

# AGRIBUSINESS/SCIENCE TECHNOLOGY

Associate Degree  
10-006-2

The Agribusiness/Science technology focus of this 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.

## Program Outcomes

- 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

Semester 1		Credits
006-101	Contemporary Issues in Sustainability	1
006-102	Emerging Agriculture Technologies	2
006-108	Commercial Drivers Training	1
006-116	Introduction to Soils	3
006-169	Career Develop in Agriculture	2
102-148	Introduction to Business and Management	3
801-196	Oral/Interpersonal Communication	3
804-123	Math with Business Applications	3
Credits		18

Semester 2		Credits
006-103	Agricultural Commodity Marketing	1
006-105	Nutrient Management	3
006-107	Pest Management:Applicator Training	3
006-160	Plant Science and Crop Science	3
006-162	Farm Records and Business Management	3

Agribusiness/Science Technology 1

006-180	Animal Science and Livestock Management	3
Credits		16
<b>Summer between year 1 and year 2</b>		
006-197	Agribusiness Internship	3
Credits		3
<b>Semester 3</b>		
006-165	Livestock Nutrition	3
006-181	Crop Management	3
104-102	Marketing Principles	3
801-195	Written Communication	3
809-198	Introduction to Psychology	3
Credits		15
<b>Semester 4</b>		
006-164	Livestock Management	3
006-166	Precision Agriculture Technologies	3
104-104	Selling Principles	3
809-143	Microeconomics	3
Credits		12
Total Credits		64

## General Education Courses Within Program

Code	Title	Credits
801-195	Written Communication	3
801-196	Oral/Interpersonal Communication	3
804-123	Math with Business Applications	3
809-198	Introduction to Psychology	3
809-143	Microeconomics	3

Associate Degrees and Technical Diplomas are part of a larger model of BTC's Career Pathways which link related academic programs in sequence. Each program within a career pathway offers direct job preparation and a path to the next level of academic programming. To view the connected program model, visit the Agribusiness Career Path (<http://catalog.blackhawk.edu/academics/associate-degrees/agri-science-tech/AgribusinessSpecialistCareerPath.pdf>) (PDF).