food, and Natural Resources (TEKS 130.2)</td>
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Instructional Units:

A. Historical, Current, and Future Significance of Agriculture
B. Agricultural Leadership
C. Communication Skills
D. Supervised Agricultural Experience (SAE)
E. Plant Systems
F. Animal Systems
G. Food Products and Processing Systems
H. Safety, Health and Environment
I. Power and Structural Skills
J. Information Technology
K. Research Methods Used in Agriculture
L. Agriculture, Food, and Natural Resource Systems
M. Cultural Diversity
N. Employability Characteristics
O. Problem-solving

Grading Periods
1st – August 15 – September 27, 2018
2nd – October 1 – November 2, 2018
3rd – November 5 – December 20, 2018
Text, Readings, Materials: Textbooks, web page links for additional help in subject area, reading list, etc.
1) Google Classroom – web based
2) The Agricultural Experience Tracker (The AET) – web based
3) iCEV – web based
4) Guest speakers
5) Field Trips
6) Teacher prepared notes and handouts
7) YouTube – web based
8) Texas FFA website
9) National FFA website
10) Mansfield FFA website

Supplementary reading(s) – Include a reading list or outside materials that a parent can reference if the student needs additional help with difficult concepts. (See the list above.)

Materials/Supplies –
- Spiral notebook, 70 pages
- Pen/Pencil
- MISD issued Apple iPad mini
- Clothing/shoes appropriate for going and working outside required each class session.
- For shop days, long sleeve shirt, jeans without tears or frays, closed toe leather work boot/shoe (We will be working in the lab thru out the semester). Students not having the required clothing (PPE-Personal Protective Equipment) on shop days will not be allowed to operate equipment or participate in the activity for safety reasons. The student will receive an observation/participation grade of 25% for that day. Shop days will be communicated in advance.
- Additional materials/supplies may be required depending upon individual course requirements which will be identified by your Agricultural Science Teacher.
- A 1” three ring binder and tri-fold display board will be needed for the SAE (Supervised Agricultural Experience) presentations at the end of the semester

FFA Participation:
Students are strongly encouraged to join and participate in the Mansfield FFA chapter.

As illustrated by the diagram to the right, students in agriculture classes are engaged in a three-sector approach for maximum personal growth and development. Federal law requires students to have a Supervised Agricultural Experience project and document all aspects of the selected SAE as deemed appropriate by your instructor. Maximize your leadership potential by joining and participating in the premier youth organization.

Industry Certification/Credentials: Quality Counts Verification (Character Education)
http://agrilife.org/qualitycounts/
No cost for this credential.

Instructional Materials and Supplements:
1) Google Classroom – web based
2) The Agricultural Experience Tracker (The AET) – web based
3) iCEV – web based
4) Guest speakers
5) Field Trips
6) Texas FFA website
7) National FFA website
8) Mansfield FFA website

Course Calendar/Schedule: Please check your student’s Google Classroom account for assignments and other information.

Rights and Responsibilities
We each have rights in the classroom that allow the school to function effectively. In order to protect these rights, we also have specific responsibilities. Below is a basic list of the most important rights and responsibilities you have as a student.

Your success in this class, as well as your lifelong success will depend on developing self-discipline. Therefore, the Agricultural Science teachers have adopted the following classroom discipline plan, which is in effect at all times. Your responsible attitude in abiding by these rules will help insure your part in enriching the learning experience of everyone.

1. Be in your seat ready to learn on time.
2. Come to class prepared and dressed appropriately for the day’s activities.
3. Respect your fellow classmates and your teacher at all times with your words and actions.
4. Use classroom materials and supplies carefully and to keep them in good working condition. PUT MATERIALS AND TOOLS AWAY WHEN YOU FINISH USING THEM.
5. Your phone/iPad should be used to class activities only. DO NOT take pictures or video the instructor or any student to post online or in an app. You may take pictures/video of interesting classroom activities only with permission from your instructor.
6. Give your best effort possible on class activities.
7. The animals in the barn with care and respect at all times. Do not handle or change an animal’s environment if you are not absolutely sure of what you are doing. Report any change you made to Mr. Klaudt before you leave.

Reed-Stewart Agricultural Science Center Rules:
In addition to the classroom rules, there are specific rules that apply to the barn where the livestock is housed. The following rules are in place for both student and animal safety.

