



**Sam Houston State University**  
**College of Science and Engineering Technology**  
**Department of Agricultural Sciences**



**COURSE SYLLABUS**  
**AGED 3320.01**  
**Interdisciplinary Agricultural Science and Technology**  
**3 HOURS**  
**Fall, 2017**

**LOCATION**

Room 210 B & C, Pirkle Engineering Technology Center

**SCHEDULE**

3:30 – 5:30 p.m., Tuesday & Thursday

**INSTRUCTOR**

Dr. Dwayne Pavelock  
Room 440L, Pirkle Engineering Technology Center  
Phone: 294-1186  
E-Mail: agr\_dxp@shsu.edu  
Office Hours: Open Door Policy or By Appointment

**COURSE DESCRIPTION**

This course is designed to develop competencies of agricultural science teachers to teach essential elements in agricultural business, agricultural mechanization, animal science, and horticulture and crop science.

*Pre-Requisites:* None

*Overview:* Most information will be disseminated through lecture, but group discussion will be required in addition to related individual and group activities that foster a greater understanding of the material. Exams will include short answer and essay questions. Projects will require written and/or computer composition and oral presentation.

**COURSE OBJECTIVES**

Upon completion of the course, students will be able to:

1. Discuss the history and philosophy of vocational and agricultural education;
2. List and explain federal and state laws and their effect on agricultural education;
3. List and justify the current agricultural science programs and explain their operation at the local and state levels;
4. Describe and demonstrate how to conduct and keep records of the supervised agricultural experience program;
5. Describe how to organize and conduct adult education programs;

6. Discuss the expectations of a community or school district relative to a successful Agriculture, Food, and Natural Resources (AFNR) program;
7. Define the importance of advisory committees for local AFNR programs and describe the procedures to follow in their organizations and utilization;
8. Discuss the requirements and types of supervised agricultural experience programs as they operate in Texas;
9. Discuss the FFA and explain its role in local AFNR programs, including goals and objectives;
10. Describe how to conduct the various FFA activities in AFNR programs;
11. List the various types of FFA events and describe how to prepare students for these events;
12. Describe the organization of the Texas Education Agency relating to agricultural education;
13. Outline the requirements for a degree and teaching certificate at Sam Houston State University [Including special certifications that are available];
14. Discuss current trends in education and agricultural education; and
15. Demonstrate the ability to develop plans for a total AFNR / FFA program.

### **TEXTS & RESOURCES**

Phipps, L. J., Osborne, E. W., Dyer, J. E., and Ball, A. L. (2008). *Handbook on Agricultural Education in Public Schools* (6<sup>th</sup> ed.). Clifton Park, NY: Thomson Delmar Learning.

Pavelock, D. (2017). *Course materials packet for AGED 3320*. Available from Eagle Graphics.

### **ATTENDANCE POLICY**

Students are expected to attend all class meetings. Classes will begin promptly at the designated time. If an emergency or other justifiable reason prevents a student from attending class, the instructor should be notified as soon as possible. However, an absence will still be assessed regardless of the reason. Each absence, late arrival and/or early departure will result in deductions from the student's overall points as follows:

Absence (per occurrence, after 3 <sup>rd</sup> absence)	Minus 15 points
Late Arrival or Early Departure (per occurrence)	Minus 5 points

### **ASSIGNMENTS & EXAMS**

Students will be expected to complete the requirements listed below:

1. One (1) résumé;
2. Three (3) examinations and a final examination, which will be comprehensive. Exams will include both short answer and essay questions. Missed and make-up exams are subject to being administered in an all-essay format;
3. Attendance and assistance at the Sam Houston District FFA LDEs or Southeast Ricebelt District LDEs or other APPROVED district LDEs;
4. Attendance and assistance at the State FFA LDEs;
5. One (1) agricultural education portfolio and oral report;
6. Reading assignments, various other assignments, and quizzes related to the current or previous class topic(s).
7. Punctual and regular attendance, involvement in class discussions and activities, and professionalism during class and related activities.

Assignments shall be typed, double-spaced, and follow APA guidelines unless specified otherwise. Assignments are expected to be mechanically correct in spelling, grammar, etc.

**GRADING PLAN**

The following are the point values of each course requirement:

<u>Assignment</u>	<u>Maximum Point Value</u>
Résumé	25 points
Examination #1	100 points
Examination #2	100 points
Attendance at one (1) District FFA LDE	25 points
Examination #3	100 points
Attendance at State FFA LDEs	25 points
Final Examination	150 points
Agricultural Education Portfolio & Oral Report	150 points
Reading Assignments, various other assignments, quizzes	50 points
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<b>TOTAL</b>	<b>725 points</b>

The following ranges of scores will be used to calculate the final grade:

725 – 660 pts. = A	(91%)
659 – 587 pts. = B	(81%)
586 – 515 pts. = C	(71%)
514 – 435 pts. = D	(60%)
Below 435 pts. = F	

**Late assignments will be assessed a 20% penalty for each calendar day they are late, regardless of the reason.** Assignments are considered late if they are not turned in at the start of class on the due date. If a student is absent on the day an assignment is due in class, it is due at the beginning of the next scheduled class day. **It is the student's responsibility to check with the instructor regarding possible missed assignments. Make-up exams for students with pre-approved absences are subject to being administered in an all-essay format.**

**ACADEMIC DISHONESTY**

All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.

**CLASSROOM RULES OF CONDUCT**

Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. **Cell phones must be turned off before class begins.** Text messaging and/or computer use for non-class reasons will severely affect a student's Participation and Professionalism grade! **Each occurrence of a student using a cell phone or computer during class will result in a 10-point grade deduction** from the overall points. Students are prohibited from eating in class, using tobacco products, making offensive remarks, reading newspapers or other materials not related to the course, sleeping, talking at inappropriate times, wearing inappropriate clothing, or engaging in any other form of distraction. Hats and caps shall not be worn in the classroom.

