

POLICY 2520.13

West Virginia's
College-and-Career
Readiness Programs of
Study/Standards for
Career and Technical
Education

Guidance Document

December 12, 2016



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2016-2017**

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Agriculture, Food & Natural Resources Career Cluster™ (AG)

Agribusiness Systems Career Pathway
WV CTE Program of Study: AG0120 Agribusiness Systems
<i>Recommended Program Electives:</i>
0133 Agricultural Cooperative Education 2007 Equine Science 0201 Grounds Maintenance 0146 Leadership Development 0184 Timber Management 0520 Work-Based Integration and Transition
Animal Systems Career Pathway
WV CTE Program of Study: AG0220 Animal Systems
<i>Recommended Program Electives:</i>
0133 Agricultural Cooperative Education 0146 Leadership Development 0520 Work-Based Integration and Transition
WV CTE Program of Study: AG0221 CASE Animal Science
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: AG0223 Pet Grooming
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: AG0224 Taxidermy
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: AG0222 Animal Science (Virtual)
<i>Recommended Program Electives:</i>
N/A
Food Products & Processing Systems Career Pathway
WV CTE Program of Study: AG0230 Animal Processing
<i>Recommended Program Electives:</i>
0133 Agricultural Cooperative Education 0146 Leadership Development 0520 Work-Based Integration and Transition
Natural Resources Systems Career Pathway
WV CTE Program of Study: AG2185 Chemical Energy and Mechanical Technologies
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition

WV CTE Program of Study: AG2190 Environmental Technology and Management
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: AG0130 Forest Industry
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: AG0170 Natural Resources Management
<i>Recommended Program Electives:</i>
0133 Agricultural Cooperative Education
0146 Leadership Development
0184 Timber Management
0520 Work-Based Integration and Transition

Plant Systems Career Pathway
WV CTE Program of Study: AG0210 Plant Systems
<i>Recommended Program Electives:</i>
0133 Agricultural Cooperative Education
0201 Grounds Maintenance
0146 Leadership Development
0520 Work-Based Integration and Transition
WV CTE Program of Study: AG0214 Turf and Landscape Systems
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: AG0215 CASE Plant Science
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition

Power, Structural & Technical Systems Career Pathway
WV CTE Program: AG0110 Power, Structural and Technical Systems
<i>Recommended Program Electives:</i>
2004 Agriculture Blueprint/Cad
0133 Agricultural Cooperative Education
2006 Agriculture Intro To Oxy-Acetylene/Arc Welding
2002 Agriculture Small Engine Repair
0146 Leadership Development
0520 Work-Based Integration and Transition

Architecture & Construction Career Cluster™ (AR)

Construction Career Pathway
WV CTE Program of Study: AR1820 Carpentry
<i>Recommended Program Electives:</i>
1769 Residential Wiring 1803 Basic Plumbing and Electricity 1820 Applications in Commercial Construction 1822 Blueprint Reading For Construction 1821 Concrete Finishing 1828 Building Construction Applications 1829 Masonry and Plumbing 0520 Work-Based Integration and Transition
WV CTE Program of Study: AR1760 Electrical Technician
<i>Recommended Program Electives:</i>
1762 Blueprint Reading For Electricians 1765 Industrial and Commercial Wiring 1766 Integrated Electrical Lab 1767 National Electrical Code 1769 Residential Wiring 1771 Rotating Devices and Control Circuitry 0520 Work-Based Integration and Transition
WV CTE Program of Study: AR1910 Masonry
<i>Recommended Program Electives:</i>
1911 Block and Rock Laying 1913 Bricklaying 1914 Bricklaying Applications 1821 Concrete Finishing 1916 Decorative Masonry Work 1917 Foundation and Footings 0520 Work-Based Integration and Transition
WV CTE Program of Study: AR2140 Plumbing
<i>Recommended Program Electives:</i>
2147 Cast-Iron Piping 2148 Drains, Waste and Vent Systems 2146 Gas Piping 2149 Plumbing Fixtures 2145 Soldering and Flaring Copper Pipe 0520 Work-Based Integration and Transition

