

**WAYNE COMMUNITY COLLEGE**  
***AGR 110-01 Agricultural Economics***  
***Spring 2005***  
***M W F Magnolia 223 11:00 – 11:50 a.m.***

**Instructor Information**

Instructor: Faye Best  
Office Location: Azalea 306  
Telephone Numbers: 919-735-5151 extension 340  
Office Hours: MWF 12:00 – 1:00, TTH 8:00 – 9:00  
E-Mail Address: fbest@waynecc.edu  
FAX Number: 919-731-2009

**Course Description (CCL)**

AGR 110 Agricultural Economics      3 Cl. Hrs.      0 Lab Hrs.      3 Sem. Credit Hrs.  
This course provides an introduction to basic economic principles in agriculture. Topics include supply and demand, role of agriculture in the economy, economic systems, and micro- and macroeconomics. Upon completion, students should be able to explain economic systems, interpret supply and demand curves, and complete cost and revenue production schedules.

**Prerequisite(s)**

None

**Co-requisite(s)**

None

**Program Learning Outcomes**

**Agribusiness Technology Program Learning Outcomes**

Upon successful completion of the Agribusiness Technology program of study the student will be able to:

- Demonstrate a fundamental understanding of practical principles of organization, management, economics, accounting, marketing and laws as they pertain to agricultural business and apply these principles in agricultural production
- Apply fundamental principles of livestock production practices, proper pesticide use and handling, basic life science concepts, and water quality as they relate to the agricultural industry
- Identify various soil and weed types and apply principles of such to make recommendations regarding nutrient management of soil and methods of weed control
- Demonstrate the ability to perform calculations, use communication skills, and apply personal computer skills to the agricultural industry
- Demonstrate a fundamental understanding of the humanities and social sciences as they relate locally, regionally, and globally,

**Forest Management Program Learning Outcomes**

- Students will demonstrate knowledge of and be evaluated on their ability to perform essential practices in developing, conserving, and utilizing sustainable forest resources.

- Graduates will be required to demonstrate competency in both classroom knowledge and field practices relating to their area of study.
- Students will calculate and analyze data and apply the results to common forest management problems.
- Graduates will demonstrate competency in the following areas of study: Dendrology, Forest Safety and Woodsmanship, Soil Science, Forest Mensuration, Silviculture, GPS and GIS Technology, Forest Environmental Studies, Logging and Marketing, Forest Equipment Operation, Aerial Photography and Remote Sensing, Forest Surveying, Fire Control, Prescribed Fire, Forest Insects, Forest Tree Diseases, Chemical Application, and Wildlife Management.
- Graduates will be able to cite specific sustainable forest management issues on a regional, national, and global level.
- Graduates will recognize the history of forestry in this country and future trends in the field.
- Students will be assessed on their ability to perform independent and team oriented tasks.

### **Livestock and Poultry Technology Program Learning Outcomes**

The Livestock and Poultry Technology curriculum is designed to prepare students for careers in the production, processing, and distribution of livestock and poultry and their products according to scientific principles essential to efficient and profitable operation.

Students enrolled in this program will:

- Learn skills necessary to operate efficient and profitable livestock enterprises.
- Identify proper production practices, good animal health, proper animal nutrition, good reproduction and management practices.
- Demonstrate the ability to perform calculations needed in the field, use good communication skills and apply personal computer skills to the agriculture industry.
- Demonstrate a fundamental understanding of the humanities and social sciences as they relate locally, regionally and globally.
- Utilize positive interpersonal skills to interact with individuals from diverse groups.
- Utilize principles of critical thinking to analyze problems that occur in the field and make logical decisions as managers to correct them.

### **Turfgrass Management Technology Program Learning Outcomes**

Upon successful completion of the Turfgrass Management program of study the student will be able to:

- Identify turfgrass species through characteristics and reproductive stages and develop both establishment and maintenance plans for high quality turfgrass.
- Identify various soil and weed types and apply principles to make recommendations regarding nutrient management of soil and methods of weed control
- Demonstrate the ability to perform calculations, use communication skills, and apply personal computer skills to the agricultural industry

- Demonstrate a fundamental understanding of the humanities and social sciences as they relate locally, regionally, and globally,
- Complete a functional design for a turfgrass irrigation system.
- Operate and maintain turfgrass management equipment.
- Identify turfgrass pests, select the proper pesticide, develop pest control program and use integrated pest management.

### **Course Learning Outcomes**

The student will display competency by demonstrating the ability to explain economic systems, interpret supply and demand curves, and complete cost and revenue production schedules.

### **Required Textbook(s)**

Macroeconomics, Principles and Tools, by O'Sullivan and Sheffrin, Third Edition, published by Prentice Hall, ISBN: 0-13-035811-8

### **Other Required Materials/Software**

Note paper, calculator

### **Learning/Teaching Methods**

Assigned readings, lectures, student discussions, presentation of supplemental information, Internet assignments, video clips, and individual projects

### **Course Requirements / Methods of Evaluation**

To demonstrate attainment of learning outcomes for AGR 110, the student must achieve an overall average of 70.

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|----------------------|--------------|
| 1. Ten Tests         | 90% of grade |
| 2. Final Examination | 10% of grade |

The Final Examination for AGR 110 will be administered on Friday, May 6th from 10:00 a.m. – 11:50 a.m.

