

UNIVERSITY OF IDAHO'S
AGED 452
Methods of Teaching Agriculture
Fall 2009



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Meeting Times in JML 42

Lecture: MW 1:30-2:20pm *Laboratory:* W 3:30 - 5:20pm

Course Description

This course focuses on the “procedures of identifying and selecting instructional methods and materials, planning, and student evaluation criteria to effectively teach agriculture.” Students will have the opportunity to present various lessons and lesson components through hands on laboratory experiences. (3 credits)

Objectives

Upon satisfactory completion of this course, students will be able to:

1. Plan for the organization of content within units and lessons.
2. Develop unit and lesson teaching plans.
3. Apply interest techniques to motivate students.
4. Apply strategies for active learning techniques in classroom settings.
5. Apply strategies to effectively lecture, discuss, and direct study in classroom settings.
6. Develop and teach lessons using various teaching approaches.
7. Utilize a variety of teaching strategies and methods that are appropriate for teaching agriculture in formal school settings.
8. Evaluate the use of various lessons and lesson components.

Suggested Textbooks & Readings:

McCormick, F. G., Jr. (1994). *The power of positive teaching*. Malabar, FL: Krieger Publishing Company.

Newcomb, L.H., McCracken, J.D., Warmbrod, J.R., & Whittington, M.S. (2004). *Methods of Teaching Agriculture (3rd ed.)*. Upper Saddle River, NJ: Pearson Education, Inc.

Talbert, B.; Vaughn, R.; Croom, D.; Lee, J. (2007). *Foundations of Agricultural Education (2nd ed.)*. Danville, IL: Professional Educators Publications, INC.

Supplemental readings may be assigned throughout the course.

COURSE EXPECTATIONS

Over this year, seniors will transition from students to agricultural education professionals. As such, each individual is expected to conduct themselves in a professional manner.

Attendance and Participation:

AgEd 452 relies heavily on discussions and other class activities. Therefore, your attendance and participation are critical to your success and that of other students. Students are expected to arrive for class on time, be prepared, actively participate in class interactions, and stay for the entire class period. As life sometimes gets in the way, there are obviously some valid exceptions to this expectation. In these instances, contact the instructor **PRIOR TO** class time; otherwise, your attendance and participation are firm expectations. Because student attendance and participation is crucial in this course, it will be reflected in grading.

Make-up Policy:

Students who miss class for any reason assume complete responsibility for all information missed. Students who miss class because of an officially approved absence are responsible for making up any missed assignments. Officially approved absences should be approved by the instructor prior to the absence. If an officially approved absence occurs on a date in which a course assignment is due, it is still the responsibility of the student to turn the assignment in on or before the assigned due date. Make-up microteachings **will not be allowed** unless previous arrangements have been made with the instructor. Make-up microteachings will be conducted during a future microteaching session, time permitting.

Classroom Behavior:

Appropriate behavior is expected. Appropriate behavior includes:

- Demonstrating respect for the instructor, other students, guest speakers, etc.
- Demonstrating cooperation and exhibiting a collegial attitude
- Removing your hat upon entering the classroom
- Refraining from using tobacco products in the classroom
- Turn cell phones and pagers off during class

Academic Honesty:

Maintaining academic honor and intellectual integrity is a core value at the University of Idaho. As such, students are expected to be honest in all of their academic endeavors and turn in their own work at all times. Any student caught cheating or turning in work that is not their own will receive a grade of "F" in this course.

Disability Support Services Reasonable Accommodations Statement:

Reasonable accommodations are available for students who have documented temporary or permanent disabilities. All accommodations must be approved through Disability Support Services located in the Idaho Commons Building, Room 306 in order to notify your instructor(s) as soon as possible regarding accommodation(s) needed for the course.

- 885-6307
- email at <dss@uidaho.edu>
- website at <www.access.uidaho.edu>

Students should present a completed and signed Accommodation Checklist for the current semester, from our office when requesting accommodations. Students should not present the checklist before or after class, if they do, request that they see you during your office hours. If they do not have a current checklist both completed and signed, please refer them to the Disability Support Services office (Idaho Commons, Room 306) to obtain one. If you have any questions regarding a student(s) with a disability(s), or how to best work with a particular student in class, please contact our office.

*This year we will have an excellent opportunity to **Learn BY Doing**... we will be teaching youth from the Latah County community about horticulture as we develop our teaching skills!! We will carefully plan out all 4 class meetings and share the workload. This could be a real highlight of your teacher preparation program!!! Below is the flyer language sent out to the community.*

NEW – ‘Da Green Thumb – Plants & Horticulture

The University of Idaho’s Department of Agricultural and Extension Education (AEE) and Moscow Parks and Recreation (MPR) are pairing-up to offer ‘Da Green Thumb class to junior high and senior high students. Students will learn about growing plants and basic horticulture skills. JML 42 from 3:30 – 5:20pm, September 23rd – October 14th.

