

COX MILL HIGH SCHOOL - Career Cluster Sheet for 9th - 12th Graders - 2018-19

NOTE: Students who transfer from other high schools may find courses taken there on an expanded list. Counselors and the CDC have the expanded list.

CAREER CLUSTER All Cluster 3 + 1 unless noted.	FOUNDATIONAL COURSES for CMHS Choose at least three but up to four courses, including one level two course (denoted by asterisk*).		ENHANCEMENT COURSES for CMHS You may choose one course from this list. Students who chose four Foundational courses do not have to choose any from this list.	
Agriculture, Food & Natural Resources	<ul style="list-style-type: none"> Principles of Family & Human Services Personal Finance Foods I Horticulture I 	<ul style="list-style-type: none"> Horticulture II* Biotechnology & Agriscience Research I Biotechnology Agriscience Research II* 	<ul style="list-style-type: none"> Microsoft Word and PowerPoint Microsoft Excel and Access Marketing Entrepreneurship I Principles of Business & Finance 	
	¹ CCP/CTE PATHWAY OPTION: Biotechnology			
Architecture & Construction	<ul style="list-style-type: none"> Core and Sustainable Construction Principles of Family & Human Services Personal Finance Principles of Business & Finance Masonry I Drafting I 	<ul style="list-style-type: none"> Masonry II* Masonry III Drafting II – Architectural* Drafting III – Architectural 	<ul style="list-style-type: none"> Multimedia & Webpage Design Microsoft Word and PowerPoint Microsoft Excel and Access Marketing Entrepreneurship I 	
	¹ CCP/CTE PATHWAY OPTION: HVAC, Construction Management, Electrical Systems, Electrical Engineering, Mechanical Drafting, Welding			
Arts, A/V Technology & Communication	<ul style="list-style-type: none"> Marketing Microsoft Word and PowerPoint Multimedia & Webpage Design Entrepreneurship I 	<ul style="list-style-type: none"> Adobe Visual (AoIT Only) Adobe Digital* (AoIT Only) Adobe Video* (AoIT Only) 	<ul style="list-style-type: none"> Microsoft Excel and Access Principles of Business & Finance Personal Finance Principles of Family & Human Services 	
	¹ CCP/CTE PATHWAY OPTION: Advertising & Graphic Design, Information Technology			
Business Management & Administration	<ul style="list-style-type: none"> Principles of Business & Finance Microsoft Word and PowerPoint Microsoft Excel and Access Accounting I 	<ul style="list-style-type: none"> Entrepreneurship I* 	<ul style="list-style-type: none"> Multimedia & Webpage Design Marketing Personal Finance 	
	¹ CCP/CTE PATHWAY OPTION: IT Essentials			
Finance	<ul style="list-style-type: none"> Principles of Business & Finance Personal Finance Microsoft Excel and Access Accounting I Entrepreneurship I 	<ul style="list-style-type: none"> Accounting II* 	<ul style="list-style-type: none"> Principles of Family & Human Services Microsoft Word and PowerPoint Marketing 	
	¹ CCP/CTE PATHWAY OPTION: IT Essentials			
Health Sciences	<ul style="list-style-type: none"> Health Team Relations Biomedical Technology I Health Science I 	<ul style="list-style-type: none"> Biomedical Technology II* Health Science II* Nursing Fundamentals (by application) 	<ul style="list-style-type: none"> Microsoft Word and PowerPoint Microsoft Excel and Access Marketing Biotechnology & Agriscience Research I 	<ul style="list-style-type: none"> Foods I Entrepreneurship I Principles of Business & Finance Personal Finance Principles of Family & Human Services
	¹ CCP/CTE PATHWAY OPTION: Nurse Aide			
Hospitality & Tourism	<ul style="list-style-type: none"> Foods I ProStart I Sports & Entertainment Marketing I Marketing Principles of Business & Finance Entrepreneurship I 	<ul style="list-style-type: none"> Foods II-Enterprise* ProStart II* Sports & Entertainment Marketing II* 	<ul style="list-style-type: none"> Multimedia & Webpage Design Microsoft Word and PowerPoint Microsoft Excel and Access Personal Finance Principles of Family & Human Services 	
	¹ CCP/CTE PATHWAY OPTION: Motorsports Management			
Human Services	<ul style="list-style-type: none"> Principles of Family & Human Services Personal Finance Principles of Business & Finance 	<ul style="list-style-type: none"> Foods I Foods II* 	<ul style="list-style-type: none"> Microsoft Word and PowerPoint Microsoft Excel and Access Entrepreneurship I 	
	¹ CCP/CTE PATHWAY OPTION: Cosmetology, Early Childhood Ed, Esthetics, Manicuring/Nail Tech			
Information Technology	<ul style="list-style-type: none"> Principles of Business & Finance Microsoft Word and PowerPoint Microsoft Excel and Access Python Programming I AP Principles of Computer Science AP Computer Science 	<ul style="list-style-type: none"> Python Programming II* Multimedia & Webpage Design* AoIT (NAF) Adobe Visual (AoIT Only) Adobe Digital* (AoIT Only) Adobe Video* (AoIT Only) 	<ul style="list-style-type: none"> Entrepreneurship I Personal Finance 	
	CCP/CTE PATHWAY OPTIONS: IT Essentials, IT Mobile Device Programming			

¹CCP/CTP Pathway courses should be reviewed by the Career Development Coordinator for eligibility for Career Cluster completion.

