### Program of Study

**Career Field:** Environmental and Agricultural Systems  
**Career Cluster:** Agriculture, Food, and Natural Resources  
**Career Pathway:** Agribusiness Systems  

#### Southeast Community College

**DEGREE:** Agribusiness Focus  
http://www.southeast.edu/programs/Ag/default.aspx

### High School

<table>
<thead>
<tr>
<th>GRADE</th>
<th>ENGLISH</th>
<th>MATH</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
<th>GENERAL ELECTIVES</th>
<th>PATHWAY ELECTIVE COURSES</th>
<th>EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES</th>
</tr>
</thead>
</table>
| 9     | English/Language Arts I | Algebra I | Physical Science | Geography | World Languages and Cultures  
Physical Education  
Health Education  
Information Technology  
Applications I  
Entrepreneurship  
Animal Science  
Horticulture  
Food Science  
Nursery/Landscape Design | Intro to Environmental & Ag Sciences  
Agribusiness  
Plus two from the following:  
Advanced Agribusiness  
Entrepreneurship  
Agricultural Sales  
Leadership & Human Relations | School Activities:  
FFA, DECA, FBLA  
Community Activities:  
4-H, Grow your own garden, Recycle,  
Tour an agribusiness, Work on a farm during the summer, Join professional organizations in this career cluster, Part-time employment available within this career cluster, Internships available within this career cluster |
| 10    | English/Language Arts II | Geometry | Biology | World History | Animal History |  |
| 11    | English/Language Arts III | Algebra II | Chemistry | American History |  |
| 12    | English/Language Arts IV | Intro to Statistics  
Pre-Calculus | Physics or other science course | American Government or Economics |  |

#### Southeast Community College

**13 and 14**

<table>
<thead>
<tr>
<th>COMMUNICATIONS</th>
<th>MATH/SCIENCE</th>
<th>SOCIAL SCI/ HUMANITIES</th>
<th>COMPUTER TECHNOLOGY</th>
<th>CORE COURSES</th>
<th>FOCUS COURSES</th>
</tr>
</thead>
</table>
| Public Speaking | Business Mathematics | Personal Finance | Microsoft Applications | Agribusiness Careers  
Agribusiness Management  
Basic Fertilizer Management  
Livestock Management & Selection | Livestock Nutrition  
Soils & Plant Nutrition  
Agricultural Marketing |
| Written Communications | Thinking Mathematically | Intro to Psychology | Computer Literacy | Crop & Food Science  
Agribusiness Intern Seminar I & II  
Livestock Nutrition  
Pesticide Certification  
Harvesting Equipment  
Advanced Marketing | |
| General Biology |  |  |  | Ag Technology  
Agribusiness Cooperative Internship  
Advanced Ag Technology  
Live Animal Selection & Carcass Eval | Farm & Ranch Management  
Animal Health |
| Basic Nutrition |  |  |  | Enterprise Analysis  
Ag Business Sales  
Animal Breeding  
Advanced Crops | |

2/11/2011