Design/Pre-construction Career Pathway

WV CTE Program of Study: AR1720 Drafting

Recommended Program Electives:

- 1661** Blueprint Reading
- 1723** Civil Drafting
- 1728** Computer Aided Drafting
- 1718** Introduction to CAD
- 1722** Piping Systems Drafting
- 1726** Structural Steel Drafting
- 0520** Work-Based Integration and Transition

Maintenance/Operations Career Pathway

WV CTE Program of Study: AR1800 Building Maintenance and Operations

Recommended Program Electives:

- 1803** Basic Plumbing and Electricity
- 1605** Fundamentals of Air Conditioning Refrigeration
- 1763** Fundamentals of Electricity
- 1805** Fundamentals of Facilities Maintenance
- 1829** Masonry and Plumbing
- 1769** Residential Wiring
- 0520** Work-Based Integration and Transition

WV CTE Program of Study: AR1600 HVAC Technician

Recommended Program Electives:

- 1602** Air Conditioning Applications
- 1601** Basic Control Circuits
- 1608** Commercial Air Conditioning
- 1603** Domestic Refrigeration
- 1604** Fossil Fuel Heating Systems
- 1607** Heating Systems
- 0520** Work-Based Integration and Transition

Arts, A/V Technology & Communications Career Cluster™ (AV)

Journalism & Broadcasting Career Pathway
WV CTE Program of Study: AV1682 Broadcast Journalism
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: AV1680 Broadcasting Technology
<i>Recommended Program Electives:</i>
2421 Communication Systems
0520 Work-Based Integration and Transition
WV CTE Program of Study: AV1684 Multimedia Publishing
<i>Recommended Program Electives:</i>
1518 Fundamentals of Media Writing
1519 Information Graphics
0520 Work-Based Integration and Transition
Printing Technology Career Pathway
WV CTE Program of Study: AV1830 Graphic Communications
<i>Recommended Program Electives:</i>
1837 Applications in Graphic Communications
1832 Color Processing
1834 Digital Prepress
1855 Fundamentals of Desktop Publishing
1859 Graphic Design Applications
1831 Photography and Dark Room Procedures
0520 Work-Based Integration and Transition
Visual Arts Career Pathway
WV CTE Program of Study: AV1850 Graphic Design
<i>Recommended Program Electives:</i>
1854 Computer Graphics
1856 Desktop Publishing/Page Layout
1853 Fundamentals of Computer Graphics
1855 Fundamentals of Desktop Publishing
0520 Work-Based Integration and Transition

Business Management & Administration Career Cluster™ (BM)

Administrative Support Career Pathway
WV CTE Program of Study: BM0510 Career and Work Skills Training (CWST)
<i>Recommended Program Electives:</i>
1401 Accounting Principles I 1439 Business and Marketing Essentials 1411 Business Computer Applications I Microsoft IT Word and PowerPoint 1413 Business Computer Applications II Microsoft IT Excel and Microsoft Access 1512 Workplace Practicum 0520 Work-Based Integration and Transition
WV CTE Program of Study: BM1465 Management and Administrative Support
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: BM1465 Management and Administrative Support (Virtual)
<i>Recommended Program Electives:</i>
N/A
Business Finance and Accounting Career Pathway
WV CTE Program of Study: BM1410 Accounting
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: BM1410 Accounting (Virtual)
<i>Recommended Program Electives:</i>
N/A

Education & Training Career Cluster™ (ED)

Teaching/Training Career Pathway
WV CTE Program of Study: ED1300 Careers in Education
<i>Recommended Program Electives:</i>
0904 Human Development 0903 Parenting and Strong Families 0520 Work-Based Integration and Transition

Finance Career Cluster™ (FI)

Business Finance Career Pathway
WV CTE Program of Study: FI1430 Finance
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition

Government & Public Administration Career Cluster™ (GO)