Inappropriate behavior in the classroom shall result in a directive to leave class. Students who are especially disruptive also may be reported to the Dean of Students for disciplinary action in accordance with university policy.

### **VISITORS IN THE CLASSROOM**

Unannounced visitors to class must present a current, official SHSU identification card to be permitted in the classroom. They must not present a disruption to the class by their attendance. If a visitor is not a registered student, it is the instructor's discretion whether or not the visitor will be allowed to remain in the classroom.

### **STUDENTS WITH DISABILITIES**

It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should register with the Office of Services for Students with Disabilities located in the Lee Drain Annex (telephone 936-294-3512, TDD 936-294-3786, and e-mail [disability@shsu.edu](mailto:disability@shsu.edu)). They should then make arrangements with their individual instructors so that appropriate strategies can be considered and helpful procedures can be developed to ensure that participation and achievement opportunities are not impaired.

SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then I encourage you to register with the SHSU Services for Students with Disabilities and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. NOTE: No accommodation can be made until you register with the Services for Students with Disabilities. For a complete listing of the university policy, see: <http://www.shsu.edu/dept/academic-affairs/documents/aps/students/811006.pdf>

### **RELIGIOUS HOLIDAYS**

An institution of higher education shall excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence. A student who plans to miss a class or required activity to observe a religious holy day should inform the instructor of all such days in writing not later than the 15<sup>th</sup> calendar day after the first day of the semester.

### **USE OF TOBACCO AND TOBACCO PRODUCTS:**

Sam Houston State University is a tobacco-free campus and all tobacco products are prohibited in all buildings and outdoor public areas on campus.

**TENTATIVE SCHEDULE**

THU	Aug 24	Course Introduction and Requirements
TUE	Aug 29	History, Philosophy and Scope of Agricultural Education ✓ <b>ASSIGN: Résumé (due September 12)</b>
THU	Aug 31	History, Philosophy and Scope of Agricultural Education (cont.) ✓ <b>ASSIGN: Agricultural Education Portfolio (Part I due October 27 and Part II due November 29)</b>
TUE	Sept 5	The Agricultural Education Program: National & State
THU	Sept 7	Guest Panel: Becoming an AFNR Teacher: What to Do While in College and During the First Year of Teaching
TUE	Sept 12	The Agricultural Education Program: Local ✓ <b>DUE: Résumé</b> ✓ <b>ASSIGN: Read Chapter 16</b>
THU	Sept 14	An Effective Instructional Program ✓ <b>DUE: Reading of Chapter 16</b> <i>End of information for Examination #1</i>
TUE	Sept 19	<b>Examination #1</b> ✓ <b>ASSIGN: Chapter 23</b>
THU	Sept 21	The FFA: National and State Structures ✓ <b>DUE: Reading of Chapter 23</b>
TUE	Sept 26	<b>Off-Campus Laboratory: Local AFNR Programs</b>
THU	Sept 28	The FFA: Local Structure ✓ <b>ASSIGN: Read Chapter 25</b>
TUE	Oct 3	An Effective FFA Program ✓ <b>DUE: Reading of Chapter 25</b>
THU	Oct 5	Advising Youth Organizations
TUE	Oct 10	Advising Youth Organizations (cont.) ✓ <b>ASSIGN: Reading of Chapter 26</b>
THU	Oct 12	Supervised Agricultural Experience Programs (SAEPs) ✓ <b>DUE: Reading of Chapter 26</b>
TUE	Oct 17	<b>Examination #2</b>
THU	Oct 19	Guest Panel: So You Think You Want to be an Ag Teacher
TUE	Oct 24	<b>Off-Campus Laboratory: Local AFNR Programs</b>

THU	Oct 26	Leadership Development Events (LDEs) <b><i>DUE: Agricultural Education Portfolio, Part I</i></b>
TUE	Oct. 31	Leadership Development Events (LDEs) (cont.)
THU	Nov 2	Career Development Events (CDEs)
TUE	Nov 7	Career Development Events (CDEs) (cont.) ✓ <b><i>ASSIGN: Read Chapter 24 (pp. 403-411)</i></b>
THU	Nov 9	<b><i>Off-Campus Laboratory – Sam Houston District LDEs; Madisonville</i></b>
TUE	Nov 14	Awards, Scholarships, Degrees & Other Recognition ✓ <b><i>DUE: Reading of Chapter 24 (pp. 403-411)</i></b> <i>End of Information for Examination #3</i>
THU	Nov 16	<b><i>Examination #3</i></b>
TUE	Nov 21	<b><i>DUE: Agricultural Education Portfolio (ALL groups)</i></b> <b><i>DUE: Agricultural Education Oral Report – Groups 1, 2, 3, 4, 5, 6</i></b>
THU	Nov 23	<b><i>No Class – Thanksgiving Holiday</i></b>
TUE	Nov 28	<b><i>Agricultural Education Oral Report – Groups 6, 7, 8, 9, 10, 11, 12</i></b> <i>Review for Final Examination</i>
THU	Nov 30	<b><i>Off-Campus Laboratory: Understanding Co-Curricular Activities</i></b>
FRI	Dec 1	<b><i>Attendance Required: State FFA LDEs (Noon – 8:00 p.m.)</i></b>
SAT	Dec 2	<b><i>Attendance Required: State FFA LDEs (7:00 a.m. – 4:00 p.m.)</i></b>
TUE	Dec 5	<b>Final Examination</b> <b>6:00 – 8:00 p.m.</b>