1. Loitering or other activities not directly related to the furtherance of students individual SAE project(s), or engagement in Mansfield FFA Chapter Sponsored activities will not be permitted at the RSASC. Violations of this may be cause for removal from the RSASC, including removal from the classes.
2. Fences and gates are not designed to hold extra weights. Climbing or sitting on them could cause them to break or to become inoperable.
3. General rule of Agriculture is, “If you open a gate, close it behind you. It the gate was open, leave it open.”
4. For your own safety, please refrain from going into closets, storage areas, animal pens, and offices.
5. No horseplay is allowed in the barn, greenhouse, or classrooms except by actual horses.
6. Animals in the Ag Center are owned by your fellow classmates. The animals are being trained for shows, please do not touch or harass any animal as this may hamper the students ability to train their animals.
7. Animals in the Ag Center are on specific diets. Do NOT feed any of the animals.
8. Park only in marked parking spaces. All MISD parking regulations apply at RSASC.
9. Drive responsibly! The speed limit is 15MPH. Carefully watch for people, animals, and equipment.

**Behavior and Consequences**

Failure to follow the classroom procedures, expectations and responsibilities will result in one or more of the following consequences depending on the severity of the incident:

1. A reminder of the expectation
2. Student/teacher conference
3. Parent/guardian phone call and/or conference
4. Office referral

Any violation that involves the mention of bodily harm or any other severely disruptive behavior will result in immediate administrative action. Any student who receives a referral during the year in Agricultural classes may not be eligible to attend any off-grounds field trips.

*NOTE: Extreme disruption will be cause for the student to be sent to the assistant principal immediately without going through steps 1-3.*

**Participation:**

Students are strongly encouraged to join and participate in the Mansfield FFA chapter. Current dues are $40, which includes a Mansfield FFA t-shirt.

Degrees, awards, leadership development, career development and scholarships are integrated into the FFA organization.

**Extra-curricular events/activities**

- Agricultural Skills Demonstration – Leadership Development Event (Fall Semester)
- Agricultural Mechanics Project Show competitions (Fall and Spring)
- FFA Leadership Opportunities (Mansfield FFA, District 7 – FFA, Area 5 – FFA, State FFA)
- Plant Identification competition (Spring Semester)
- Poster Competitions (Spring Semester)
- Public Speaking Competitions
- Career Development Events (Spring Semester)
- Proficiency Awards (Placement, Entrepreneurship, Combined and Agriscience Research)

**Grading policy:** All student work will be graded, including work done with a substitute teacher. Remember it is not the sub assigning the work, but your teacher. Full participation is expected for ALL activities. Most assignments are project-based learning and all project-based learning will be evaluated with a rubric throughout the steps of the project. Off task behavior and sitting on phone will result in points deducted or a zero if it is excessive.

**Posting Student Work:**

Student grades will be posted in Skyward parent portal within five business days for daily grades and major grades. Special consideration is given to major projects, including lengthy writing assignments.
MISD GRADING SYSTEM FOR GRADES 9-12

The district high schools use a weighted numerical grading system. *The following chart reflects the MISD grading system for grades 9-12:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Numerical Range</th>
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<tbody>
<tr>
<td>A</td>
<td>90-100</td>
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<tr>
<td>B</td>
<td>80-89</td>
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<tr>
<td>C</td>
<td>70-79</td>
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<tr>
<td>F</td>
<td>Below 70</td>
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An “Incomplete” (I) reflects incomplete student work and is not considered an academic grade.

*See MISD Board Policy EIC (LOCAL).

GRADING PRACTICES
Six weeks grades shall be obtained by averaging daily work (homework, class work, or daily/pop quizzes, MISD Curriculum Based Assessments, etc.) and major grades (tests, projects, lengthy assignments, etc). The exceptions include science classes which include grades for labs, English classes which include grades for writing assignments, and Foreign Language which include grades for speaking/listening. Daily assignments may count more than once, but no more than twice.

ELECTIVES
- 40% - Major Grades (tests, projects, lengthy assignments, etc.)
- 60% - Daily Work

NUMBER OF GRADES EACH SIX WEEKS
- Regular Classes: 8 grades minimum, with at least 2 grades in each grading category

SEMESTER GRADES
- Semester grades are computed by averaging the numerical grades recorded for each of the three six week reporting periods and the course semester exam.
  - All courses
    - First Six Weeks = 26%
    - Second Six Weeks = 27%
    - Third Six Weeks = 27%
    - Semester Exam (SAE) = 20%

- Course credit is awarded with a grade of 70 or higher. If a student fails either semester of any MISD yearlong course and passes the opposite semester with a high enough grade for an overall average of 70 for the full course, a full credit will be granted. In this situation, for averaging to occur, the courses must have been taken during the same school year and in consecutive semesters.