National Security Career Pathway
WV CTE Program of Study: GO1070 JROTC
<i>Recommended Program Electives:</i>
1062 JROTC V 1063 JROTC VI 1064 JROTC - Internship 0520 Work-Based Integration and Transition

Health Science Career Cluster™ (HE)

Biotechnology Research & Development Career Pathway

WV CTE Program of Study: HE0780 Biomedical Science (PLTW)

Recommended Program Electives:

- 1060** Essentials of Addiction and Prevention
- 0730** Health Science Clinical Experience
- 0721** Medical Terminology
- 0739** Nutrition and Wellness
- 0725** Understanding Human Behavior

Diagnostic Services Career Pathway

WV CTE Program of Study: HE0718 Diagnostic Services

Recommended Program Electives:

- 0716** Body Structures and Functions
- 1060** Essentials of Addiction and Prevention
- 0730** Health Science Clinical Experience
- 0721** Medical Terminology
- 0739** Nutrition and Wellness
- 0725** Understanding Human Behavior
- 0520** Work-Based Integration & Transition

Health Informatics Career Pathway

WV CTE Program of Study: HE0742 Health Informatics

Recommended Program Electives:

- 0716** Body Structures and Functions
- 1060** Essentials of Addiction and Prevention
- 0739** Nutrition and Wellness
- 0725** Understanding Human Behavior
- 0520** Work-Based Integration & Transition

WV CTE Program of Study: HE2220 Health Informatics (Advanced Career)

Recommended Program Electives:

- 0520** Work-Based Integration & Transition

Support Services Career Pathway

WV CTE Program of Study: HE1215 Food Science and Nutrition

Recommended Program Electives:

- 1439** Business And Marketing Essentials
- 1411** Business Computer Applications I Microsoft Word and PowerPoint
- 0425** Marketing Applications
- 0422** Marketing Principles
- 0520** Work-Based Integration & Transition

WV CTE Program of Study: HE1095 Personal Fitness and Wellness Training

<i>Recommended Program Electives:</i>
6921 Community Health 6709 Fitness/Conditioning Activities 1050 Wellness Issues For Special Populations 0520 Work-Based Integration & Transition
WV CTE Program of Study: HE0728 Support Services
<i>Recommended Program Electives:</i>
0716 Body Structures and Functions 1060 Essentials of Addiction and Prevention 0730 Health Science Clinical Experience 0721 Medical Terminology 0739 Nutrition and Wellness 0725 Understanding Human Behavior 0520 Work-Based Integration & Transition
WV CTE Program of Study: HE1095 Personal Fitness and Wellness Training (Virtual)
<i>Recommended Program Electives:</i>
N/A
WV CTE Program of Study: HE0728 Support Services (Virtual)
<i>Recommended Program Electives:</i>
N/A

Therapeutic Services Career Pathway
WV CTE Program of Study: HE0715 Allied Health Sciences
<i>Recommended Program Electives for Dental Assisting:</i>
0748 Dental Assisting II 0745 Dental Assisting Clinical Mentoring 0742 Dental Assistant Clinical Practice 0747 Dental Specialties 1060 Essentials of Addiction and Prevention 0749 Supervised Dental Clinical Experience 0520 Work-Based Integration & Transition
<i>Recommended Program Electives for EMT-B:</i>
0720 ECG/Phlebotomy 0793 Emergency Response to Terrorism 1060 Essentials of Addiction and Prevention 0730 Health Science Clinical Experience 0721 Medical Terminology 0739 Nutrition and Wellness 0520 Work-Based Integration & Transition
<i>Recommended Program Electives for Medical Assisting:</i>

1060 Essentials of Addiction and Prevention
0730 Health Science Clinical Experience
0736 Medical Assistant Administrative Procedures II
0734 Medical Assistant Advanced Pharmacology
0721 Medical Terminology
0739 Nutrition and Wellness
0520 Work-Based Integration & Transition

