

Agribusiness Technology (A15100)

Official Program Description registered with the NC Community College System:

The Agribusiness Technology curriculum is designed to prepare individuals for careers in the agribusiness segment of the agricultural industry. It provides an understanding of basic business concepts and principles as they relate to the agricultural industry.

Students will learn the principles of organization and management in agricultural businesses and the application of these principles in agricultural production. Students will also learn the basic principles of our economic system and government policies and programs relating to agriculture.

Graduates should qualify for a variety of jobs in agricultural businesses such as equipment, feed, and agricultural supply sales, store managers, farm operations, and office managers of agricultural products marketing firms.

Program Learning Outcomes

Upon successful completion of the Agribusiness Technology program of study the student will be able to:

- Demonstrate a fundamental understanding of practical principles of organization, management, economics, accounting, marketing and laws as they pertain to agricultural business and apply these principles in agricultural production.
- Apply fundamental principles of livestock production practices, proper pesticide use and handling, basic life science concepts, and water quality as they relate to the agricultural industry.
- Identify various soil and weed types and apply principles of such to make recommendations regarding nutrient management of soil and methods of weed control.
- Demonstrate the ability to perform calculations, use communication skills, and apply personal computer skills to the agricultural industry.
- Demonstrate a fundamental understanding of the humanities and social sciences as they relate locally, regionally, and globally.

Degree Awarded

The Associate in Applied Science Degree - Agribusiness Technology is awarded by the College upon completion of this program.

For More Information

The Agribusiness Technology program is located in the Applied Technology Division. For more information, call (919) 735-5151, ext. 732 or visit us at our web site at <http://www.waynecc.edu>.

Admissions

- A high school diploma or equivalent is required.
- A placement test in English, mathematics, reading and computer skills are required to determine entry-level courses that match individual needs.
- Students are required to demonstrate competency in MAT 070 through the placement test or course completion with a grade of C or better prior to receiving a degree.

First Step to Enroll:

Call the Admissions and Records Office at (919) 735-5151, ext. 238.

	Contact Hours	Semester Credit Hours
FIRST SEMESTER		
ACA 111 College Student Success.....	1	1
AGR 140 Agricultural Chemicals.....	4	3

ANS 110 Animal Science.....	3	3
BIO 160 Introductory Life Science.....	4	3
CIS 110 Introduction to Computers.....	4	3
COE 110 World of Work.....	1	1
ENG 111 Expository Writing.....	3	3
		14

SECOND SEMESTER

AGR 110 Agricultural Economics.....	3	3
AGR 150 Ag-O-Metrics.....	3	3
AGR 170 Soil Science.....	4	3
BUS 135 Principles of Supervision.....	3	3
ENG 114 Professional Research and Reporting.....	3	3
		15

SUMMER TERM

COE 112 Co-op Work Experience I.....	20	2
OR		
AGR 131 Market Garden Lab.....	6	2
AGR 139 Intro to Sustainable Ag.....	3	3
AGR 140 Agricultural Chemicals.....	4	3
		8

THIRD SEMESTER

AGR 210 Agricultural Accounting.....	5	3
AGR 213 Ag Law and Finance.....	3	3
BUS 137 Principles of Management.....	3	3
BUS 151 People Skills.....	3	3
OR		
BUS 230 Small Business Management ..	3	3
Humanities/Fine Arts Elective ..	3	3
Social/Behavioral Science Elective	3	3
		18

FOURTH SEMESTER

AGR 212 Farm Business Management...	3	3
AGR 214 Agricultural Marketing.....	3	3
AGR 262 Weed ID and Control.....	5	3
*Animal Science Elective.....	3-5	3-4
		12-13

Total Credit Hours 67-68

	Contact Hours	Semester Credit Hours
Select one of the following Agriculture Electives:		
ANS 115 Animal Feeds & Nutrition.....	3	3
ANS 120 Beef Production.....	4	3
ANS 130 Poultry Production.....	4	3
ANS 140 Swine Production.....	4	3
ANS 150 Animal Health Management....	3	3
ANS 160 Animal Waste Management.....	3	3
ANS 180 Equine Production.....	5	4
ANS 210 Livestock Production Issues....	3	3
ANS 213 Animal Reproduction.....	4	3
ANS 230 Poultry Management.....	3	3