AED 323
Resource Development: Agricultural Education

Course Description and Goals

The primary goal if the course is to prepare student teacher in utilizing the community resources in teaching. The course focuses on implementation of resources in teaching agriculture and environmental science programs. The course addresses the three integral components of an agricultural program: the classroom instruction, supervised agriculture experience programs and the FFA, leadership organization.

Instructor

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Entry Level Prerequisites

This course is recommended for graduate students interested in the pedagogy of classroom instruction, supervision of leadership organizations, and supervising students in a non-traditional setting. Students enrolling in this course should be student teaching. AED 323 is required for an Agricultural Specialist Credential from the California Commission on Teacher Credentialing.

Text

Required

Course Objectives

Upon completion of this course, students will:

1. Identify a list of 15 community organizations/resources that support agricultural and environmental education programs in California.
2. Develop 10 lesson plans that include a “community resource” or agricultural career opportunities into the course that you are teaching.

3. Integrate science curricula and standards through agricultural and environmental concepts

4. Identify 5 different ways and the steps to take, to get your students involved in the community.

5. Identify the 4 uses of technology in the classroom and in the community.

6. Draw a classroom-lab facility to scale with list of equipment found in both the classroom and lab.

7. Identify the steps for field trips (acquire the paper work and time line from your student teaching site)

8. Identify 5 resources to assist with leadership development activities and meetings

9. Identify 5 resources to assist with Supervised Agricultural Experiences

10. Identify 5 national resources that assist agricultural teachers

**Grading Procedure**

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<tr>
<th>FINAL GRAD DE DETERMINED BY PERCENT OF TOTAL POINTS</th>
<th>A+</th>
<th>B+</th>
<th>C+</th>
<th>D+</th>
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<tbody>
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<td></td>
<td>&gt;97%</td>
<td>87-89.9%</td>
<td>77-79.9%</td>
<td>67-69.9%</td>
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<tr>
<td>A</td>
<td>93-96.9%</td>
<td>83-86.9%</td>
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<td>A-</td>
<td>90-92.9%</td>
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<tr>
<th>Assignments</th>
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<table>
<thead>
<tr>
<th>Points</th>
<th>Assignment</th>
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<tbody>
<tr>
<td>50</td>
<td>List of Community Resources (Agriculture Industries, people, and supporters)</td>
</tr>
<tr>
<td>200</td>
<td>Lesson plans / 20 pts per lesson plan</td>
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<tr>
<td>50</td>
<td>Community involvement activities and steps / 10 point per activity</td>
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<tr>
<td>100</td>
<td>Technology use in the classroom</td>
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Martindale
<table>
<thead>
<tr>
<th>Score</th>
<th>Description</th>
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<tbody>
<tr>
<td>100</td>
<td>Classroom / Lab facility with equipment</td>
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<tr>
<td>50</td>
<td>Resources to assist in the development of leadership activities / 10 pts per resource</td>
</tr>
<tr>
<td>50</td>
<td>Resources to assist in the Supervised Agricultural Experience projects / 10 pts per resource</td>
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**Course Format**

1. Industry Tour  Monsanto (Agriculture Business/Plant Science)
2. Industry Tour  Superior Meats (Animal Science)
3. Industry Tour  California Endive (Agriculture Business Mgt)
4. Industry Tour  Sierra Lumber – Lumber (Natural Resources)
5. Industry Tour  UC Greenhouse Tour (Agriculture Mechanics/Plant Science/Environmental Science)
6. Using Technology in the Classroom – Jerry Delsol
7. Using Gadgets in the Classroom – Pioneer Staff
8. Engaging All Students – Modifying Lessons and Activities – Where to find the Resources
9. Utilizing Community Resources ~ Putting them all together to benefit the agriculture department ~ Sharing resources
10. Finding What YOU Need for the Classroom/FFA/SAE

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