Recommended Program Electives for Practical Nursing:

0716 Body Structures and Functions
1060 Essentials of Addiction and Prevention
0730 Health Science Clinical Experience
0721 Medical Terminology
0739 Nutrition and Wellness
0725 Understanding Human Behavior
0520 Work-Based Integration & Transition

Recommended Program Electives for Pre-Nursing:

0716 Body Structures and Functions
1060 Essentials of Addiction and Prevention
0730 Health Science Clinical Experience
0721 Medical Terminology
0739 Nutrition and Wellness
0725 Understanding Human Behavior
0520 Work-Based Integration & Transition

Recommended Program Electives for PTCP PREP:

0716 Body Structures and Functions
1060 Essentials of Addiction and Prevention
0730 Health Science Clinical Experience
0721 Medical Terminology
0739 Nutrition and Wellness
0725 Understanding Human Behavior
0520 Work-Based Integration & Transition

WV CTE Program of Study: HE0723 Therapeutic Services

Recommended Program Electives:

0716 Body Structures and Functions
1060 Essentials of Addiction and Prevention
0730 Health Science Clinical Experience
0721 Medical Terminology
0739 Nutrition and Wellness
0616 Orientation to Practical Nursing
0725 Understanding Human Behavior
0520 Work-Based Integration & Transition

Hospitality & Tourism Career Cluster™ (HO)

Restaurants & Food/ Beverage Services Career Pathway

WV CTE Program of Study: HO1015 Baking and Pastry

Recommended Program Electives:

1016 Food Service Management Practices
1210 Hospitality and Tourism Internship
1220 Hospitality Entrepreneurship Applications
1015 Hospitality Products and Services
7663 Travel West Virginia
0520 Work-Based Integration and Transition

WV CTE Program of Study: HO1010 ProStart Restaurant Management

Recommended Program Electives:

1018 Baking and Pastry Applications
1017 Culinary Nutrition and the Menu
1016 Food Service Management Practices
1210 Hospitality and Tourism Internship
1015 Hospitality Products and Services
7663 Travel West Virginia
0520 Work-Based Integration and Transition

Travel & Tourism Career Pathway

WV CTE Program of Study: HO1210 Hospitality and Tourism

Recommended Program Electives for Event Planning & Design:

1143 Event Design Development
1144 Event Design Project
1145 Event Planning: Ethics, Etiquette & Entrepreneurship
1116 Event Production Operations
0520 Work-Based Integration and Transition

Recommended Program Electives for Parks and Recreation:

1212 Event and Project Planning and Management
1220 Hospitality Entrepreneurship Applications
1221 Leisure Behavior
1126 Parks and Facility Design
1222 Recreation and Leisure
0520 Work-Based Integration and Transition

Recommended Program Electives for Hospitality, Travel and Tourism:

1212 Event and Project Planning and Management
1203 Front Office Foundations
1217 Hospitality Support Services
1205 Lodging Leadership Management
1445 Management and Entrepreneurship

0520 Work-Based Integration and Transition

Recommended Program Electives for Adventure Tourism:

- 1401** Accounting Principles I
- 1439** Business and Marketing Essentials
- 1212** Event and Project Planning and Management
- 1221** Leisure Behavior
- 0422** Marketing Principles
- 0520** Work-Based Integration and Transition

Recommended Program Electives for Entrepreneurship:

- 1401** Accounting Principles I
- 0437** Hospitality and Tourism Marketing
- 1015** Hospitality Products and Services
- 1206** Lodging Support Services
- 1086** Outdoor Education
- 0520** Work-Based Integration and Transition

Human Services Career Cluster™ (HU)

Counseling & Mental Health Services Career Pathway
WV CTE Program of Study: HU1015 Prevention Support Specialist
<i>Recommended Program Electives:</i>
6921 Community Health 0711 Foundations of Health Science 6931 Health Education 0721 Medical Terminology 0520 Work-Based Integration and Transition
WV CTE Program of Study: HU2323 Counseling and Mental Health (Virtual)
<i>Recommended Program Electives:</i>
N/A
WV CTE Program of Study: HU1015 Prevention Support (Virtual)
<i>Recommended Program Electives:</i>
N/A
WV CTE Program of Study: HU1016 Wellness Coaching (Virtual)
<i>Recommended Program Electives:</i>
N/A