### **Grading Policy/Criteria**

The following ten-point grading scale will be used by the department.

100 – 90 = A  
 89 – 80 = B  
 79 – 70 = C  
 69 - 60 = D  
 Below 60 = F

This course will be taught as a hybrid course, with all testing being conducted using the Blackboard platform. All tests will be administered on line. Prior proper instructions will be given on the testing process to insure that all students understand and are comfortable with this testing procedure. A window of time for each test will be announced in class in advance. Any test not taken within the designated time period will be recorded as a grade of "0".

### **Academic Integrity Statement**

See following link for the Academic Integrity Policy:

[http://www.waynecc.edu/catalog/hb\\_html/studrights.htm](http://www.waynecc.edu/catalog/hb_html/studrights.htm) Any student caught violating the WCC Code of

Student Academic Integrity Policy, (i.e., cheating, plagiarizing, or other dishonorable acts), in academic work is subject to disciplinary action.

### **Students with Disabilities**

WCC is committed to seeing that students with disabilities have equal access to and participation in all programs of study. For further explanation, please note the Students with Disabilities policy in the WCC catalog <http://www.waynecc.edu/catalog/studentlife.htm>, or the Student Handbook <http://www.waynecc.edu/studserv/disability/index.htm>.

Students with disabilities can contact the Disability Coordinator, Mrs. Caroline Smith, in the Student Development office, Room WLC 115, or at 919-735-5152, extension 223 or at [csmith@waynecc.edu](mailto:csmith@waynecc.edu).

### **Non-Discriminatory Statement**

Wayne Community College is committed to a policy of providing educational opportunities to all students regardless of economic or social status, beliefs, sexual orientation, national origin, or physical or mental disability.

<http://www.waynecc.edu/catalog/cataloginfo.htm>

### **Student Attendance Policy**

Wayne Community College expects students to gain skills, competencies, and an awareness of a workplace ethic which emphasizes responsibility and commitment.

The College believes students demonstrate responsibility for and commitment to their educational goals through regular attendance; therefore, students must attend 80% of the total hours of any class to receive a passing grade. Instructors will excuse no absences under this policy. Students must be present in at least one class during the first ten percent (10%) of the class in order to be considered enrolled in the class.

Students who miss more than 20% of the class meetings before the last date for dropping a course will receive a grade of "W". After the last date to drop, instructors will assign the grade of "WF."

Instructors expect students to make up missed work, but students cannot make up absences.

Class structure should emphasize and support a workplace ethic. Therefore, students are responsible for being in class and ready to begin at the appointed time. A student will be considered tardy if they are not present when the roll is called. Three tardies equals one absence.

Attendance policy link for the college catalog and student handbook:

[http://www.waynecc.edu/catalog/academic\\_regulations\\_p1.htm](http://www.waynecc.edu/catalog/academic_regulations_p1.htm)

### **Additional Information From the Instructor/Miscellaneous**

#### **Phones/Pagers/Beepers**

Cell phones, beepers, and walkie-talkies cause unnecessary disruption to the learning/teaching process in the classroom, lab or library setting. Out of courtesy to others, all systems of communication should be in quiet position during instructional, lab or library time.

#### **Food/Drinks/Tobacco**

No food, drinks, or tobacco products/use will be allowed in the classroom.

## **Closure of the College Due to Adverse Weather and Other Conditions**

When inclement weather threatens, the President of the college or his designee will make any necessary decisions to cancel classes, delay classes, or totally close the college and all its operations. The decision will be announced on area radio and television stations. Every attempt will be made to have the announcement aired by 6:00 a.m. on the day of the closing or delay. If the college is already operating when inclement weather forces such a decision, the secretaries' hotline and college-wide e-mail will be used, as well as public media, to announce the decision.

Decisions regarding closings and delays will be made on a day-to-day basis, taking into consideration local conditions as well as weather forecasts. Often, decisions about evening classes are made independently. In those cases, every attempt is made to notify the media by 3:30 p.m. If the main campus is closed, all off campus sites are closed with the possible exception of SJAFB and WCC Preschool. Status for SJAFB classes will be determined in conjunction with the Base Education Office.

If classes are delayed, the announcement will state the time the college will open. In times of inclement weather, radio and television stations will normally only make announcements about delays or cancellations. Therefore, the absence of an announcement means that the college is operating on an normal schedule.

As soon as practical after the closing, the administrative council will meet to determine the method(s) for making up classes. The basis for this decision will be numbered memo CC-98-267, which outlines procedures for delivery of instructional services. The decision of the administrative council will be communicated to faculty, staff and students. Inclement weather policy link from the college catalog: [http://www.waynecc.edu/catalog/academic\\_regulations\\_p1.htm#closure](http://www.waynecc.edu/catalog/academic_regulations_p1.htm#closure)

## **Course Outline**

- Part 1: Introduction: What Is Economics?
- Part 2: Key Principles of Economics
- Part 3: Markets and Government in a Global Economy
- Part 4: Supply, Demand, and Market Equilibrium
- Part 5: Measuring a Nation's Production and Income
- Part 6: Unemployment and Inflation
- Part 7: Classical Economics
- Part 8: Why Do Economies Grow
- Part 9: Aggregate Demand and Aggregate Supply
- Part 10: Keynesian Economics and Fiscal Policy