

The University of Tennessee at Martin

Department of Agriculture and Natural Resources

Fall and Spring Semesters

Agricultural Education 770

Program Development for Agriculture Mechanics Instruction

Course Syllabus

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Course Overview: Agricultural mechanics has been and will continue to be an integral part of most high school agricultural education programs. Teachers of high school agriculture mechanics should maintain the skills and competencies necessary to be productive in that setting.

Course Description: Development of instruction and managerial competencies needed in conducting agricultural mechanics programs through an in-depth study of program components and activities related to each of the skill areas in the FFA program. Course format is independent study in areas of high school agricultural mechanics.

Course Objectives: A major independent project for agricultural educators in developing advanced agricultural mechanics curriculum and instructional materials as applied to high school agricultural mechanics programs and Career Development Skills Events in the FFA Organization. A study of various curriculum and instructional designs, development and organization of skills curriculum, analysis of current practices, investigation of timely problems and trends in agricultural mechanics, and an examination of various approaches to teaching agricultural mechanics. Students are required to meet with faculty member and present projects at terms' end.

Time Line:

- 1) Discuss with faculty member your project and approaches to activity.
- 2) Determine assignment and begin work.
- 3) Mid Term. Visit with faculty member about mid term progress.
- 4) Present final project to faculty member.