

CTE Career Cluster Architecture					
CTE Career Pathway Drafting Architectural (DRFA)					
Pathway Completer		CTE Course 1	CTE Course 2	CTE Course 3	CTE Career Pathway Major
CTE Concentrator	CTE Major	IC61 Drafting I	IC62 Drafting II – Architectural*	IC63 Drafting III – Architectural	Work-Based Learning: CTE Apprenticeship, Cooperative Education (Co-op), Clinical or CTE Internship
Supplemental CTE Courses	BM10 Microsoft Word and PowerPoint BM20 Microsoft Excel				
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway				
CTE Industry Recognized Credentials: WorkKeys National Career Readiness Certificate, Autodesk Certified User AutoCAD, Autodesk Certified User Revit, Autodesk Certified Professional Revit					
CTE Careers Existing Today and Tomorrow: Architect, Construction Material Designer, Structural Engineer, Global System Architect					

*Denotes CTE Concentrator Course

CTE Career Cluster Arts, A/V Technology, & Communications					
CTE Career Pathway Digital Design and Animation (DIDE)					
Pathway Completer		CTE Course 1	CTE Course 2	CTE Course 3	CTE Career Pathway Major
CTE Concentrator	CTE Major	TS24 Digital Design and Animation I	TS25 Digital Design and Animation II*	II33 Adobe Video Design	Work-Based Learning: CTE Apprenticeship, Cooperative Education (Co-op), Clinical or CTE Internship
Supplemental CTE Courses	BM10 Microsoft Word and PowerPoint BM20 Microsoft Excel ME11 Entrepreneurship I				
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway				
CTE Industry Recognized Credentials: WorkKeys National Career Readiness Certificate, Adobe Dreamweaver					
CTE Careers Existing Today and Tomorrow: Graphic Designer, Digital Art Director, Virtual Animation Architect, Futuristic Design Coordinator					

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CTE Career Cluster Arts, A/V Technology, & Communications					
CTE Career Pathway Game Art Design (GADE)					
Pathway Completer		CTE Course 1	CTE Course 2	CTE Course 3	CTE Career Pathway Major
CTE Concentrator	CTE Major	TS24 Digital Design and Animation I	TS31 Game Art Design*	TS32 Advanced Game Art Design	Work-Based Learning: CTE Apprenticeship, Cooperative Education (Co-op), Clinical or CTE Internship
Supplemental CTE Courses	TS25 Digital Design and Animation II BM10 Microsoft Word and PowerPoint BM20 Microsoft Excel				
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway				
CTE Industry Recognized Credentials: WorkKeys National Career Readiness Certificate, TBD by Industry Partners					
CTE Careers Existing Today and Tomorrow: Developer Relations Technical Creator, 3D Game Sculptor, Marketing and Production Game Artist, Data Analytics Specialist, Mixed Reality Game Inventor					

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<p align="center">CTE Career Cluster Business Management and Administration</p>					
<p align="center">CTE Career Pathway Entrepreneurship (ENTRE)</p>					
Pathway Completer		CTE Course 1	CTE Course 2	CTE Course 3	CTE Career Pathway Major
CTE Concentrator	CTE Major	BF10 Principles of Business and Finance or MM51 Marketing	ME11 Entrepreneurship I	ME12 Entrepreneurship II*	Work-Based Learning: CTE Apprenticeship, Cooperative Education (Co-op), Clinical or CTE Internship
Supplemental CTE Courses	BM10 Microsoft Word and PowerPoint BM20 Microsoft Excel				
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway				
CTE Industry Recognized Credentials: WorkKeys National Career Readiness Certificate, Concepts of Entrepreneurship & Management; Venture Entrepreneurial; Expedition Entrepreneurship and Small Business					
CTE Careers Existing Today and Tomorrow: Small Business Owner, Strategic Management Professional, Social Entrepreneur, Opportunity Spotters					

