



CLEARFIELD HIGH CTE PATHWAYS

CTE Pathways for Agriculture, Food & Natural Resources

Animal & Veterinary Science	Food Science, Dietetics & Nutrition	Plant Science
Required <ul style="list-style-type: none"> • Animal Science 2 (1) 	Required <ul style="list-style-type: none"> • Dietetics and Nutrition (.5) 	Required <ul style="list-style-type: none"> • Floriculture (.5)
Elective <ul style="list-style-type: none"> • Animal Science 1 (1) • Biology-Agriculture Science (1) • Business Communication (.5) • Veterinary Assistant (1) • CTE Internship (1) 	Elective <ul style="list-style-type: none"> • Food and Nutrition – 9th (.5) • Foundations of Nutrition (.5) • Human Development (.5) • Medical Anatomy & Physiology (1) • CTE Internship (1) 	Elective <ul style="list-style-type: none"> • Biology-Agriculture Science (1) • Business Communication (.5) • Greenhouse Mgmt. (.5) • Plant and Soil Science (1) • CTE Internship (1)
Pathway Completer – one required class and enough classes to total 3 credits. Semester Course = 0.5 Credit		
Year Course = 1 Credit		

CTE Pathways for Architecture & Construction

<i>Architectural Design (CAD) Magnet to Layton</i>	<i>Construction & Structural Systems Magnet to Layton or Catalyst</i>	Interior Design
Required <ul style="list-style-type: none"> • CAD Architectural Design 2 (1) (Layton) 	Required <ul style="list-style-type: none"> • Construction Management 2 (1) (Layton, Syracuse, Catalyst) 	Required <ul style="list-style-type: none"> • Interior Design 2 (.5)
Elective <ul style="list-style-type: none"> • CAD Architectural Design 1 (1) (Layton) • CAD Architectural Design 3 (1) (Layton) • Construction Technology – 9th (.5) • CTE Internship (1) 	Elective <ul style="list-style-type: none"> • Construction Management 1 (1) (Layton, Syracuse, Catalyst) • Construction Management 3 (1) (Layton, Catalyst) • Woods 1 (.5) • CTE Internship (1) 	Elective <ul style="list-style-type: none"> • Bus. Communication (.5) • CAD Architectural Design 1 (1) (Layton) • Digital Media 1 (.5) • Interior Design 1 (.5) • Marketing 1 (.5) • CTE Internship (1)
Pathway Completer – one required class and enough classes to total 3 credits. Semester Course = 0.5 Credit		
Year Course = 1 Credit		

CTE Pathways for Arts, Audio/Visual Technology & Communications

Broadcasting and Digital Media	Fashion Apparel & Textiles	Graphic Design & Communication
Required <ul style="list-style-type: none"> • 3D Animation (.5) • <i>Digital Audio 1 (.5) (Catalyst)</i> • Digital Media 1 (.5) • Video Production (1) (.5) 	Required <ul style="list-style-type: none"> • Sewing Construction/Textiles 2 (.5) • <i>Fashion Design Merchandising (.5) (Layton)</i> 	Required <ul style="list-style-type: none"> • Commercial Photography 1 (.5) • <i>Commercial Art 2 (.5) (Catalyst)</i>
Elective <ul style="list-style-type: none"> • 3D Graphics (.5) • Computer Programming 1 (.5) • <i>Computer Science Principles (.5-1) (Farmington, Layton, Northridge)</i> • <i>Digital Audio 2 (.5) (Catalyst)</i> • Digital Media 2 (.5) • <i>Video Production 2 (.5) (Catalyst)</i> • Web Development (.5) • CTE Internship (1) 	Elective <ul style="list-style-type: none"> • Digital Media 1 (.5) • Fashion Design Studio (.5) • Sewing Construction/Textiles 1 (.5) • Sewing Construction/Textiles 3 (.5) • CTE Internship (1) 	Elective <ul style="list-style-type: none"> • <i>Commercial Art 1 (.5) (Catalyst)</i> • Digital Media 1 (.5) • Commercial Photography 2 (.5) • CTE Internship (1)
Pathway Completer – one required class and enough classes to total 3 credits. Semester Course = 0.5 Credit		
Year Course = 1 Credit		

