AGR 539 COURSE SYLLABUS

Course Name: AGR 539 Web Based

Course Title: Advanced Computer Applications in Agriculture

Credits: 3 Credit Hours

Catalog Description:

An intensive course designed to enhance the computer skills of agriculture and industry students and to give them the skills necessary to generate useful information and solve a variety of agriculturally specific problems. Students receive instruction on advanced word processing concepts, budget generation, statistical analysis, agribusiness related software, and global positioning systems in agriculture. Students may also elect to complete components that are more closely aligned to their discipline at the discretion of the instructor.

Purpose:

To increase the breadth and depth of students' computer knowledge and proficiency, especially as these skills relate to analysis and problem solving.

Course Objectives:

As a Result of Participation in This Course:

1) Students will develop an advanced understanding of agricultural computer technology, functions and applications.
2) Students will develop new skills in using software applications for decision making with respect to agribusiness, animal science, plant science, agricultural education, and closely aligned industries.

Field, Clinical and/or Laboratory Experiences:

As this course is primary student driven, each student will undertake the responsibility to generate ideas and resources for their assignments, however consultation with the instructor is available.

Resources and Computer Requirements:

For completion of this course the student should have, or have availability to the following computer equipment and software:

Computer
Microsoft Word, Excel and PowerPoint
Email
Access to estudy.com via the internet
Grading Procedures:

Exercise 1: Student Information Sheet (5 Points)
Exercise 2: Microsoft Word - Cover Letter & Resume/References (10 Points)
Exercise 3: Microsoft Excel – Functions (10 Points)
Exercise 4: Microsoft Excel – Charts in Excel (15 Points)
Exercise 5: Online Citation – Citation Program (5 Points)
Exercise 6: PowerPoint – PowerPoint Presentations (20 Points)
Exercise 7: Computers – Pricing Computers & Equipment (5 Points)
Exercise 8: Personal Domain Names (5 Points)

MIDTERM (100 Points)
Exercise 9: Research/Sales/Product Poster Presentations (15 Points)
Exercise 10: Using Excel for Statistics (5 Points)
Exercise 11: Data for Research Tabulations (5 Points)
Exercise 12: Using Google Earth (5 Points)

FINAL PROJECT (100 Points)

Letter Grades Will Be Assigned As Follows:

A 90%, B 80%, C 70%, D 60%, E 50% or less

Academic Honesty Policy:

Murray State University takes seriously its moral and educational obligation to maintain high standards of academic honesty and ethical behavior. Instructors are expected to evaluate students’ academic achievements accurately, as well as ascertain that work submitted by students is authentic and the result of their own efforts, and consistent with established academic standards. Students are obligated to respect and abide by the basic standards of personal and professional integrity.

Violations of Academic Honesty include:

Cheating - Intentionally using or attempting to use unauthorized information such as books, notes, study aids, or other electronic, online, or digital devices in any academic exercise; as well as unauthorized communication of information by any means to or from others during any academic exercise.
Fabrication and Falsification - Intentional alteration or invention of any information or citation in an academic exercise. Falsification involves changing information whereas fabrication involves inventing or counterfeiting information.

Multiple Submission - The submission of substantial portions of the same academic work, including oral reports, for credit more than once without authorization from the instructor.

Plagiarism - Intentionally or knowingly representing the words, ideas, creative work, or data of someone else as one’s own in any academic exercise, without due and proper acknowledgement.

Instructors should outline their expectations that may go beyond the scope of this policy at the beginning of each course and identify such expectations and restrictions in the course syllabus. When an instructor receives evidence, either directly or indirectly, of academic dishonesty, he or she should investigate the instance. The faculty member should then take appropriate disciplinary action.

Disciplinary action may include, but is not limited to the following:

1) Requiring the student(s) to repeat the exercise or do additional related exercise(s).

2) Lowering the grade or failing the student(s) on the particular exercise(s) involved.

3) Lowering the grade or failing the student(s) in the course.

If the disciplinary action results in the awarding of a grade of E in the course, the student(s) may not drop the course.

Faculty reserve the right to invalidate any exercise or other evaluative measures if substantial evidence exists that the integrity of the exercise has been compromised. Faculty also reserve the right to document in the course syllabi further academic honesty policy elements related to the individual disciplines.

A student may appeal the decision of the faculty member with the department chair in writing within five working days. Note: If, at any point in this process, the student alleges that actions have taken place that may be in violation of the Murray State University Non-Discrimination Statement, this process must be suspended and the matter be directed to the Office of Equal Opportunity. Any appeal will be forwarded to the appropriate university committee as determined by the Provost.

NOTE: The Hutson School of Agriculture Faculty have adopted and implemented an Academic Honesty Policy in addition to the University Academic Honesty Policy. The policy sets guidelines regarding acts of dishonesty and the procedure to follow should an event occur. It is each Agriculture student’s responsibility to obtain and read a copy of this document. The School’s Academic Honesty Policy can be obtained by asking for a copy from any Agriculture Faculty member or the Secretary.

Text and References:

The student may use any reference book in completing the applications. These may be obtained in just about any bookstore.

Prerequisites:
AGR 339 Computer Applications in Agriculture or by permission of the instructor.

**Statement of Affirmative Action and Equal Opportunity:**

Murray State University endorses the intent of all federal and state laws created to prohibit discrimination. Murray State University does not discriminate on the basis of race, color, national origin, gender, sexual orientation, religion, age, veteran status, or disability in employment, admissions, or the provision of services and provides, upon request, reasonable accommodation including auxiliary aids and services necessary to afford individuals with disabilities equal access to participate in all programs and activities. For more information, contact Sabrina Y. Dial, Director of Equal Opportunity, Murray State University, 103 Wells Hall, Murray, KY 42071-3318. Telephone: 270-809-3155 (voice), 270-809-3361 (TDD).