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Law, Public Safety, Corrections & Security	NO CLASSES TAUGHT AT COX MILL HIGH SCHOOL. STUDENTS MAY TAKE THE CCP CRIMINAL JUSTICE SEQUENCE OR TRAVEL TO CONCORD HIGH SCHOOL FOR THEIR FIRE ACADEMY COURSES.	<ul style="list-style-type: none"> • Microsoft Word and PowerPoint • Microsoft Excel and Access 	<ul style="list-style-type: none"> • Principles of Business & Finance • Personal Finance
	¹ CCP/CTE PATHWAY OPTION: Criminal Justice		
Manufacturing	<ul style="list-style-type: none"> • Marketing • Entrepreneurship I • Principles of Business & Finance 	COX MILL HIGH SCHOOL ONLY OFFERS LEVEL TWO COURSES THROUGH THE CCP OPTIONS.	
	¹ CCP/CTE PATHWAY OPTION: Computer-Integrated Machining, Welding	<ul style="list-style-type: none"> • Multimedia & Webpage Design • Microsoft Word and PowerPoint • Microsoft Excel and Access 	<ul style="list-style-type: none"> • Drafting I • Personal Finance
Marketing	<ul style="list-style-type: none"> • Principles of Business & Finance • Marketing 		
	¹ CCP/CTE PATHWAY OPTION: Advertising and Graphic Design		
Science, Technology, Engineering & Mathematics	<ul style="list-style-type: none"> • Drafting I • Drafting II – Engineering* • Drafting III - Engineering 	<ul style="list-style-type: none"> • Multimedia & Webpage Design • Microsoft Word and PowerPoint • Microsoft Excel and Access • Horticulture I 	<ul style="list-style-type: none"> • Biotechnology & Agriscience Research I • Entrepreneurship I • Principles of Business & Finance • Personal Finance
	¹ CCP/CTE PATHWAY OPTION		
Transportation, Distribution & Logistics	<ul style="list-style-type: none"> • Marketing • Marketing Applications* • Entrepreneurship I 	<ul style="list-style-type: none"> • Microsoft Word and PowerPoint • Microsoft Excel and Access • Principles of Business & Finance • Personal Finance 	
	¹ CCP/CTE PATHWAY OPTION: Automotive Systems, Motorsports Management		
Fine Arts	<ul style="list-style-type: none"> • Concert Band (various levels)* • Symphonic Band (various levels)* • Wind Ensemble Proficient* • Wind Ensemble Advanced* • Mixed Chorus (various levels)* • Chamber Choir (various levels)* • Women’s Ensemble (various levels) 	<ul style="list-style-type: none"> • Visual Arts (various levels)* • Ceramics (various levels)* • Digital Photography Intermediate* • Painting (various levels)* • AP Studio Art* 	<ul style="list-style-type: none"> • Yearbook • Drafting I • Drafting II – Architectural • Drafting III – Architectural • Microsoft Word and PowerPoint • Multimedia & Webpage Design • Music Appreciation
	*Cluster must include four courses with at least one second level (intermediate) course.		
	<ul style="list-style-type: none"> • Broadcasting I – IV* • Dance (various levels)* 	<ul style="list-style-type: none"> • Fundamentals & Foundations of Theatre • Theatre Application (various levels)* • Technical Theatre (various levels)* 	
	*Cluster must include four courses with at least one second level (intermediate) course.	Typical sequence is: Beginning→Intermediate→Proficient→Advanced	
World Languages	This is the ONLY 2 + 2 Cluster. Choose at least two foundational courses and two enhancement courses. One course must be a Level Two* course.	<ul style="list-style-type: none"> • Chinese III or IV • Spanish III or IV • AP Spanish • Intro to Broadcasting • Broadcasting II, III or IV • 5th Math Course (beyond grad RQ) • 4th Science Course (beyond grad RQ) • Intro to Old or New Testament • Advanced Old or New Testament • Yearbook • ACT Prep or SAT Prep 	<ul style="list-style-type: none"> • AP English Language • AP English Literature • Military History • Multicultural Studie • Psychology • AP Human Geography • AP Psychology • AP US Gov & Politics • AP US History • AP World History
	<ul style="list-style-type: none"> • Chinese I • Chinese II* • Spanish I or Elementary Spanish I CCP SPA 111 • Spanish II* or Elementary Spanish II CCP SPA 112 • Elementary German I CCP GER 111 • Elementary German II CCP GER 112 • Elementary French I CCP FRE 111 • Elementary French II CCP FRE 112 		
JROTC	Students interested in taking a JROTC sequence must work with their School Counselor to make a plan for taking these courses at another high school in Cabarrus County.		

¹CCP/CTP Pathway courses should be reviewed by the Career Development Coordinator for eligibility for Career Cluster completion.