CTE Pathways for Business, Finance & Marketing

Accounting and Finance	Business Administration	Business Information Management	Marketing
Required <ul style="list-style-type: none"> • Accounting 2 (.5) 	Required <ul style="list-style-type: none"> • Business Management (.5) 	Required <ul style="list-style-type: none"> • Bus Office Specialist (.5) • Digital Business Apps (.5) 	Required <ul style="list-style-type: none"> • <i>Retailing (.5) (Layton, NR, Syracuse, Farmington)</i> • <i>Digital Marketing (.5) (Layton, Davis, Syracuse, Farmington)</i>
Elective <ul style="list-style-type: none"> • Accounting 1 (.5) • Bus. Communication 1 (.5) • <i>Business Law (.5) (Farmington, Syracuse)</i> • Customer Service (.5) • <i>Economics (.5) (Syracuse)</i> • Entrepreneurship (.5) • Marketing 1 (.5) • Web Development 1 (.5) • CTE Internship (1) • <i>Business and Marketing Capstone (.5) (Catalyst)</i> 	Elective <ul style="list-style-type: none"> • Accounting I (.5) • Bus. Communication 1 (.5) • <i>Business Law (.5) (Farmington, Syracuse)</i> • Customer Service (.5) • Digital Media 1 (.5) • <i>Economics (.5) (Syracuse)</i> • Entrepreneurship (.5) • Marketing 1 (.5) • Web Development 1 (.5) • CTE Internship (1) • <i>Business and Marketing Capstone (.5) (Catalyst)</i> 	Elective <ul style="list-style-type: none"> • Accounting I (.5) • Bus. Communication 1 (.5) • <i>Business Law (.5) (Farmington, Syracuse)</i> • Customer Service (.5) • Digital Media 1 (.5) • Entrepreneurship (.5) • Web Development 1 (.5) • CTE Internship (1) • <i>Business and Marketing Capstone (.5) (Catalyst)</i> 	Elective <ul style="list-style-type: none"> • Accounting 1 (.5) • Bus. Communication 1 (.5) • <i>Business Law (.5) (Farmington, Syracuse)</i> • Customer Service (.5) • Digital Media 1 (.5) • Entrepreneurship (.5) • Marketing 1 (.5) • <i>Sports & Ent. Marketing (.5) (Layton, Syracuse)</i> • Web Development 1 (.5) • CTE Internship (1) • <i>Business and Marketing Capstone (.5) (Catalyst)</i>
Pathway Completer – one required class and enough classes to total 3 credits. Semester Course = 0.5 Credit			
Year Course = 1 Credit			

CTE Pathways for Computer Science & Information Technology

Cybersecurity	Programming & Software Development	Web Development
Required <ul style="list-style-type: none"> • <i>Cybersecurity Defense and Ethics (.5) (Catalyst)</i> 	Required <ul style="list-style-type: none"> • Computer Programming 2 (.5) 	Required <ul style="list-style-type: none"> • <i>Web Development 2 (.5) (Catalyst)</i>
Elective <ul style="list-style-type: none"> • Computer Programming 1 (.5) • <i>Computer Science Principles (.5) (Magnet)</i> • Exploring Computer Science (.5) • Web Development 1 (.5) • CTE Internship (1) • <i>Cybersecurity Forensics (.5) (Catalyst)</i> 	Elective <ul style="list-style-type: none"> • <i>Advanced Computer Programming (1) (Catalyst)</i> • <i>AP Computer Science Principles (1) 9th or (Farmington, Northridge)</i> • <i>AP Computer Science (1) (Magnet to Layton or Syracuse)</i> • Computer Programming 1 (.5) • <i>Computer Science Principles (.5) (Magnet)</i> • Exploring Computer Science (.5) • <i>Gaming Fundamentals 2 (.5) (Catalyst or Farmington)</i> • Robotics 1 (.5) • <i>Robotics Technology – 9th (.5)</i> • CTE Internship (1) 	Elective <ul style="list-style-type: none"> • <i>Computer Science Principles (.5) (Magnet)</i> • Digital Media (.5) • Entrepreneurship (.5) • Exploring Computer Science (.5) • Web Development 1 (.5) • CTE Internship (1)
Pathway Completer – one required class and enough classes to total 3 credits. Semester Course = 0.5 Credit		
Year Course = 1 Credit		