SEMESTER EXAMS
Agriculture classes do not have a semester exam in the classic sense. However, you will have a Supervised Agricultural Experience (SAE). Your SAE is a personalized experience for you to get the most out of your agricultural classes. SAE’s will be worked on in class, however, some time outside of class will be necessary to have a successful SAE. SAE’s are separated into four categories and each has specific requirements. The six SAE categories are entrepreneurship, exploratory (principles classes only), placement, research, improvement, and supplemental. All SAE’s will require four major outputs and several progress checks. The four main outputs are a project board, a presentation, a project binder, and a product. No credit will be given to an SAE lacking a genuine product and evidence of participation over the duration of the semester. Students will be trained on the different types of SAE’s, how to start and conduct their SAE. Some class time will be given to work on SAE’s, but work outside of class will be necessary.

Each semester, specific exam schedules are designated for MISD high school and dual credit courses. These schedules must be followed. Neither midterm nor final exams are given early. If a student is absent on the day of an exam he/she will take the exam at a date/time designated by the school.
LATE WORK
- Teacher designates due date and time for assignment (Beginning of class period, End of class period, designated time of day)
- If student fails to meet the due date and time, then the student has till the next class period (next A day or B day) to turn in assignment to be considered one day late.
- Students will be assessed a penalty of 30% points for up to one class period late.
- Score of a zero may be given for work turned in after one day late.

TEST RETAKES
- Students who fail a major test/assessment (below 70%) will be allowed to retake or correct up to a 70% grade. This does not include semester examinations.
- Students are expected to make arrangements with the teacher to retake or correct a major test/assessment.
- Students are encouraged to participate in tutoring opportunities before retaking a test.
- Each teacher will communicate routine requirements for retakes and corrections in his/her course syllabus.
- All retakes or corrections must be completed prior to the end of each six week grading period unless the student is afforded time, after the six week grading period, as a result of the district’s absent/make-up guidelines.

WEIGHTED CREDIT
Per MISD Board Policy EIC (LOCAL):
- The District uses a weighted numerical grading system. In calculating GPA, ten points (per semester) shall be added to a student’s average in Advanced Placement (AP), Pre-AP, Academic Decathlon, and courses considered to be District-approved college level dual credit courses. All other courses shall not receive weighted points for completion.
- No weighted credit point shall be added for grades lower than 70.
- Weighted grading shall be reflected in the student’s GPA and not numerically per course on either the student’s report card or transcript.

UIL ELIGIBILITY (“No Pass/No Play”)
- Semester grades are computed by averaging the numerical grades recorded for each of the three six week reporting periods.
- Each six week grading period will stand alone for eligibility purposes.
- A student who is declared academically ineligible after a six week grading period will be able to regain eligibility if all of the student’s grade averages are 70% or higher at the subsequent 3 week grade reporting period.
- See MISD Board Policy FM (LOCAL) – Exempt Courses.

Re-Take Policy: Students may redo any major assignment with the exception of the SAE, because it is the culminating project. Students may be given alternate assignments or requirements if redoing an assignment or project for credit. If students want to redo something for credit, please check with Mr. Klaudt before attempting to redo the assignment. Making up daily work for credit will not be allowed unless special circumstances exist.
- Students who fail a major test/assessment (below 70%) will be allowed to retake or correct up to a 70% grade. This does not include semester examinations.
● Students are expected to make arrangements with the teacher to retake or correct a major test/assessment.
● Students are encouraged to participate in tutoring opportunities before retaking a test.
● Each teacher will communicate routine requirements for retakes and corrections in his/her course syllabus.
● All retakes or corrections must be completed prior to the end of each six week grading period unless the student is afforded time, after the six week grading period, as a result of the district’s absent/make-up guidelines.

MAKEUP WORK (because of absence for any class missed)
● The teacher may assign the student makeup work based on the instructional objective for the subject or course and the needs of the individual student in mastering the essential knowledge and skills or in meeting subject or course requirements.
● A student will be responsible for obtaining and completing the makeup work in a satisfactory manner and within the time specified by the teacher. When absent, the student is afforded the number of days missed plus one additional day to turn in makeup work. [A/B Block Example: A student misses Monday and Tuesday of the week and he/she returns on Wednesday of that same week. Student work from Monday’s absence is considered late after Friday, and student work from Tuesday’s absent is considered late after the following Monday.]
● A student who does not make up assigned work within the time allotted by the teacher will receive a grade of zero for the assignment.
● A student is encouraged to speak with his/her teacher if the student knows of an absence ahead of time, including absences for extracurricular activities, so that the teacher and student may plan any work that can be completed before or shortly after the absence.
● A student will be permitted to make up tests and turn in projects due in any class missed because of absence. Teachers may assign a late penalty to any long term project in accordance with time lines approved by the principal and previously communicated to students.
● See UIL Eligibility (“No Pass/No Play”) guidelines for additional information related to grades and UIL Eligibility.

