

# Agriculture Education

Instructor Kelly Piatt

Instructor Brett Piatt

Classes Offered

Fall 2006

# Classes Offered

- Agriscience
- Greenhouse Management (Articulation Course)
- Livestock Management  
(Articulation Course)
- Forestry
- Wildlife Management
- Ag. Leadership
- Agricultural Mechanics
- Ag. Power & Equipment

# Agriscience

- 1 Credit Course
- 9<sup>th</sup> or 10th Grade Students
- Elective or life science credit
- FFA Career Development Events
  - Public Speaking, Ag. Mechanics

# Agriscience

- Students engage in science principles with an ag. base.
  - Tennessee's Ag. Economy
  - Wildlife & natural resources
  - Animal science
  - Plant science
  - biotechnology
  - genetics
  - Electrical energy

# Livestock Management

- 1 Credit Course
- 10th, 11th, 12th Grade Students
- Articulation Credit through Jackson State Community College
- FFA Career Development Events
  - Dairy, livestock and Horse judging CDE

# Livestock Management

- Students evaluate various aspects of the livestock industry.
  - Cattle, swine, sheep, goats, poultry & horses
  - Livestock by-products
  - Livestock facilities
  - Herd health
  - Genetics and breeding
  - Nutrition and ration formulation

# Ag. leadership

- 1 Credit Course
- 12th Grade Students
- Historically for area concentrators

# Ag. leadership

- Students examine effective leadership.
  - Organizational leadership
  - Relationship skills & value systems
  - communication
  - careers
  - Public speaking
  - Reflection & goal setting
  - Basic economics

# Greenhouse Management

- 1 Credit Course
- 10th, 11th, 12th Grade Students
- Articulation Credit through Jackson State Community College
- FFA Career Development Events
  - Floriculture and Nursery CDE

# Greenhouse Management

- Students get the opportunity to get hands-on experience in the greenhouse industry.
  - Planting and germination of bedding plants
  - Fern Production
  - Fall Mum production
  - Irrigation Systems
  - Hydroponics
  - Aquaculture production
  - Business Management

# Forestry

- ½ Credit
- 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> Grade Students
- FFA Career Development Events
  - Forestry CDE

# Forestry

- Students learn how the Forest Industry works.
  - Tree Identification
  - Forest Safety
  - Identification of Forestry Equipment
  - Forest Measurements
  - Forest Fire Prevention and Control
  - Forest Disease and Pest Control
  - Basic Forest Management

# Wildlife Management

- ½ Credit Course
- 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> Grade Students

# Wildlife Management

- Student learn the importance of the Wildlife Industry.
  - Hunter Education Course
  - Animal Identification and their respective habits
  - Wildlife Conservation
  - Wildlife Industry Career Opportunities

# Agricultural Mechanics

- 1 Credit Course
- 11<sup>th</sup> and 12<sup>th</sup> Grade Students
- FFA Career Development Events
  - Upper and Lower Agricultural Mechanics Skills CDE

# Agricultural Mechanics

- Students will learn basic shop activities
  - Shop Safety
  - Welding (Arc and Mig)
  - Oxygen and Acetylene Torch Use
  - Basic Plumbing Applications
  - Basic Electrical Wiring
  - Basic Truss and Rafter cutting and Assembly
  - Small Engine Technology
  - Land Measurement and Surveying

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