



# NEW Beginning Fall 2014 Agribusiness Technology

A.A.S. Degree (A15100)

## Agricultural and Natural Resources Technologies

### Job Outlook

According to the U.S. Department of Labor's *Occupational Outlook Handbook*, "Employment of agricultural and food science technicians is projected to grow 3 percent from 2012 to 2022, slower than the average for all occupations. More technology and scientific knowledge related to food production will allow greater control of the production and processing activities and in turn increase demand for these workers."

Source: Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook, 2014-15 Edition, Agricultural and Food Science Technicians, on the Internet at <http://www.bls.gov/ooh/life-physical-and-social-science/agricultural-and-food-science-technicians.htm> (visited May 19, 2014).*

Note: Job Outlook information is based on national statistics. Outlook for Iredell County expected to be higher than the national average.

### Occupational Information

Visit the link below to find out more about occupations in this field including skills, education, potential wages and more.

### Agricultural Technicians

CIP Code: 01.0102 SOC Code: 197-4011.01

<http://www.onetonline.org/link/summary/19-4011.01>

This program is pending approval by SACSCOC. The Agribusiness Technology program provides students with the entrepreneurial and technical skills necessary to manage a profitable, environmentally sound, community-based small farm or agricultural business. The objective is the development of a workforce knowledgeable in sustainable agriculture practices.

Students will learn the fundamentals of agriculture, focusing on crop production and business. Emphasis is placed on entrepreneurial and field training. Students will also learn the basic principles of our economic system and government policies and programs relating to agriculture.

The program prepares individuals to manage agricultural businesses and agriculturally related operations within diversified corporations. Potential course work includes instruction in agriculture, agricultural specialization, business management, accounting, finance, marketing, planning, human resources management, and other managerial responsibilities.

Graduates should qualify for a variety of jobs in agricultural businesses such as equipment, feed, and agricultural supply sales; store management; farm operations; wholesale and retail produce management; nursery operations; and environmental and agricultural education.

**Mitchell is one of only four community colleges in the state offering this program.**

Courses	Credits
<b>Agribusiness Technology A.A.S. Degree (A15100)</b>	
<b>General Education Required Courses</b>	
BIO 111 General Biology I.....	4
ENG 111 Writing and Inquiry .....	3
ENG 112 Writing/Research in the Disciplines.....	3
Humanities/Fine Arts Elective (see Catalog for electives).....	3
Social/Behavioral Sciences Elective (see Catalog for electives).....	3
<b>Total General Education Required Hours .....</b>	<b>16</b>
<b>Major Required Courses</b>	
AGR 110 Agricultural Economics.....	3
AGR 111 Basic Farm Maintenance.....	2
AGR 139 Introduction to Sustainable Agriculture.....	3
AGR 140 Agricultural Chemicals.....	3
AGR 150 Ag-O-Metrics.....	3
AGR 170 Soil Science.....	3
AGR 210 Agricultural Accounting.....	3
AGR 212 Farm Business Management.....	3
AGR 213 Agriculture Law and Finance.....	3
AGR 214 Agricultural Marketing.....	3
AGR 261 Agronomy .....	3
ANS 110 Animal Science.....	3
BUS 137 Principles of Management.....	3
BUS 230 Small Business Management.....	3
CIS 110 Introductions to Computers.....	3
WBL 111 Work-Based Learning I OR .....	1
WBL 112 Work-Based Learning I.....	(2)
Agribusiness Major Electives (see below).....	6
<b>Total Major Required Hours .....</b>	<b>51-52</b>
<b>Agribusiness Electives (Select 6 credits.)</b>	
AGR 160 Plant Science.....	3
AGR 220 Agricultural Mechanization .....	3
AGR 226 Maintaining and Servicing of Production Facilities.....	3
AGR 262 Weed ID and Control .....	3
<b>Total Credit Hours Required for A.A.S. Degree .....</b>	<b>67-68</b>



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continued

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including application, admission requirements, and elective options, visit our website at [www.mitchellcc.edu](http://www.mitchellcc.edu) to view the

## Suggested Curriculum by Semesters

Applies to day offerings. Due to time restraints, evening students should expect to have fewer offerings each semester.

### First Year

<i>Fall Semester</i> .....	<i>Credits</i>
AGR 139.....	3
ANS 110.....	3
BIO 111.....	4
ENG 111.....	3
Social/Behavioral Sciences.....	3
<b>Total .....</b>	<b>16</b>

### Spring Semester

AGR 110.....	3
AGR 111.....	2
AGR 150.....	3

Humanities/Fine Arts.....	3
AGR Elective.....	3
<b>Total .....</b>	<b>19-20</b>

### Transfer Programs

North Carolina A&T University and the University of Mount Olive provide a seamless transition for community college students who have earned an A.A.S. degree in Agribusiness Technology. For information on their advanced degree options, visit their websites.

**NC A&T:** <http://www.ncat.edu/academics/schools-colleges1/saes/academics/agribus/index.html>

**University of Mount Olive:** <http://www.umo.edu/programs-of-study/daytime/agribusiness>

For more information on this and other programs offered at Mitchell Community College,

AGR 170.....	3
CIS 110.....	3
ENG 112.....	3
<b>Total .....</b>	<b>17</b>

### Second Year

<i>Fall Semester</i> .....	<i>Credits</i>
AGR 140.....	3
AGR 210.....	3
AGR 213.....	3
BUS 137.....	3
AGR Elective.....	3
<b>Total .....</b>	<b>15</b>

### Spring Semester

AGR 212.....	3
AGR 214.....	3
AGR 261.....	3
BUS 230.....	3
WBL 111 OR.....	1
WBL 112.....	(2)