**BARTON COMMUNITY COLLEGE**

**COURSE SYLLABUS**

**SPRING 2008**

###### GENERAL COURSE INFORMATION

Course Number: AGRI1108

Course Title: Farm Crop Production

Credit Hours: 3

Division/Discipline: Workforce Training & Community-Agricultural Business Management

Course Description: A study of the basic farm crops in Kansas including resources and techniques used to produce these crops, as well as soil properties and plant processes basic to understanding cropping practices and systems.

###### CLASSROOM POLICY

Students and faculty of Barton Community College constitute a special community engaged in the process of education. The college assumes that its students and faculty will demonstrate a code of personal honor that is based upon courtesy, integrity, common sense, and respect for others both within and outside the classroom.

The College reserves the right to suspend a student for conduct that is detrimental to the College’s educational endeavors as outlined in the College Catalog.

Plagiarism on any academic endeavors at Barton Community College will not be tolerated. Learn the rules of, and avoid instances of, intentional or unintentional plagiarism.

Anyone seeking an accommodation under provisions of the Americans with Disabilities Act should notify Student Support Services.

1. **COURSE AS VIEWED IN TOTAL CURRICULUM**

This course is one in a series of vocational courses designed to prepare students for entry-level positions. Students planning to transfer credit for a baccalaureate degree will be granted transfer credit only as determined by the four-year institution.

This course is designed to increase the student's agronomy literacy and ability to evaluate written and oral statements concerning the agronomy area with emphasis on the crop production phase of farm and ranch management.

1. **ASSESSMENT OF STUDENT LEARNING/COURSE**

Barton Community college is committed to the assessment of student learning at to quality education. Assessment activities provide a means to develop an understanding of how students learn, what they know, and what they can do with their knowledge. Results from these various activities guide Barton as a learning college in finding ways to improve student learning.

This course intends to:

1. Describe the basic farm crops in Kansas
2. Identify and compare the resources and techniques used to produce these crops
3. Define soil properties and plant processes basic to understanding cropping practices and systems
4. COURSE COMPETENCIES

Upon completion of this course, the student should be able to:

1. Demonstrate knowledge of current and future crop production practices.
2. Understand the economic importance of crop production in the United States and the world.
3. Calculate and make appropriate decisions regarding fertilizer and pesticide rates.
4. Demonstrate sustainable agriculture practices.
5. Calibrate sprayers, planters, and tillage equipment by using a technical manual.
6. Identify common insects, diseases, weeds and pests in the major crops grown in Kansas.
7. Compare and contrast the production practices of various crops grown in Kansas.
8. Collect, analyze, and interpret soil tests.
9. Identify conservation and crop improvement practices for sample farms.
10. Calculate irrigation rates and water conservation plans.
11. Analyze storage options and marketing strategies.
12. **INSTRUCTOR EXPECTATIONS OF STUDENTS IN CLASS**
13. **TEXTBOOK AND OTHER REQUIRED MATERIALS**

###### REFERENCES

###### METHODS OF EVALUATION

1. **ATTENDANCE REQUIREMENTS**
2. **COURSE OUTLINE**

##### SYLLABUS ADDENDUM

Course Number: AGRI 1108

Course Title: Farm Crop Production

Instructor: Stephen L. Pottorff

Academic Term: Spring 2008

# **ADDENDUM TO SECTION III**

##### Course Transferability to Regent Universities

**AGRI 1108** at Barton is equivalent to:

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| INSTITUTION | EQUIVALENT COURSE(s) a | SOURCE(s) OF INFORMATION b |
| Emporia State University | Elective credit | ESU website |
| Fort Hays State University | Elective credit | FHSU website |
| Kansas State University | Elective credit | KSU website |
| Pittsburg State University | Elective credit | PSU website |
| University of Kansas |  |  |
| Wichita State U. |  |  |