Early Childhood Development & Services Career Pathway
WV CTE Program of Study: HU1000 Early Childhood Education
<i>Recommended Program Electives:</i>
1060 Essentials of Addiction and Prevention 0927 Family and Community Services 0903 Parenting and Strong Families 0520 Work-Based Integration and Transition

Family & Community Services Career Pathway
WV CTE Program of Study: HU2320 Health and Safety Leadership
<i>Recommended Program Electives:</i>
6921 Community Health 1060 Essentials of Addiction and Prevention 6709 Fitness/Conditioning Activities 0904 Human Development 0520 Work-Based Integration and Transition
WV CTE Program of Study: HU1080 Rehabilitation Specialist
<i>Recommended Program Electives:</i>
1074 Advocacy and Empowerment 1100 Best Practices in Community Support

1060 Essentials of Addiction and Prevention 1110 Orientation to the Direct Support Role and Environment 1050 Wellness Issues for Special Populations 0520 Work-Based Integration and Transition
WV CTE Program of Study: HU1025 Social Services Assistant
<i>Recommended Program Electives:</i>
6921 Community Health 0711 Foundations of Health Science 6931 Health Education 0721 Medical Terminology 0520 Work-Based Integration and Transition
WV CTE Program of Study: HU2322 Childcare (Virtual)
<i>Recommended Program Electives:</i>
N/A
WV CTE Program of Study: HU2321 Family Services (Virtual)
<i>Recommended Program Electives:</i>
N/A
WV CTE Program of Study: HU2320 Health and Safety Leadership (Virtual)
<i>Recommended Program Electives:</i>
N/A

Personal Care Services Career Pathway
WV CTE Program of Study: HU2315 Aesthetics
<i>Recommended Program Electives:</i>
1739 General Aesthetics II 0520 Work-Based Integration and Transition
WV CTE Program of Study: HU2305 Barbering
<i>Recommended Program Electives:</i>
1155 Barbering Science Advanced 1153 Barbering Professional II 1156 Barbering Professional III 1157 Barbering Professional IV 1158 Barbering Professional Advanced
WV CTE Program of Study: HU2050 Barbering Apprenticeship
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: HU2310 Hair Stylist
<i>Recommended Program Electives:</i>

1738 Cosmetology Science I 1740 Cosmetology Science II 1730 Cosmetology Chemicals I 1750 Cosmetology Chemicals II 0520 Work-Based Integration and Transition
WV CTE Program of Study: HU2055 Nail Technology
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition

Information Technology Career Cluster™ (IT)

Computer Programming & Software Development Career Pathway
WV CTE Program of Study: IT2215 Computer Science (PLTW)
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition

Information Support & Services Career Pathway
WV CTE Program of Study: IT2210 Informatics (Advanced Career)
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition

Interactive Media Career Pathway
WV CTE Program of Study: IT1442 Coding, App and Game Design
<i>Recommended Program Electives:</i>
1473 Advanced Entrepreneurship 1692 Computer Hardware 1432 Digital Imaging/Multimedia II 1472 Principles of Entrepreneurship 0520 Work-Based Integration and Transition
WV CTE Program of Study: IT1450 Information Management/Microsoft Computer Applications Specialist
<i>Recommended Program Electives:</i>
1453 Microsoft IT Excel Expert 1427 Microsoft IT Outlook and OneNote 1433 Microsoft IT Word Expert 0520 Work-Based Integration and Transition
WV CTE Program of Study: IT1445 Simulation and Game Development (Virtual)
<i>Recommended Program Electives:</i>
N/A

