

Technical and Vocational Programs

A 15 10 0 Agribusiness Technology

CONCENTRATION OVERVIEW

The Agribusiness Technology curriculum 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.

Upon completion of this concentration, 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.



Student Learning Outcomes – Upon completion of the program, students will:

1. Prepare and analyze a farm budget.
2. Complete loan application procedures and explain basic laws affecting the agricultural industry.
3. Construct a marketing plan for an agricultural product.
4. Identify equipment parts and explain the basic principles of machinery operation and management.

Partnership: College of The Albemarle's two-year degree program is designed for students to transfer to North Carolina State University's School of Agriculture and Life Sciences.

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(Offered at COA - Elizabeth City)

First Year Fall Semester Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
ENG 111 Writing and Inquiry	Pre-Requisites: ENG 002 Tier 1 Co-Requisite: ENG 011	3	0	0	3	3
PSY 150 General Psychology	Pre-Requisites: ENG 002 Tier 1	3	0	0	3	3
BIO 111 General Biology I	Pre-Requisites: ENG 002 Tier 1 and MAT 003 Tier 1	3	3	0	6	4
AGR 110 Agricultural Economics	Pre-Requisites: None	3	0	0	3	3
AGR 139 Intro to Sustainable Ag	Pre-Requisites: None	3	0	0	3	3
TOTAL SEMESTER HOURS		15	0	0	18	16
First Year Spring Semester Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
COM 120 Interpersonal Communications	Pre-Requisites: None	3	0	0	3	3
Natural Science/Mathematics: MAT 171 (transfer)	Pre-Requisites: MAT 003 Tier 2 or MAT 143 or MAT 152 Co-Requisites: MAT 071	3	2	0	5	4
AGR 121 Biological Pest Management	Pre-Requisites: None	3	0	0	3	3
AGR 130 Alternative Ag Production	Pre-Requisites: None	3	0	0	3	3
AGR 160 Plant Science	Pre-Requisites: None	2	2	0	4	3
AGR 170 Soil Science	Pre-Requisites: None	2	2	0	4	3
TOTAL SEMESTER HOURS		16	6	0	22	19

Second Year Fall Semester Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
ECO 252 Macroeconomics	Pre-Requisites: ENG 002 Tier 1 and MAT 003 Tier 1	3	0	0	3	3
PHI 240 Intro to Ethics	Pre-Requisites: ENG 111	3	0	0	3	3
ANS 110 Animal Science	Pre-Requisites: None	3	0	0	3	3
AGR 212 Farm Business Mgmt	Pre-Requisites: None	3	0	0	3	3
AGR 213 Ag Law & Finance	Pre-Requisites: NONE	3	0	0	3	3
TOTAL SEMESTER HOURS		15	0	0	15	15
Second Year Spring Semester Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
AGR 214 Agricultural Marketing	Pre-Requisites: None	3	0	0	3	3
AGR 220 Ag Mechanization	Pre-Requisites: None	2	2	0	4	3
AGR 210 Ag Accounting	Pre-Requisites: None	1	4	0	5	3
HOR 160 Plant Materials	Pre-Requisites: None	2	2	0	4	3
CIS110 Intro to Computers	Pre-Requisites: ENG 002 Tier 1 and MAT 003 Tier 1	2	2	0	4	3
WBL 111 Work Based Learning I	Pre-Requisites: None	0	0	0	10	1
TOTAL SEMESTER HOURS		10	10	0	30	16
TOTAL SEMESTER HOURS REQUIRED FOR ASSOCIATE DEGREE						66