



Career Technical Education Career Clusters & Courses



Agriculture, Food & Natural Resources Cluster

Course	F/E
Animal Science I	F
Animal Science II - SA	F*
Agriculture Mechanics I	F
Agriculture Mechanics II*	F*
CTE Advanced Studies	F
Equine Science I	F
Horticulture I	F
Horticulture II*	F*
Horticulture II—Landscaping*	F*
Foods I	F
Foods II - Enterprise*	F*
Personal Finance	F
Veterinary Assisting	F
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CTE Internship	E
Entrepreneurship I	E
Marketing	E
Microsoft Word & PowerPoint	E
Microsoft Excel & Access	E

Health Science Cluster

Course	F/E
CTE Advanced Studies	F
Health Science I	F
Health Science II*	F*
Health Team Relations	F
Nursing Fundamentals	F
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CTE Internship	E
Entrepreneurship I	E
Foods I	E
Marketing	E
Microsoft Word & PowerPoint	E
Microsoft Excel & Access	E
Personal Finance	E

Architecture & Construction Cluster

Course	F/E
Core & Sustainable Construction	F
Carpentry I	F
Carpentry II*	F*
Carpentry III (NLA)	F
CTE Advanced Studies	F
Drafting I	F
Drafting II—Architecture*	F*
Drafting III—Architecture	F
Interior Design I	F
Interior Design II*	F*
Intro to T and I	F
Personal Finance	F
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Agriculture Mechanics I	E
Apparel & Textile I	E
CTE Internship	E
Entrepreneurship I	E
Marketing	E
Microsoft Word & PowerPoint	E
Microsoft Excel & Access	E
Multimedia & Webpage Design	E

Art, Audio/Video Technology Cluster

Course	F/E
Apparel & Textile Production I	F
Apparel & Textile Production II*	F*
CTE Advanced Studies	F
Entrepreneurship I	F
Game and Art Design*	F*
Adv. Game and Art Design	F
Fashion Merchandising	F
Intro to T and I	F
Marketing	F
Microsoft Word & PowerPoint	F
Multimedia Webpage Design	F
Scientific and Technology Visualization I	F
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CTE Internship	E
Interior Design I	E
Microsoft Excel & Access	E
Personal Finance	E

Hospitality & Tourism Cluster

Course	F/E
CTE Advanced Studies	F
Entrepreneurship I	F
Foods I	F
Foods II - Enterprise*	F*
Hospitality and Tourism*	F*
Marketing I	F
Sports & Entertainment Marketing I	F
Sports & Entertainment Marketing II*	F
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CTE Internship	E
Microsoft Word & PowerPoint	E
Microsoft Excel & Access	E
Multimedia Webpage Design	E
Personal Finance	E

Business, Management & Administration Cluster

Course	F/E
CTE Advanced Studies	F
Entrepreneurship I*	F*
Microsoft Word & PowerPoint	F
Microsoft Excel & Access	F
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CTE Internship	E
Marketing	E
Multimedia Webpage Design	E
Personal Finance	E

To earn a CTE concentration for graduation:

- Must take at least 4 credits from one cluster
- At least 3 credits must come from among the foundational courses (F)
- the 4th credit can be a foundational (F) or Enhancement (E) course
- One credit must be a completer course *

Students may also choose a Concentration Area to complete NC Graduation Requirements

- Physical Education (4 credits-1 being advanced)
- Fine Arts (4 credits-1 being advanced)
- ROTC (4 credits-1 being advanced)
- Foreign Language (4 credits-1 being advanced)
- ESL (4 credits-including reading and writing)
- ACADEMIC (2 credits beyond regular graduation requirements)

For more information on these options, please see your grade level counselor.

- NLA= No Longer Available
- Level 1 Courses are always a great place to start.

Information Technology Cluster

Course	F/E
CIS 110—Intro to Computers (CCP)	F
CTE Advanced Studies	F
Intro to T & I	F
Microsoft Word & PowerPoint	F
Microsoft Excel & Access	F
Multimedia & Webpage Design*	F*
CTE Internship	
CTE Internship	E
Entrepreneurship I	E
Personal Finance	E

Marketing Cluster

Course	F/E
CTE Advanced Studies	F
Entrepreneurship I*	F*
Entrepreneurship II	F
Marketing I	F
Marketing Applications*	F*
Principles of Business	F
Fashion Merchandising	F
CTE Internship	
Apparel & Textile Production I	E
CTE Internship	E
Microsoft Word & PowerPoint	E
Microsoft Excel & Access	E
Multimedia Webpage Design	E
Personal Finance	E

Manufacturing Cluster

Course	F/E
Apparel & Textile Production I	F
Apparel & Textile Production II*	F*
CTE Advanced Studies	F
Entrepreneurship I	F
Intro to T and I	F
Marketing	F
CTE Internship	
CTE Internship	E
Drafting I	E
Microsoft Word & PowerPoint	E
Microsoft Excel & Access	E
Multimedia Webpage Design	E
Personal Finance	E



Law, Public Safety, Corrections & Security Cluster

Course	F/E
Criminal Justice 112 or 122	F
Criminal Justice 113* or 212*	F*
Criminal Justice 131 or 231	F
Fire Protection 120 or 132	F
Fire Protection 124 or 140*	F*
Fire Protection 128 or 152	F
CTE Advanced Studies	F
CTE Internship	
CTE Internship	E
Hospitality and Tourism	E
Microsoft Word & PowerPoint	E
Microsoft Excel & Access	E
Personal Finance	E

Science, Technology, Engineering & Mathematics Cluster

Course	F/E
CTE Advanced Studies	F
Drafting I	F
Drafting II—Engineering*	F*
Drafting III—Engineering	F
Intro to T and I	F
Principles of Technology	F
PLTW Intro to Engineering Design	F
PLTW Principles of Engineering	F
PLTW Computer Integrated Manu	F*
PLTW Digital Electronics	F*
PLTW Biotechnical Engineering	F*
Scientific & Technology Visualization I	F
Scientific & Technology Visualization II	F*
CTE Internship	
CTE Internship	E
Entrepreneurship I	E
Horticulture I	E
Microsoft Word & PowerPoint	E
Microsoft Excel & Access	E
Personal Finance	E
Principles of Business	E
Multimedia And Webpage Design	E

Uncommon Course Pre-requisites

Course	Pre-requisite
Entrepreneurship	Marketing OR Per. Fin or POB
Multimedia	Microsoft Word
Hospitality & Tourism	Marketing or Sports Ent. Mark I
Carpentry I	Core & Sustainable Construction
Game and Art Design	Sci Vis. I OR Digital Design and Animation I

OHS CTE Honors Courses

- Animal Science I
- Apparel & Textile Production II
- Drafting II Architecture
- Drafting III Architecture
- Drafting II Engineering
- Drafting III Engineering
- Foods I
- Foods II Enterprise
- Health Science I
- Health Science II
- Horticulture I
- Horticulture II—Landscaping
- Marketing
- MS Word & PowerPoint
- MS Excel & Access
- Multimedia and Webpage Design
- Nursing Fundamentals
- Personal Finance
- Sports & Entertainment Marketing I
- Sports & Entertainment Marketing II
- Veterinary Assisting

**In compliance with Federal Law, Buncombe County Schools administers all education programs including its Career and Technical Education Programs, employment, activities and admissions without discrimination against any person on the basis of gender, race, color, religion, national origin, age or disability.