

# North Carolina Career Cluster

## Agriculture, Food and Natural Resources

Related Pathways

- Agribusiness Systems
- Animal Systems
- Environmental Service Systems
- Plan Systems
- Food Products and Processing Systems
- Power, Structural and Technical Systems
- Natural Resources Systems

CTE Program Areas	CONCENTRATION (Four total credits required)			
	Foundational Courses		Career Cluster Enhancement Courses	
AGRICULTURAL EDUCATION	6810 Agriscience Applications 6811 Agriculture Production I 6812* Agriculture Production II 6821 Animal Science I 6822* Animal Science II 6822* Animal Science II – Small Animals 6825 Equine Science I 6826* Equine Science II 6831 Agricultural Mechanics I 6832* Agricultural Mechanics II 6833* Agricultural Mechanics II – Small Engines	6841 Horticulture I 6842* Horticulture II 6843* Horticulture II – Turf Grass 6851 Environmental & Natural Resources Studies I 6852* Environmental & Natural Resources Studies II 6871 Biotechnology & Agriscience Research I 6872* Biotechnology & Agriscience Research II 6882* Horticulture II – Landscape Construction 6896 Agricultural Education Department of Labor Registered Apprenticeship 6897 Agricultural Education Cooperative Education 6899* Agricultural Education Advanced Studies		6898 Agricultural Education Internship 6998 University – Agricultural Education 6999 Community College – Agricultural Education
BUSINESS AND INFORMATION TECHNOLOGY EDUCATION				6200/6600 Principles of Business & Personal Finance 6215 Business Law 6225 Business Management & Applications 6227/6640 International Baccalaureate Business Management 6311 Computerized Accounting I 6411 Computer Applications I 6514 Digital Communications Systems <b>6145 Career Management</b>
CAREER DEVELOPMENT				
FAMILY AND CONSUMER SCIENCES EDUCATION	7015 Teen Living 7045 Foods I – Fundamentals 7046* Foods II – Advanced 7075* Foods II – Food Science	7196 Family & Consumer Sciences Education Department of Labor Registered Apprenticeship 7197 Family & Consumer Sciences Education Cooperative Education 7199* Family & Consumer Sciences Education Advanced Studies		7085 Life Management 7098 University – Family & Consumer Sciences Education 7099 Community College – Family & Consumer Sciences Education 7198 Family & Consumer Sciences Education Internship
HEALTH OCCUPATIONS				7200 Biomedical Technology 7270 PLTW Principles of Biomedical Sciences
MARKETING EDUCATION				6235/6615 Small Business Entrepreneurship 6621 Marketing 6626 Strategic Marketing
TECHNOLOGY EDUCATION				8020 Introduction to Engineering and Design 8110 Fundamentals of Technology
TRADE AND INDUSTRIAL EDUCATION				7511 Automotive Service Technology I 7661 Welding Technology I 7921 Drafting I

To earn a concentration for graduation and CTE federal reporting purposes:

- The student must take at least four technical credits from among the courses listed in the Career Cluster.
- At least three of the technical credits must come from among the Foundational courses listed.
- At least one of the Foundational courses must be at the completer level, identified by an asterisk on the chart above.
- The fourth technical credit can be either a Foundational or Enhancement course.
- Enhancement courses can be from any program area identified in the Career Cluster.