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CTE Career Cluster Business Management and Administration					
CTE Career Pathway General Management (GMGT)					
Pathway Completer		CTE Course 1	CTE Course 2	CTE Course 3	CTE Career Pathway Major
CTE Concentrator	CTE Major	BF10 Principles of Business and Finance	BB40 Business Management I	BB42 Business Management II*	Work-Based Learning: CTE Apprenticeship, Cooperative Education (Co-op), Clinical or CTE Internship
Supplemental CTE Courses	BM10 Microsoft Word and PowerPoint BM20 Microsoft Excel				
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway				
CTE Industry Recognized Credentials: WorkKeys National Career Readiness Certificate, Fundamentals Business Concepts (ASK-BF-CERT)					
CTE Careers Existing Today and Tomorrow: Account Manager, Business Consultant, Shareability Auditor, Global Business Navigator					

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CTE Career Cluster Health Science					
CTE Career Pathway Healthcare Professional (HPCP)					
Pathway Completer		CTE Course 1	CTE Course 2	CTE Course 3	CTE Career Pathway Major
CTE Concentrator	CTE Major	HU40 Health Science I	HU42 Health Science II*	HN43 Nursing Fundamentals and Practicum (2 credit course)	Work-Based Learning: CTE Apprenticeship, Cooperative Education (Co-op), Clinical or CTE Internship
Supplemental CTE Courses	HU10 Foundations of Health Science BM10 Microsoft Word and PowerPoint BM20 Microsoft Excel				
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway				
CTE Industry Recognized Credentials: WorkKeys National Career Readiness Certificate, Stop the Bleed, First Aid, OSHA 10-Hour General Industry (Healthcare) Certification, North Carolina Nurse Aide I					
CTE Careers Existing Today and Tomorrow: Registered Nurse Aid, Healthcare Implementation Consultant, Cradle to Grave Lifecycle Manager, Genetic Modification Designer, Organ Agent					

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CTE Career Cluster
Hospitality & Tourism

CTE Career Pathway
Sports & Entertainment Marketing (SEMK)

Pathway Completer		CTE Course 1	CTE Course 2	CTE Course 3	CTE Career Pathway Major
CTE Concentrator	CTE Major	BF10 Principles of Business and Finance	MH31 Sports & Entertainment Marketing I	MH32 Sports & Entertainment Marketing II*	Work-Based Learning: CTE Apprenticeship, Cooperative Education (Co-op), Clinical or CTE Internship
Supplemental CTE Courses	BM10 Microsoft Word and PowerPoint BM20 Microsoft Excel				
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway				
CTE Industry Recognized Credentials: WorkKeys National Career Readiness Certificate, Customer Service and Sales Certification, Advanced Customer Service and Sales Certification, Fundamental Marketing Concepts					
CTE Careers Existing Today and Tomorrow: International Marketing Manager, Communications & Events Specialist, Super Athlete Designer, Global Entertainment Strategist					

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CTE Career Cluster
Hospitality & Tourism

CTE Career Pathway
Culinary Arts Applications (CULA)

Pathway Completer		CTE Course 1	CTE Course 2	CTE Course 3	CTE Career Pathway Major
CTE Concentrator	CTE Major	FH10 Culinary Arts & Hospitality I	FH11 Culinary Arts & Hospitality II Applications	FH13 Culinary Arts & Hospitality III*	FH14 Culinary Arts & Hospitality IV Applications Work-Based Learning: CTE Apprenticeship, Cooperative Education (Co-op), Clinical or CTE Internship
Supplemental CTE Courses	BM10 Microsoft Word and PowerPoint BM20 Microsoft Excel				
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway				
CTE Industry Recognized Credentials: WorkKeys National Career Readiness Certificate, Certified Food Protection Manager (ANSI-Accredited), Certified Fundamental Cook, American Culinary Federation Culinary Arts Pre-PAC, American Association of Family & Consumer Sciences, ProStart Certificate of Achievement, National Restaurant Association Education Foundation					
CTE Careers Existing Today and Tomorrow: Culinary Operations Director, Sous Chef, Catering Coordinator, 3D Food Printer Chef					