COURSE SCHEDULE*

Week		Lecture (MW 1:30-2:20 pm)	Lab (W 3:30-5:20 pm)
1	8/24	Welcome – Identifying Concerns	Orientation, Syllabus, Principles of Teaching & Learning
	8/26	Teaching & Learning Process	
2	8/31	J.I.T.	Writing Objectives & Planning
	9/2	Lesson & Unit Plan	
3	9/7	NO CLASS – Memorial Day	Green Thumb (GT) preparation
	9/9	Interest Approach – Engaging Students	
4	9/14	Teaching Methods	Green Thumb (GT) Prep & Interest Approach/Warm Up (T)
	9/16	Active Learning Strategies	
5	9/21	Learning Styles/Multiple Intelligences	GT – A
	9/23	Check for Understanding	
6	9/28	Asking Questions	GT – B
	9/30	Great Closures	
7	10/5	Motivation –Issues & Explanations	GT – C
	10/7	Instructional Expectations & Motivational Strategies	
8	10/12	Communicating YOUR Expectations	GT – D
	10/14	Creating YOUR Classroom Environment	
9	10/19	Individualized Instruction	Unit & Lesson Planning for STE (Communicate with Cooperating Teacher)
	10/21	NO CLASS	
10	10/26	Integrating Core Areas into Classroom	Integrating Core Areas into Ag Instruction
	10/28	Designing Activities for Students	
11	11/2	Selecting Instructional Materials	Ag Science Round 1 (T)
	11/4	Resources and Curriculum	
12	11/9	Involving the Outside World	Ag Science Round 2 (T)
	11/11	Addressing Learners with Special Needs	
13	11/16	Problem Solving	Problem Solving
	11/18		
	11/23	FALL BREAK – BE <i>THANKFUL!!</i>	
14	11/30	Developing Teaching Tools	Ag Mech Round 1 (T)
	12/2	Assessment/Evaluation: Developing Rubrics	
15	12/7	Constructing Exams	Ag Mech Round 2 (T)
	12/9	Bringing it all together	
F	12/14	FINALS WEEK: Turn in one unit plan for upcoming Student Teaching by December 14 th . Hard Copy by Noon to Swan’s Office. Electronic Copy by Midnight as attachment.	

* These dates are tentative dates. The instructor reserves the right to revise the course schedule as needed. Any revisions to the course schedule will be announced in class and may or may not be communicated in writing.

GRADING

All assignments are due at the beginning of class on the due date. **Late assignments will not be accepted, unless there is a true life and death emergency.** Assignments will be graded on professionalism, spelling, grammar, completeness, and how well the objectives of the assignment were addressed. Unless otherwise stated, all assignments should be typed.

Course Assignments	Due Date	Points
Interest Approach	9/16	50
Green Thumb – Round 1	9/23	50
Green Thumb – Round 2	9/30	50
Green Thumb – Round 3	10/7	50
Green Thumb – Round 4	10/14	50
Ag Science – Round 1	11/4	50
Ag Science – Round 2	11/11	50
Ag Mech – Round 1	12/2	50
Ag Mech – Round 2	12/9	50
Lecture - Attendance and Participation (30 class meetings)	semester	300
Lab – Attendance and Participation (15 lab meetings)	semester	300
FINAL – Two Units	12/14	500
Total Points Possible		1550

Grades will be calculated based on points earned out of the 1550 total points possible AND will be assigned based on the following scale:

- A. = Above 1395
- B. = 1240 – 1394
- C. = 1085 – 1239
- D. = 930 – 1084
- F. = Below 930

DESCRIPTION OF COURSE ASSIGNMENTS

Interest Approach: Each student will develop and present an interest approach. The interest approach should be well developed, create a felt need, and be appropriate for a lesson in a secondary agricultural education program.

PowerPoint Presentation: Each student will develop an original PowerPoint that they plan to use in one of the lessons they are preparing throughout the semester. Presentations must follow the rules of effective presentations and include a variety of PowerPoint tools.

Microteaching Labs: Microteaching is probably the single most important part of your professional preparation. As part of AgEd 452 you will be presenting three microteaching lessons in addition to the interest approach microteaching. Your microteaching grade will reflect your preparation for teaching, classroom presence, instructional methods employed, and any audio/visual materials you utilize during the lesson. Attendance is mandatory for all microteaching laboratory sessions. As all microteachings are videotaped, students will be expected to operate the video camera on a rotational basis. Professional attire is expected for each microteaching laboratory presentation.

Microteaching Plans: You will be required to submit planning materials for each of your microteachings in advance. Teaching plans will follow the format agreed upon at the beginning of the AgEd 452. You will also be expected to submit any handouts, transparency masters, and/or presentation materials you plan to use in your presentation. All plans and materials you intend to use will be due 2 business days prior to the laboratory session.

Microteaching Revised Plans: After each microteaching session, strengths of each microteaching and areas for improvement will be discussed. Each student will complete a self-critique of their microteaching, visit with the instructor, and revise their planning materials based on their self-critique, "student" critique sheets, and instructor evaluation.

Unit and Lesson Plans: Each student will turn in complete plans and teaching materials for TWO units they will teach during their student teaching experience. This should include a unit plan, and lesson plans for the unit as well as any supplemental materials (tests, quizzes, PowerPoint presentations, handouts, note guides, projects, activities, etc.) that will be used during the unit. Students must select units that have multiple lessons and will take at least one week to complete.