CTE Pathways for Education & Training

Pre-K: Early Childhood Education	K-12: Teaching as a Profession
Required <ul style="list-style-type: none"> • Early Childhood Education 2 (.5) 	Required <ul style="list-style-type: none"> • Teaching as a Profession 2 (.5)
Elective <ul style="list-style-type: none"> • Child Development (.5) • Early Childhood Education 1 (.5) • Early Childhood Education 3 (.5) • <i>Food and Nutrition – 9th (.5)</i> • CTE Internship (1) 	Elective <ul style="list-style-type: none"> • Business Communication (.5) • English 1010 (.5) • Human Development (.5) • Math 1050 (.5) • <i>Teaching as a Profession 1 – 9th (.5)</i> • Teaching as a Profession 3 (.5) • CTE Internship (1)
Pathway Completer – one required class and enough classes to total 3 credits. Semester Course = 0.5 Credit	
Year Course = 1 Credit	

CTE Pathways for Engineering & Technology

Engineering	Mechanical Design (CAD)
Required <ul style="list-style-type: none"> • <i>Aerospace Engineering (1) (Layton, Woods Cross)</i> • <i>Engineering Principles 2 (.5)</i> • <i>Electronics 2 (.5) (Farmington)</i> 	Required <ul style="list-style-type: none"> • <i>CAD Mechanical Design 2 (.5)</i>
Elective <ul style="list-style-type: none"> • <i>CAD Architectural Design 1 (.5) (Layton)</i> • <i>CAD Mechanical Design (.5) (Farmington)</i> • <i>CAM Automated Manufacturing (1) (Northridge)</i> • <i>Composites 1 & Manufacturing Principles 1 (1)</i> • <i>Electronics 1 (.5) (Farmington)</i> • <i>Electronics 3 (.5) (Farmington)</i> • <i>Engineering Capstone (1) (Northridge, Farmington, Syracuse, Davis)</i> • <i>Engineering Principles 1 (.5)</i> • <i>Engineering Technology – 9th (.5)</i> • <i>Intro to Engineering Design 1 & 2 (1)</i> • <i>Machining 1 (.5) (Northridge)</i> • <i>Robotics 1 (.5)</i> • <i>Robotics Technology – 9th (.5)</i> • <i>Welding 1 (1)</i> • <i>Woods 1 (.5)</i> • <i>CTE Internship (1)</i> 	Elective <ul style="list-style-type: none"> • <i>CAD Mechanical Design 1 (.5) (Farmington)</i> • <i>CAD Mechanical Design 3 (.5) (Farmington)</i> • <i>CAM Automated Manufacturing (1) (Northridge)</i> • <i>Composites 1 (.5)</i> • <i>Engineering Technology – 9th (.5)</i> • <i>Machining 1 (.5) (Northridge)</i> • <i>Welding 1 (1)</i> • <i>Woods 1 (.5)</i> • <i>CTE Internship (1)</i>
Pathway Completer – one required class and enough classes to total 3 credits. Semester Course = 0.5 Credit	
Year Course = 1 Credit	

CTE Pathways for Health Science

Health Science
Required <ul style="list-style-type: none"> • <i>Advanced Health Science (2)</i> • <i>Biotechnology (Farmington, Northridge, Syracuse, Woods Cross)</i> • <i>Emergency Medical Response (.5)</i> • <i>Exercise Science Sports Medicine (1)</i> • <i>Medical Assistant (1) (Catalyst)</i> • <i>Medical Forensics (1) (Farmington, Layton, Northridge, Syracuse)</i> • <i>Nurse Assistant – CNA (1)</i> • <i>Pharmacy Technician (1) (Catalyst)</i>
Elective <ul style="list-style-type: none"> • <i>Intro to Health Science (1)</i> • <i>Human Development (.5)</i> • <i>Medical Anatomy & Physiology (1)</i> • <i>Medical Terminology (1)</i> • <i>CTE Internship (1)</i>
Pathway Completer – one required class and enough classes to total 3 credits. Semester Course = 0.5 Credit
Year Course = 1 Credit

