

## **Advanced Disciplinary Science Imperial Agriculture Department**

Instructor: Ms. Stiff

Site: Imperial H.S.    Office: AG Dept. 760-355-3220 Ext. 22305

### **Course Description:**

This integrated class combines an interdisciplinary approach to laboratory science and research with agricultural management principles. Major units of instruction include agricultural research, soil science, advanced plant science, biotechnology, advanced animal science, genetics. Using skills and principles learned in the course, students design systems and experiments to solve agricultural management issues currently facing the industry. Additionally, students will connect the products created in this class with industry activities to link real world encounters and implement skills demanded by both colleges and careers. The course culminates with an agriscience experimental research project in which students design and conduct an experiment to solve a relevant issue. Final projects will be eligible for Career Development Event competition at FFA events. Throughout the course, students will be graded on participation in intra-curricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

### **DISCIPLINE**

Students are expected to act accordingly. Horseplay will not be tolerated. When class begins, students are expected to be prepared and have all necessary materials and assignments with them and in their assigned seat. Students will give their full attention and cooperation during class. Students caught cheating on a test or assignments will be given an automatic F and will not be able to retake that test or assignment.

### **ABSENT POLICY**

It is the student's responsibility to fill out an absent work form and turn it into the teacher. They will then be given that sheet with any work attached with due dates. Students are required to have the absent work sheet attached to their completed work and signed by a parent to inform you of their work and when it is due. Work must be made up within an equal amount of time they were absent or student will receive an "F" grade for the assignment. Exception are assignments/projects with due dates.

### **GRADING SCALE**

100% - 90% = A

89% - 80% = B

79% - 70% = C

69% - 60% = D

59% or less = F

### **ASSIGNMENTS: 50% of Grade**

The students will be given the following for assignments: projects, worksheets, webquests, labs, notebook checks, participation, etc.. All assignments will vary in points.

### **TESTS/QUIZZES: 25% of Grade**

All tests will be announced to the class prior to the day of the test. Quizzes may or may not be announced prior to the day of the quiz. All tests will vary in points and formats.

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**SAE: 15% of Grade**

Students will be required to maintain a record book in AET regarding their SAE project.

**FFA: 10% of Grade**

The FFA, formerly known as the Future Farmers of America, is a national organization founded in thousands of high schools across the United States. The goals of the organization are to develop premier leadership, personal growth, and career success. Your son/daughter automatically became a member of the National Organization when he/she enrolled in an agriculture class. There are numerous opportunities to participate both during the school year and after school in FFA activities. These activities will be given a point value that will be reflected in students' grades. **Students are required to participate in 6 activities a quarter.**

***EAGERNESS AND PARTICIPATION WILL POSITIVELY INFLUENCE YOUR GRADE!***

**By signing below you are acknowledging that you have read the policies of the class and will do your best to uphold them. If you have any questions about the policies of the class please do not hesitate to contact me at [lstiff@imperialusd.org](mailto:lstiff@imperialusd.org) or 760-355-3220 Ext. 22305.**

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Student Name

Student Signature

Date

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Parent Name

Parent Signature

Date