

AGRIBUSINESS, SCIENCE & TECHNOLOGY



Associate of Applied Science Degree
10-006-2

The BTC Agribusiness, Science & Technology program gives students the skills needed to run their own agribusiness operation or help other agricultural producers become more successful. Students will learn how to merge business and science to produce a product and make a profit. Through hands-on learning and on-the-job experience, students gain skills in animal science and nutrition, integrated pest management, soil science, crop production and precision agriculture. Students develop crop management, livestock management, and business plans as well as learn how to enhance success through sales, marketing and business management. This program will provide opportunities in a variety of agribusiness career pathways.

Upon successful completion of this program, students will be able to:

- Create a crop management plan
- Develop an agri-business management plan
- Apply economic and marketing strategies to agribusiness industry
- Apply relevant technologies
- Create a livestock management plan
- Investigate opportunities in agribusiness
- Interact as a professional in agribusiness

Graduates have found employment as:

- Sales Representative
- Service Representatives
- Farm Manager
- Agricultural Technician
- Crop Associate
- Assistant Herdsman
- Agricultural Equipment Operator
- Commercial Applicator

- Precision Ag Technician
- Crop, Nursery, and Greenhouse Worker
- Crop and Livestock Manager
- Animal Breeders
- Nutrient Management Specialist
- Crop Scouting Technician

Semester 1		Credits
006-102	Emerging Agriculture Technologies	2
006-116	Introduction to Soils	3
006-200	Ag Equipment Safety and Operation	3
006-201	Career Development in Agriculture	3
804-134 or 804-118	Mathematical Reasoning or Intermediate Algebra with Applications	3-4
801-136	English Composition 1	3
Credits		17-18
Semester 2		Credits
006-103	Agricultural Commodity Marketing	1
006-105	Nutrient Management	3
006-107	Pest Management:Applicator Training	3
006-160	Introduction to Plant Science	3
006-180	Introduction to Animal Science	3
801-198	Speech	3
Credits		16
Summer between year 1 and year 2		Credits
006-197	Agribusiness Internship	3
Credits		3
Semester 3		Credits
006-165	Livestock Nutrition	3

006-181	Crop Management	3
104-104	Selling Principles	3
809-198	Introduction to Psychology	3
102-148	Introduction to Business and Management	3
Credits		15
Semester 4		
006-162	Farm Records and Business Management	3
006-164	Livestock Management	3
006-166	Precision Agriculture Technologies	3
104-102	Marketing Principles	3
809-143 or 809-196	Microeconomics or Introduction to Sociology	3
Credits		15
Total Credits		66-67

General Education Courses Within Program

Code	Title	Credits
809-198	Introduction to Psychology	3
801-136	English Composition 1	3
801-198	Speech	3
804-134 or 804-118	Mathematical Reasoning Intermediate Algebra with Applications	3-4
809-143 or 809-196	Microeconomics Introduction to Sociology	3