

Cleveland High School
2022-2023 CTE Career Pathways

To be a Career & Technical Education Concentrator, a student must complete a Concentrator course with the required prerequisites.

****Denotes Required Foundational Prerequisite to corresponding courses.***

Career Cluster	Career Pathways	Ready! <i>Foundational Prerequisite Courses* and/or Supplemental Courses</i>	Set! <i>Prerequisite Courses Concentrator Courses</i>		Go! <i>Career Pathway Courses</i>
Agriculture, Food & Natural Resources	Animal Systems; Equine Science; Natural Resources Systems; Plant Systems; Power, Structural & Technical System; Sustainable Agriculture Production	AU10 Agriscience Applications BM10 Microsoft Word & PPT	AA21 Animal Science I*	AA22 Animal Science II-Food Animal OR AA23 Animal Science II-Companion Animal	AA41 Veterinary Assisting CTE Advanced Studies CTE Apprenticeship CTE Internship
			AP41 Horticulture I*	AP42 Horticulture II AP44 Horticulture II - Landscaping	
			AS31 Agricultural Mechanics I*	AS32 Agricultural Mechanics II AS33 Agricultural Mechanics II - Small Engines	
Architecture & Construction	Carpentry; Drafting Architectural; Electrical Trades; HVAC/R; Interior Design; Masonry; Plumbing	BM10 Microsoft Word & PPT FC11 Principles of Family & Human Services II31 Adobe Visual Design I	Interior Design Fundamentals*	Interior Design Studio	CTE Advanced Studies CTE Apprenticeship CTE Internship
Arts, A/V Technology & Communication	Adobe Academy; Apparel & Textile Production; Digital Design & Animation; Game Art Design	BM10 Microsoft Word & PPT MM51 Marketing I ME11 Entrepreneurship I	II41 Adobe Visual Design I	II43 Adobe Digital Design	CTE Advanced Studies CTE Apprenticeship CTE Internship
Business Management & Administration Finance	Entrepreneurship; General Management; Project Management Accounting; Financial Securities & Investments	BF10 Business Essentials* (Prev Principles of Business)	BB40 Business Management I*	BB42 Business Management II	CTE Advanced Studies CTE Apprenticeship CTE Internship
		BM10 Microsoft Word & PPT BF10 Business Essentials BM10 Microsoft Word & PPT MM51 Marketing		ME11 Entrepreneurship I* ME12 Entrepreneurship II	
Finance	Accounting; Financial Securities & Investments	BF10 Business Essentials*	BF21 Financial Planning I*	BF22 Financial Planning II	CTE Advanced Studies CTE Apprenticeship CTE Internship
		BM10 Microsoft Word & PPT			
Health Science	Biomedical Technology; Healthcare Professional	HU10 Foundations of Health Science BM10 Microsoft Word & PPT	HU40 Health Science I*	HU42 Health Science II	CTE Advanced Studies CTE Apprenticeship CTE Internship
			HU40 Health Science I*	HB11 Biomedical Technology	

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Hospitality & Tourism	Culinary Arts; Sports & Entertainment Marketing; Travel & Tourism	BM10 Microsoft Word & PPT ME11 Entrepreneurship I	BF10 Business Essentials* OR MM51 Marketing* OR MH31 Sport & Event Marketing I*	MH 42 Hospitality and Tourism	CTE Advanced Studies CTE Apprenticeship CTE Internship
			MH31 Sport & Event Marketing I*	MH32 Sport & Event Marketing II	
Human Services	Counseling & Mental Health; Early Childhood Development & Services; Food & Nutrition	FC11 Principles of Family & Human Services BM10 Microsoft Word & PPT	FC13 Counseling & Mental Health I*	FC14 Counseling & Mental Health II	CTE Advanced Studies CTE Apprenticeship CTE Internship
			FE60 Child Development*	FE11 Early Childhood Education I* (2 credits) <i>*Students must be 16 by October 1st</i>	
			FN41 Food and Nutrition I*	FN42 Food and Nutrition II	
Law, Public Safety, and Corrections <i>Offered via cross enrollment at Clayton High</i>	Emergency Management; Emergency Medical Technology; FireFighter Technology; Law Enforcement & Legal Services	IP11 Public Safety I HU40 Health Science I BM10 Microsoft Word & PPT	IP31 FireFighter Technology I*	IP32 FireFighter Technology II	IP33 FireFighter Technology III CTE Advanced Studies CTE Apprenticeship CTE Internship
Science, Technology, Engineering & Mathematics	Drafting Engineering; Technology Engineering and Design	BM10 Microsoft Word & PPT	TE11 Technology Engineering and Design*	TE13 Engineering Design	CTE Advanced Studies CTE Apprenticeship CTE Internship
		ID10 Drone Technology Fundamentals	ID 11 Drone Technology I* <i>*Minimum 16 age requirement for enrollment by the end of the course due to FAA Part 107 U.S. Commercial Drone Pilot Certification age requirement</i>	ID12 Drone Technology II <i>*Students must have their FAA Part 107 U.S. Commercial Drone Pilot Certification and the NCDOT Operator's Permit.</i>	