Modern Agriculture AAS Degree (GA13)
Offered at Clarkesville Campus

The Modern Agriculture AAS Degree program is pending approval by the Southern Association of Colleges and Schools Commission on Colleges. Students will not be accepted into the program until such approval has been granted.

For questions, please contact Craig Thurmond at 706-754-7794.

Entrance Dates ............................................. Fall, Spring, Summer
Length of Program .................................................. 6 Terms
Credit Hours Required for Graduation ........................................ 71

Purpose: The Modern Agriculture associate degree teaches students to apply knowledge of basic sciences to solve agricultural problems. In addition to studying the biology of plants and animals, students also learn about new technologies that can be applied to plant and animal production systems, resource management, the application of technologies to add value to agricultural production. The Modern Agriculture program allows the student to gain the appreciation for the reliance on natural resources, the basics of animal science, government involvement with food and agriculture, innovative technology within commercial agriculture and food processing, and global impacts of food and agriculture.

Admission Requirements:
- Age 16 or older
- High school diploma or GED
- Completion of application process including placement test; or provide SAT or ACT scores less than five years old

General Core Courses

<table>
<thead>
<tr>
<th>Area I</th>
<th>Language Arts/Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL</td>
<td>1101 Composition and Rhetoric <em>(required)</em></td>
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<table>
<thead>
<tr>
<th>Area II</th>
<th>Social/Behavioral Sciences</th>
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<tbody>
<tr>
<td>Area III</td>
<td>Natural Sciences/Mathematics</td>
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</tbody>
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*(one of the following required)*

| MATH 1101 | Mathematical Modeling |
| MATH 1111 | College Algebra |
| MATH 1103 | Quantitative Skills and Reasoning |
| MATH 1127 | Introduction to Statistics |

<table>
<thead>
<tr>
<th>Area IV</th>
<th>Humanities/Fine Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Elective</td>
<td></td>
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</tbody>
</table>

Contact program advisor for program-specific courses, and see General Education Requirements for Associate Degrees for course options.

Occupational Courses

| AGRB 2200 | Principles of Agronomy |
| AGRB 2250 | Survey of the Animal Industry |
| AGRB 2800 | Agribusiness Internship |
| AGSC 2150 | Grasses and Forages in Agriculture |
| AGSC 2270 | Livestock Production and Management |
| BIOL 1111 | Biology I |
| BIOL 1111L | Biology I Lab |
| BIOL 1112 | Biology II |
| BIOL 1112L | Biology II Lab |
| CHEM 1211 | Chemistry I |
| CHEM 1211L | Chemistry I Lab |
| COLL 1010 | College and Career Success Skills |
| ESCI 2130 | Aquaculture |
| ESCI 2070 | Wildfire Damage |
| FORS 1010 | Introduction to Forestry and Natural Resources |
| HORT 1000 | Horticulture Science |
| HORT 1010 | Wood Plant Identification |
| HORT 1080 | Pest Management |
| HORT 1110 | Small Scale Food Production |
| HORT 1670 | Vineyard Technology |

Estimated cost of books and supplies for full program is approximately $2,000.
Modern Agriculture Diploma (GA12)
Offered at Clarkesville Campus

The Modern Agriculture Diploma program is pending approval by the Southern Association of Colleges and Schools Commission on Colleges. Students will not be accepted into the program until such approval has been granted. For questions, please contact Craig Thurmond at 706-754-7794.

Entrance Dates ................................................................. Fall, Spring, Summer
Length of Program .................................................................... 4 Terms
Credit Hours Required for Graduation ........................................... 53

Purpose: The Modern Agriculture diploma teaches students to apply knowledge of basic sciences to solve agricultural problems. In addition to studying the biology of plants and animals, students also learn about new technologies that can be applied to plant and animal production systems, resource management, the application of technologies to add value to agricultural production. The Modern Agriculture program allows the student to gain the appreciation for the reliance on natural resources, the basics of animal science, government involvement with food and agriculture, innovative technology within commercial agriculture and food processing, and global impacts of food and agriculture.

Admission Requirements:
- Age 16 or older
- High school diploma or GED
- Completion of application process including placement test; or provide SAT or ACT scores less than five years old

<table>
<thead>
<tr>
<th>Program Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic Skills Courses</strong></td>
<td></td>
</tr>
<tr>
<td>COLL 1010 College and Career Success Skills</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1010 Fundamentals of English I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1012 Foundations of Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 1010 Basic Psychology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Occupational Courses</strong></td>
<td></td>
</tr>
<tr>
<td>AGRB 2200 Principles of Agronomy</td>
<td>3</td>
</tr>
<tr>
<td>AGRB 2250 Survey of the Animal Industry</td>
<td>3</td>
</tr>
<tr>
<td>AGRB 2800 Agribusiness Internship</td>
<td>3</td>
</tr>
<tr>
<td>AGSC 2150 Grasses and Forages in Agriculture</td>
<td>3</td>
</tr>
<tr>
<td>AGSC 2270 Livestock Production and Management</td>
<td>3</td>
</tr>
<tr>
<td>ESCI 2130 Aquaculture</td>
<td>3</td>
</tr>
<tr>
<td>ESCI 2070 Wildlife Damage</td>
<td>4</td>
</tr>
<tr>
<td>FORS 1010 Introduction to Forestry and Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>HORT 1000 Horticulture Science</td>
<td>3</td>
</tr>
<tr>
<td>HORT 1010 Woody Plant Identification</td>
<td>3</td>
</tr>
<tr>
<td>HORT 1080 Pest Management</td>
<td>3</td>
</tr>
<tr>
<td>HORT 1110 Small Scale Food Production</td>
<td>4</td>
</tr>
<tr>
<td>Guided Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Estimated cost of books and supplies for full program is approximately $1,900.