



# Horticulture



**Course Information:** Horticulture is a plant science course that covers topics related to production of bedding plants and trees. The goal of the class is to prepare students for careers in horticultural systems through attainment of academic knowledge and technical knowledge, and skills related to the workplace. This course is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. We will be working daily in the greenhouse and we will build and maintain flower/vegetable beds. **The Supervised Agricultural Experience for this course is a plant sale that is tentatively scheduled for April 25.**

**Teacher Information:** **Doug Klaudt** **Agscience Department**  
[dougklaudt@midmail.org](mailto:dougklaudt@midmail.org) Grades 9-12  
682-314-1638 (office)

**Text, Readings, Materials:** Agriculture classes are project based and use online resources instead of textbooks. The resources listed below are commonly used in class.

Resource	Website
iCEV	<a href="https://www.icevonline.com">https://www.icevonline.com</a>
The AET	<a href="https://theaet.com">https://theaet.com</a>
Texas FFA Website	<a href="https://www.texasffa.org/">https://www.texasffa.org/</a>
National FFA Website	<a href="https://www.ffa.org/">https://www.ffa.org/</a>
Mansfield FFA Website	<a href="https://mansfield.ffaow.org/default.aspx?ID=220">https://mansfield.ffaow.org/default.aspx?ID=220</a>

**Supplementary reading(s)** – Some websites that may contain helpful information pertaining to equine science. I frequent the following resources:

- <https://www.tnlaonline.org/>
- <http://aglifesciences.tamu.edu>
- <http://www.depts.ttu.edu/aged/>
- [http://www.tamuc.edu/academics/colleges/scienceEngineeringAgriculture/departments/agriculturalSciences/default.aspx,](http://www.tamuc.edu/academics/colleges/scienceEngineeringAgriculture/departments/agriculturalSciences/default.aspx)

**Materials** – You will need the following items in class everyday: a spiral, a pencil, and clothing/shoes appropriate for going outside every day.

## FFA -

The National FFA Organization is a vital part of the agriculture education classroom. The FFA is a national student organization that prepares members for premier leadership, personal growth, and career success. Your first step in the FFA journey is to join Mansfield FFA chapter. Meetings will be held the second Tuesday of each month unless otherwise noted. Check out more information about the FFA by scanning the QR Code.



**Classroom Expectations** – The following expectations should be followed at all times during class.

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. 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.**
8. **Shut off water** and ensure everything is in order in the greenhouse 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.** If 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.

#### **If a student chooses to break a rule the following will apply:**

1. Warnings, parents will be contacted.
2. In class consequences, I contact your parents again.
3. Consequences from teacher, possible out of class consequences.
4. Sent to the appropriate assistant principal.

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

**Instructional Units:** \*subject to adjustment, change, or elimination  
 \*not in order, many of the units will be covered simultaneously

**Unit 1:** Career Exploration in the Agricultural/Horticulture Industry/SAE

**Unit 2:** Plant Physiology

**Unit 3:** Horticulture Management

**Unit 4:** Principles and Elements of Horticulture Design

**Unit 5:** Fruit, Nut and Vegetable Production

**Unit 6:** Pests and Pesticide Safety

**Unit 7:** Marketing and Management in Horticulture- **PLANT SALE on April 25 in Mansfield**

**Unit 8:** SAE Showcase and clean up Greenhouse/clear out plants.

### **Grading Periods**

4<sup>th</sup> Six Weeks – January 8 – February 21, 2019

5<sup>th</sup> Six Weeks – February 24 – April 9, 2019

6<sup>th</sup> Six Weeks – April 13 – May 28, 2019

**Certifications:** No certifications are offered for this course at this time.

**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:**

<b>A</b>	<b>90-100</b>
<b>B</b>	<b>80-89</b>
<b>C</b>	<b>70-79</b>
<b>F</b>	<b>Below 70</b>

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 EXAM**

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. The Horticulture SAE's will be producing plants and hosting a plant sale during the annual Mansfield Earth Day Festival. Most of the SAE will be worked on in class, however, time outside of class will be necessary for the plant sale scheduled for April 25. Students will complete a project board and present their experience and what they learned at the end of the course. If a student is absent for the SAE showcase, he/she will need to present on a date scheduled with the instructor.

## **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. Klautdt. 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

# Horticulture Signature Page

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The unit of study I am most excited to participate in is: \_\_\_\_\_.

I (Parent name) \_\_\_\_\_, the parent of  
(Student's name) \_\_\_\_\_ have taken the time to read fully and go over the Horticulture syllabus with my child. I hereby understand and I agree with the content of the syllabus, and will hold my student accountable to abide by it. I agree that my child is completely responsible for conducting him/herself in accordance will all guidelines established by Mansfield ISD personnel. I accept full responsibility and will not hold Mansfield ISD personnel responsible in any way for any accident which might occur during the Horticulture class activities including injuries, scratches, or other hazards associated with working with plants indoors and outdoors. Further, I understand that Mansfield ISD is in no way legally liable for medical or hospital expenses, incurred by my child for injuries possibly sustained while participating in class. I do herby agree to hold the district harmless for any such expenses, should they be incurred.

I hereby grant permission for school employees to secure emergency medical services for my child named above if necessary.

Emergency Contact number: (            ) \_\_\_\_\_ - \_\_\_\_\_

Additional Contact number: (            ) \_\_\_\_\_ - \_\_\_\_\_

I (Student's name) \_\_\_\_\_, have taken the time to read fully and understand the syllabus for the Horticulture class. I hereby agree to follow the expectations outlined in the syllabus as well as classroom directives and guidelines.

Student name (Printed): \_\_\_\_\_ Date: \_\_\_\_\_

Student signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent name (Printed): \_\_\_\_\_ Date: \_\_\_\_\_

Parent signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Please complete and return this page to Mr. Klaudt by January 12, 2018.**

### Field Trip Permission Form

This class may require trips to the Ron Whitson Agriscience Center (RWSAC) or have field experiences around the city of Mansfield. On field trip days, students will report to class as normal, then we will board a bus as a class. Students will arrive back to Ben Barber before they are scheduled to go back to their home campus. By signing this part of the syllabus you are agreeing to allow your child to participate in class activities to be taught off campus. You will be notified prior to us going on a field experience. By denying, you consent to have your student to stay at Ben Barber with another teacher to work on an alternate assignment for class on those days.

Students Name (Printed): \_\_\_\_\_ Date: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Name (Printed): \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### Plant Handling Permission Form

This class requires frequent handling of plants and fertilizers. These will include bedding and crop plants. Students will be given the proper tools available to handle plants and chemicals safely and will be trained on how to use them. By signing, I consent my child to handle plants and chemicals in class and that I will not hold Mansfield ISD or Mansfield ISD personnel responsible for accidents that may happen while conducting class activities.

Students Name (Printed): \_\_\_\_\_ Date: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Name (Printed): \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

\*\* Additional Field Trip Forms will be required before each trip. Thank you.