Network Systems Career Pathway
WV CTE Program of Study: IT1640 CISCO Networking Academies
<i>Recommended Program Electives:</i>
1692 Computer Hardware 1693 Computer Operating Systems 1705 Fundamentals of Computer Systems 1654 CCNA1 1658 CCNA2 1659 CCNA3 1660 CCNA4 1696 Security+ 0520 Work-Based Integration and Transition

WV CTE Program of Study: IT1680 Computer Systems Repair Technology*Recommended Program Electives:*

1706 Imaging for the Web
1698 Linux Essentials
1715 Multimedia Applications
1695 Server+
1696 Security+
1709 Technical Computer Applications
1711 Web Development and Support
1697 Wireless Networking Essentials
0520 Work-Based Integration and Transition

Law, Public Safety, Corrections & Security Career Cluster™ (LA)

Emergency and Firefighting Management Services Career Pathway
WV CTE Program of Study: LA2200 Emergency and Firefighting Management Services
<i>Recommended Program Electives:</i>
2208 Auto Extrication 2209 Driver/Pump Operator 0792 Emergency Services 1 2202 Fire Science Technology 6709 Fitness/Conditioning Activities 1037 Strategic Security and Protection 2207 Telecommunicator 0520 Work-Based Integration and Transition

Law Enforcement Services Career Pathway
WV CTE Program of Study: LA1020 Law and Public Safety
<i>Recommended Program Electives:</i>
1060 Essentials of Addiction and Prevention 6709 Fitness/Conditioning Activities 0520 Work-Based Integration and Transition
WV CTE Program of Study: LA1021 Criminology (Virtual)
<i>Recommended Program Electives:</i>
N/A

Legal Services Career Pathway
WV CTE Program of Study: LA1490 Paralegal Assistant
<i>Recommended Program Electives:</i>
1417 Business Law 1449 Office Management 1031 Seminar in Courts and Legal Systems 1512 Workplace Practicum 0520 Work-Based Integration and Transition

Manufacturing Career Cluster™ (MA)

Maintenance, Installation, & Repair Career Pathway
WV CTE Program of Study: MA1780 Electronics Technician
<i>Recommended Program Electives:</i>
1783 Basic AC Circuits 1692 Computer Hardware 1787 DC Circuits and Electron Physics 1705 Fundamentals of Computer Systems 1763 Fundamentals of Electricity 1795 Wiring and Soldering 0520 Work-Based Integration and Transition
WV CTE Program of Study: MA1870 Industrial Equipment Maintenance
<i>Recommended Program Electives:</i>
1601 Basic Control Circuits 1605 Fundamentals of Air Conditioning/Refrigeration 1903 Fundamentals of Machine Tool Technology 1607 Heating Systems 1765 Industrial and Commercial Wiring 1771 Rotating Devices and Control Circuitry 0520 Work-Based Integration and Transition
Manufacturing Production Process Development Career Pathway
WV CTE Program of Study: MA2235 Advanced Manufacturing (Advanced Career)
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: MA1630 Robotics
<i>Recommended Program Electives:</i>
1728 Advanced Computer Aided Drafting 2436 Foundations in Engineering 1718 Introduction to Computer Aided Drafting 1713 Programming Concepts 0520 Work-Based Integration and Transition
Production Career Pathway
WV CTE Program of Study: MA1900 Machine Tool Technology
<i>Recommended Program Electives:</i>
1908 CNC Machining 1901 Engine Machining 1904 Integrated Machine Processes 1902 Machine Tool Technology 1906 Machining Processes and Applications 0520 Work-Based Integration and Transition

