

Cotton, Peanut, and Tobacco Production Systems (CS 590B/795B)

Summer, 2008

Class Syllabus

Instructors:

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Office hours: by appointment

Location: Arranged

Time: Arranged

Dates: Arranged

Credit hours: 3

Catalog Description:

Cotton, Peanut, and Tobacco Production Systems. The course will include major principles of production, pest management, and marketing of cotton, peanuts, and tobacco with emphasis on North Carolina. The course will meet for six, one day sessions with two days devoted to each commodity. Current plans are to meet for three days in late May and early June and three days in mid to late July and early August. The course will be offered for credit only.

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

1. Describe marketing arrangements, market type peanuts, and geographical production regions of cotton, peanut, and tobacco grown in North Carolina, the United States and worldwide.
2. Describe the major anatomical and physiological characteristics of cotton, peanut, and tobacco.
3. Develop a thorough understanding of the importance of variety selection, fertility requirements, crop rotations, and stand establishment for cotton, peanut, and tobacco.
4. Identify key insect, weed, and disease pests of cotton, peanut, and tobacco and explain management practices used to minimize the impact of these pests.
5. Utilize all decision support systems, risk advisories, and extension publications to develop appropriate production and pest management practices for cotton, peanut, and tobacco.
6. Explain principles associated with digging, harvesting, drying and storing of cotton, peanut, and tobacco.
7. Determine how market grade factors are evaluated and their impact of the peanut industry with respect to how cotton, peanut, and tobacco should be managed at the farm level.

Class Schedule:

The following crops will be discussed in the order listed below. Classes will include some lecture but will mostly comprise viewing research facilities or visiting farming operations.

-Tobacco, late May

-Peanut, early June

-Cotton, mid June

-Tobacco, mid July

-Cotton, late July

-Peanut, early August

Prerequisites: none

Grading Scheme: credit only

Attendance: No unexcused absences will be allowed. One excused absence will be allowed.

For a complete explanation of the University Attendance policy, students should refer to the web site http://www.ncsu.edu/policies/academic_affairs/pols_regs/REG205.00.4.php .

Academic Integrity: Students are expected to comply with University policies concerning academic honesty. Violations of academic integrity such as cheating, plagiarism, or giving unauthorized help to others will not be tolerated and will be dealt with according to the NCSU Code of Student Conduct which can be found at http://www.ncsu.edu/policies/student_services/student_discipline/POL11.35.1.php .

Field Trips and Special Fees: Students will be required to arrange their own transportation to research station and/or on-farm locations in the piedmont and coastal plain of North Carolina.

Texts, Dates, and Prices: Cooperative Extension resources will be provided free of charge. Additional handouts and other written resources will be provided by the instructor.

Disability Services:

We especially wish to accommodate students with special needs. Please let us know if you would benefit from the services which are available (including van service to/from class, meals delivered to dorm rooms, tutorials, keys to campus elevators, etc). If a learning disability exists, please contact DDS at 515-7623 (voice)/ 515-8830 (TTY) and your instructor in this course. The website address is as follows:

http://www.ncsu.edu/provost/hat/current/appendix/appen_k.html