CTE Pathways for Hospitality & Tourism

Hospitality & Tourism	Culinary Arts
Required <ul style="list-style-type: none"> • Hospitality and Tourism (.5) 	Required <ul style="list-style-type: none"> • ProStart 1 (1)
Elective <ul style="list-style-type: none"> • Accounting 1 (.5) • <i>Business and Marketing Capstone (1) (Catalyst)</i> • Business Communication 1 (.5) • <i>Business Law (.5) (Farmington, Syracuse)</i> • Culinary Arts 1 (.5) • Customer Service (.5) • Digital Media 1 (.5) • <i>Economics (.5) (Syracuse)</i> • Entrepreneurship (.5) • Marketing 1 (.5) • Web Development 1 (.5) • CTE Internship (1) • <i>Business and Marketing Capstone (.5) (Catalyst)</i> 	Elective <ul style="list-style-type: none"> • Baking and Pastry (.5) • Customer Service (.5) • <i>Food and Nutrition – 9th (.5)</i> • Culinary Arts 1 (.5) • ProStart 2 (1) • CTE Internship (1)
Pathway Completer – one required class and enough classes to total 3 credits. Semester Course = 0.5 Credit	
Year Course = 1 Credit	

CTE Pathways for Family & Human Services

Family and Human Services	Personal Care Services
Required (1 credit) <ul style="list-style-type: none"> • Individual and Family Relationships (.5) • Personal and Family Finance (.5) (Both taught together in a year-long course) 	Required (.5 credit) <ul style="list-style-type: none"> • <i>Basic Esthetician and Skin Care (DTC)</i> • <i>Cosmetology (DTC, Avalon)</i> • <i>Hair Design (DTC)</i> • <i>Nail Technician (DTC)</i>
Elective (2 credits) <ul style="list-style-type: none"> • Intro to Health Science (1) • Human Development (.5) • CTE Internship (1) 	Elective (2.5 credits) <ul style="list-style-type: none"> • Accounting 1 (.5) • Business Management (.5) • CTE Internship (1)
Pathway Completer – one required class and enough classes to total 3 credits. Semester Course = 0.5 Credit	
Year Course = 1 Credit	

CTE Pathways for Manufacturing & Transportation

Manufacturing & Production	Welding & Machining	Automotive
Required <ul style="list-style-type: none"> • <i>Composites 2 (DTC)</i> • <i>Woods 2 (1)</i> 	Required <ul style="list-style-type: none"> • <i>Machining 2 (.5) (Northridge)</i> • <i>Welding 2 (1)</i> 	Required <ul style="list-style-type: none"> • <i>ASE Chassis MLR – Auto 2 (1)</i> • <i>ASE Engine MLR – Auto 3 (1)</i>
Elective <ul style="list-style-type: none"> • <i>CAD Mechanical Design (.5) (Farmington)</i> • <i>CAM Automated Manufacturing (1) (NR)</i> • <i>Composites & Manufacturing Principles 1 (1)</i> • <i>Manufacturing Technology – 9th (.5)</i> • <i>Woods 1 (.5)</i> • <i>Woods 3 (1)</i> • <i>CTE Internship (1)</i> 	Elective <ul style="list-style-type: none"> • <i>Machining 1 (.5) (Northridge)</i> • <i>Welding 1 (1)</i> • <i>Welding 3 (1)</i> • <i>CTE Internship (1)</i> 	Elective <ul style="list-style-type: none"> • <i>Intro to Auto Service – Auto 1 (.5)</i> • <i>Electronics 1 (.5) (Farmington)</i> • <i>Machining 1 (.5) (Northridge)</i> • <i>Transportation Technology – 9th (.5)</i> • <i>Welding 1 (1)</i> • <i>CTE Internship (1)</i>
Pathway Completer – one required class and enough classes to total 3 credits. Semester Course = 0.5 Credit		
Year Course = 1 Credit		

Pathways not taught in Davis School District:

- Agricultural Mechanics System
- Agricultural Production Systems
- Aviation
- Diesel (taught at DTC)
- Information Technology Systems
- Natural Resource Science
- Protective Services