WV CTE Program of Study: MA2110 Metals Technology
<i>Recommended Program Electives:</i>
1905 Fundamentals of Machine Process 1987 Gas Metal Arc Welding 1989 Gas Tungsten Arc Welding 1909 Metal Trades Processes And Applications 0520 Work-Based Integration and Transition
WV CTE Program of Study: MA2120 Millwork and Cabinetmaking
<i>Recommended Program Electives:</i>
2124 Cabinet Construction 2125 Finishing Applications 1823 Finishing Carpentry 1827 Fundamentals of Building Construction 2122 Introduction to Millwork and Cabinetmaking 2123 Machine Operations 0520 Work-Based Integration and Transition
WV CTE Program of Study: MA1980 Welding
<i>Recommended Program Electives:</i>
1983 Blueprint Reading and Metallurgy 1987 Gas Metal Arc Welding 1989 Gas Tungsten Arc Welding 1982 Ornamental Metalwork 0520 Work-Based Integration and Transition

Marketing Career Cluster™ (MK)

Marketing Management Career Pathway
WV CTE Program of Study: MK0420 Marketing Management
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition

Science, Technology, Engineering & Mathematics Career Cluster™ (ST)

Engineering & Technology Career Pathway
WV CTE Program of Study: ST2200 Aerospace Engineering (Advanced Career)
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: ST2225 Clean Energy (Advanced Career)
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: ST2175 Energy, Power and Engineered Systems (Advanced Career)
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: ST2205 Innovations in Science and Technology (Advanced Career)
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition
WV CTE Program of Study: ST2460 Pre-Engineering – Project Lead the Way
<i>Recommended Program Electives:</i>
2436 Foundations in Engineering
0520 Work-Based Integration and Transition
WV CTE Program of Study: ST1790 STEM
<i>Recommended Program Electives:</i>
2436 Foundations in Engineering
2445 Mechanical Services Systems
2451 Fundamentals of Millwork and Cabinetmaking
1727 Drafting Techniques
1729 Fundamentals of Drafting
0520 Work-Based Integration and Transition

Transportation, Distribution & Logistics Career Cluster™ (TR)

Facility & Mobile Equipment Maintenance Career Pathway
WV CTE Program of Study: TR1620 Automotive Technology
<i>Recommended Program Electives:</i>
1621 Alternative Fuels 1627 Automotive Technology AST-4 1629 Automotive Technology AST-1 1633 Automotive Technology AST-2 1635 Automotive Technology AST-3 0520 Work-Based Integration and Transition
WV CTE Program of Study: TR1670 Collision Repair Technology
<i>Recommended Program Electives:</i>
1631 Automotive Technology MLR-1 1676 Custom Finishing Processes 1672 Detailing and Interior Parts 1673 Mechanical and Electrical Components 1674 Refinishing Techniques 0520 Work-Based Integration and Transition
WV CTE Program of Study: TR1740 Diesel Equipment Technology
<i>Recommended Program Electives:</i>
1631 Automotive Technology MLR-1 1625 Automotive Technology MLR-3 1637 Automotive Technology MLR-4 1743 Diesel Engine Tune Up and Trouble Shooting 1742 Diesel Equipment Electrical Systems 1745 Diesel Preventive Maintenance and Inspection 1749 Diesel Truck Chassis Concepts 0520 Work-Based Integration and Transition
WV CTE Program of Study: TR1960 Power Equipment Systems
<i>Recommended Program Electives:</i>
1973 Compact Diesels 1974 Generators 1970 Power Equipment Systems Applications 1972 Recreational Applications 0520 Work-Based Integration and Transition
Transportation Systems / Infrastructure Planning, Management & Regulation Career Pathway
WV CTE Program of Study: TR2215 Global Logistics and Supply Chain Management (Advanced Career)
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition

WV CTE Program of Study: TR1625 Transportation Technology
<i>Recommended Program Electives:</i>
0520 Work-Based Integration and Transition

West Virginia Career Cluster™ (WV)

Career Integrated Experiential Learning Career Pathway
WV CTE Program of Study: WV5501 Career Integrated Experiential Learning (CIEL)
<i>Recommended Program Electives:</i>
N/A

Individual Work Readiness Certificate Career Pathway
WV CTE Program of Study: WV5502 Individual Work Readiness Certificate (IWRC)
<i>Recommended Program Electives:</i>
N/A