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CTE Career Cluster Human Services					
CTE Career Pathway Early Childhood Development & Services (EACH)					
Pathway Completer		CTE Course 1	CTE Course 2	CTE Course 3	CTE Career Pathway Major
CTE Concentrator	CTE Major	FE60 Child Development	FE11 Early Childhood Education I* (2 credit course)	FE12 Early Childhood Education II (2 credit course)	Work-Based Learning: CTE Apprenticeship, Cooperative Education (Co-op), Clinical or CTE Internship
Supplemental CTE Courses	BM10 Microsoft Word and PowerPoint BM20 Microsoft Excel				
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway				
CTE Industry Recognized Credentials: WorkKeys National Career Readiness Certificate, CPR, First Aid, NC Early Childhood Credential Equivalency					
CTE Careers Existing Today and Tomorrow: Human Services Clinician, Child Psychiatrist, Nutrition Consultant, Health & Human Services Professional, Deficiency Analyzer, Data Contextualist, Precision Education Specialist					

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CTE Career Cluster Information Technology					
CTE Career Pathway Cisco Network Engineering (CNEN)					
Pathway Completer		CTE Course 1	CTE Course 2	CTE Course 3	CTE Career Pathway Major
CTE Concentrator	CTE Major	BI12 CompTIA IT Fundamentals	II11 Cisco Network Engineering Technology I	II12 Cisco Network Engineering Technology II*	Work-Based Learning: CTE Apprenticeship, Cooperative Education (Co-op), Clinical or CTE Internship
Supplemental CTE Courses	BM10 Microsoft Word and PowerPoint BM20 Microsoft Excel				
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway				
CTE Industry Recognized Credentials: WorkKeys National Career Readiness Certificate, CompTIA IT Fundamentals (FCO-U61), Cisco Certified Entry Networking Technician (CCENT), Microsoft MTA 98-366 (Networking Fundamentals)					
CTE Careers Existing Today and Tomorrow: Data Center Network Engineer, Network Security Engineer, Sensor Inventor, Sensor Designer, Sensor Engineer					

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CTE Career Cluster Information Technology					
CTE Career Pathway Computer Engineering (COEN)					
Pathway Completer		CTE Course 1	CTE Course 2	CTE Course 3	CTE Career Pathway Major
CTE Concentrator	CTE Major	BI12 CompTIA IT Fundamentals	II21 Computer Engineering Technology I	II22 Computer Engineering Technology II*	Work-Based Learning: CTE Apprenticeship, Cooperative Education (Co-op), Clinical or CTE Internship
Supplemental CTE Courses	BM10 Microsoft Word and PowerPoint BM20 Microsoft Excel				
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway				
CTE Industry Recognized Credentials: WorkKeys National Career Readiness Certificate, CompTIA IT Fundamentals (FCO-U61), CompTIA A+ 1001, CompTIA IT Fundamentals, CompTIA A+ 1002 MTA 98-349 Operating System Fundamentals					
CTE Careers Existing Today and Tomorrow: Cybersecurity Sales Engineer, Embedded Software Application Engineer, Data Transmission Optimizer					

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CTE Career Cluster Information Technology					
CTE Career Pathway Computer Science Principles (CSPR)					
Pathway Completer		CTE Course 1	CTE Course 2	CTE Course 3	CTE Career Pathway Major
CTE Concentrator	CTE Major	BP41 Computer Science I	BP42 Computer Science II* or OA02 AP Computer Science Principles*	2A02 AP Computer Science A	Work-Based Learning: CTE Apprenticeship, Cooperative Education (Co-op), Clinical or CTE Internship
Supplemental CTE Courses	BI12 CompTIA IT Fundamentals BM10 Microsoft Word and PowerPoint BM20 Microsoft Excel				
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway				
CTE Industry Recognized Credentials: WorkKeys National Career Readiness Certificate, MTA 98-381 Introduction to Programming Using Python					
CTE Careers Existing Today and Tomorrow: Software Developer, Intellectual Property Associate, Data Stream Organizer					

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