Attendance, lateness – First session classes are scheduled to start at 7:00a and end at 10:00a. I will begin class promptly at 7:05. After 7:05, you will be considered tardy if you are not in class ready to learn. Arrival after 7:20 is considered absent. Second session is scheduled to start at 11:25a and end at 2:25p. I will start teaching second session promptly at 11:30. After 11:30, students will be considered tardy. If a student arrives after 11:50, then he/she will be considered absent. Release for second session is 2:30. If you are tardy and I have already completed attendance, please write your name, the time, and a reason why you are late on a note and give it to me.

Class participation – Students are expected to participate in all classroom activities. Under no circumstances should a student be sitting doing nothing while playing on a phone. Persistent off-task behavior with the phone will constitute putting the phone in ‘time out’ during class. Students will occasionally be doing projects and activities in different areas of the barn. Students must stay on task and not break classroom or school rules at any time. Students are expected to respect all animals at the barn and if they see an animal that needs water or food to alert Mr. Klaudt. All gates should be closed at all times, even if you did not leave it open. Students will have project time most class periods. Students need to be prepared and bring in any
necessary supplies to use their project time well. All students taking an agriculture class are expected to log into their AET account at least weekly and update their journals. Periodic checks of the AET record book will be assessed.

**Lab safety/health** -- In a barn environment, there are many hazards. Students need to be careful and alert at all times. If you are injured in any way, please notify the instructor immediately and the injury will be treated to prevent infection. Animals carry germs and possibly disease so wash your hands before, during, and after class as necessary. Do not kiss or put an animal up to your face. If you handle an animal, wash your hands before you handle another animal. All tools, equipment, and class materials (including pens, pencils, paper) should be used carefully and not broken or wasted.

- In some courses these issues can literally be a matter of life or death. Even as detailed materials are handed out early in the course, the syllabus should include a short statement about the importance of these issues and indicate that more detailed information will follow.

**Academic dishonesty** – Academic dishonesty is always prohibited and will result in a loss of credit for the assignment. Repeat incidences will result in parent and administrator contact. Academic dishonesty includes, but is not limited to copying answers from a fellow student, texting out hints and answers to individual assignments, copying information from the internet in part or in whole. This includes all class work and major projects. Under no circumstances should information be copied and pasted into a presentation, major grade, or assignment.

**Academic dishonesty**
- Teachers determine what constitutes cheating and/or plagiarism.

**Consequences for academic dishonesty**

**Daily Work**
- Every Offense
  - Academic and Disciplinary Consequences
  - Assign grade of zero
  - Write a referral
  - Teacher contacts parents
  - Consequence from administrator would be a minimum of AC placement

**Exams or Other Major Assessments**
- Every Offense
  - Academic and Disciplinary Consequences
  - Assign grade of zero
  - Write a referral
  - Teacher contacts parents
  - Consequence from administrator would be a minimum of AC Placement
  - An alternative exam or major assessment can be completed for a maximum grade of 70%
  - Academic Associate is notified and will schedule a meeting with student, parent and teacher
Principles of Agriculture, Food and Natural Resources
Student and Parent/Guardian
Syllabus Verification Form

My signature verifies/confirms that I have read, understand and will follow the guidelines as set forth by my teacher, Ben Barber Innovation Academy, Mansfield ISD, and the state of Texas.

I understand that if these guidelines are not adhered to consequences will be issued.

Student’s printed name ____________________________  Student’s signature ____________________________

Date __________________________

Parent’s printed name ____________________________  Parent’s Signature ____________________________

Date __________________________

As a means of communication for events and major assignment deadlines, I use the phone app (GroupMe).

Please list names of parents/guardians/student that would like to added to this communication application for iPhones and Smart phones.

Name printed ____________________________  Cell phone ____________________________

Name printed ____________________________  Cell phone ____________________________

Name printed ____________________________  Cell phone ____________________________

Also, as a teacher and parent, please list any health concerns that you believe would be important for awareness regarding your student.

Allergies __________________________________________________________________________

Other medical concerns__________________________________________________________

Best time to call for student celebration news...

Time ____________________________ Name of Parent/Guardian ____________________________

Time ____________________________ Name of Parent/Guardian ____________________________

Other activities your student is participating or involved during the school year. (band, dance, athletics, work)

1. __________________________________________________________________________

2. __________________________________________________________________________

3. __________________________________________________________________________

List the top three accomplishments/involvement you hope to see from your student in this class. Examples: Improved public speaking skills, improved reasoning skills, self-confidence, career skills, involvement in Mansfield FFA (leadership, career development, scholarship, new friends, awards recognition, raise an animal project, project construction, tractor tech, Agri-Science Fair,)

1. __________________________________________________________________________

2. __________________________________________________________________________

3. __________________________________________________________________________

Please complete and return this page to Mr. Klaudt by August 21, 2018.