

# CAREER AND TECHNICAL EDUCATION COURSE LIST

**Note:** <sup>1</sup>Economics and Personal Finance is required for graduation.

<sup>2</sup>The Workplace Readiness Skills for the Commonwealth Examination aligns with all CTE courses.

CTE Career Clusters	Course Sequence	Industry Credential
<b>AGRICULTURE</b>		
Horticulture I 8035-2 Credits	Horticulture II	Greenhouse Operators Certification
Horticulture II 8036-2 Credits		Chesapeake Bay Landscape Professional
<b>BUSINESS &amp; INFORMATION TECHNOLOGY</b>		
Accounting 6320-1 Credit	Business Law, Computer Info. Systems, Cybersecurity Fundamentals, Legal Administration, Office Administration, Word Processing DE	Accounting Basic & Advanced Assessment (NOCTI)
Business Law 6132-1 Credit	Accounting, Computer Info. Systems, Cybersecurity Fundamentals, Legal Administration, Office Administration, Word Processing DE	Communication Skills for Business, IC3 Digital Literacy
Computer Info. Systems 6614-1 Credit	Accounting, Business Law, Cybersecurity Fundamentals, Legal Administration, Office Administration, Word Processing DE	Microsoft 365 Fundamentals, Microsoft Office Specialist (MOS) Examination
Cybersecurity Fundamentals 6302-1 Credit	Accounting, Business Law, Computer Info. Systems, Cybersecurity Fundamentals, Legal Administration, Office Administration, Word Processing DE	IC3 Digital Literacy Certification, IT Fundamentals+ Certification, Microsoft Technology Associate (MTA)
Digital Applications 6617-1 Credit	Accounting, Business Law, Computer Info. Systems, Cybersecurity Fundamentals, Legal Administration, Office Administration	IC3 Digital Literacy Certification, Microsoft 365 Fundamentals, Microsoft Office Specialist (MOS) Examination
Legal Administration 6736-1 Credit	Accounting, Business Law, Computer Info. Systems, Cybersecurity Fundamentals, Office Administration, Word Processing DE	Communication Skills for Business, IC3 Digital Literacy, Microsoft Office Specialist Examinations
Office Administration 6622-1 Credit	Accounting, Business Law, Computer Info. Systems, Cybersecurity Fundamentals, Legal Administration, Word Processing DE	Communication for Business, Microsoft 365 Fundamentals, Microsoft Office Specialist (MOS) Examination
Word Processing, Dual Enrollment 6626		
<b>CAREER CONNECTIONS</b>		
Education for Employment 9077-1 Credit	Education for Employment II	
Education for Employment 9079-1 Credit		Customer Service & Sales Certification
Entrepreneurship 9093-1 Credit	Accounting, Computer Information Systems, Entrepreneurship Adv., Fashion Marketing, Marketing, Marketing Adv., Principles of Business & Marketing	Customer Service & Sales, Entrepreneurship & Small Business Exam
Entrepreneurship Adv. 9094-1 Credit	Accounting, Computer Information Systems, Fashion Marketing, Marketing, Marketing Adv., Principles of Business & Marketing	Customer Service & Sales, Entrepreneurship & Small Business Exam
VA Teachers for Tomorrow I 9062-1 Credit	VA Teachers or Tomorrow II, Early Childhood Education I	Early Childhood Education Assessment, Praxis Core Academic Skills for Educators Tests
VA Teachers for Tomorrow II 9073-1 Credit	Early Childhood Education I, Early Childhood Education II	Praxis Core Academic Skills for Educators Tests

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<b>FAMILY &amp; CONSUMER SCIENCES</b>		
Culinary Arts, Introduction 8250-1 Credit	Culinary Arts I	
Culinary Arts I 8275-2 Credits	Culinary Arts II	Culinary Arts Cook Assessment (NOCTI)
Culinary Arts II 8276-2 Credits		Culinary Arts Prep Cook Assess. (NOCTI)
Early Childhood Education I- 8285 2 Credits	Early Childhood Education II	Early Childhood Edu. & Care NOCTI
Early Childhood Education II-8286 2 Credits		Early Childhood Education Assessment
Life Planning 8226-1 Credit	Introduction to Culinary Arts, Culinary Arts I, Early Childhood Educations I, Nutrition and Wellness	
Nutrition & Wellness 8228-1 Credit	Introduction to Culinary Arts, Culinary Arts I, Early Childhood Educations I, Life Planning	
<b>HEALTH &amp; MEDICAL SCIENCES</b>		
CNA 8332-2 Credits		Nurse Assisting Examination, Nursing Assisting Assessment
Pharmacy Tech I-8305-2 Credits	Pharmacy Tech II	Certified Pharmacy Technician (CPHT)
Pharmacy Tech II-8306-2 Credits		Certified Pharmacy Technician (CPHT)
Sports Medicine I 7660-2 Credits	Sports Medicine II	Certified Group Fitness Instructor Exam
Sports Medicine II 7662-2 Credits		Certified Personal Trainer Exam
<b>MARKETING EDUCATION</b>		
Entrepreneurship 9093-1 Credit	Entrepreneurship Advanced, Fashion Marketing, Marketing, Marketing Advanced, Travel & Tourism Marketing	Customer Service & Sales, Entrepreneurship & Small Business Exam
Entrepreneurship, Advanced 9094-1 Credit	Marketing, Marketing (Advanced), Travel & Tourism Marketing	Customer Service & Sales, Entrepreneurship & Small Business Exam
Fashion Marketing 8140-1 Credit	Marketing, Marketing (Advanced), Travel & Tourism Marketing	Customer Service & Sales
Marketing 8120-1 Credit	Marketing (Advanced), Travel & Tourism Marketing	Customer Service & Sales
Marketing, Advanced 8130-1 Credit	Travel & Tourism Marketing	Customer Service & Sales
Principles of Bus. & Marketing 6116-1 Credit	Entrepreneurship, Fashion Marketing, Marketing, Marketing (Advanced), Travel & Tourism Marketing	Customer Service & Sales
Travel & Tourism Marketing 8139-2 Credits	Travel, Tourism, & Destination Marketing	Customer Service & Sales
Travel, Tourism, & Destination Marketing 8169-2 Credits		Customer Service & Sales
<b>MILITARY SCIENCE</b>		
Army JROTC I AR7913-1 Credit	Army JROTC II, III, IV, Leadership	ASVAB
Marine Corps JROTC I MC7913-1 Credit	Marine Corps II, III, IV, Leadership	ASVAB
Navy JROTC I NA7913-1 Credit	Navy II, III, IV, Leadership	ASVAB
<b>TECHNOLOGY EDUCATION</b>		
Architectural Drawing & Design 8492-1 Credit	Technical Drawing & Design	Autodesk Certified Users Exam, Autodesk Certified Professional Exam
Biotechnology 8468-1 Credit	Applied Agricultural Concepts, Biological Applications in Agriculture	Agriculture Biotechnology Assessment

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<b>TECHNOLOGY EDUCATION</b>		
Communication Systems 8418-1 Credit	Graphic Communications	Desktop Publishing Certification 3D Max Test, Adobe Certified Associate
Engineering Drawing & Design 8493-1 Credit	Architectural Drawing & Design, Technical Drawing	Technical Drafting Exam
Geospatial 8423-1 Credit	Geospatial Technology II, Modeling & Simulation Technology	ArcGIS Desktop Entry Certification
Graphic Communication Systems 8494-1 Credit	Modeling & Simulation Technology	Desktop Publishing Certification 3D Max Test, Adobe Certified Associate
Principles of Tech I 9811-1 Credit	Principles of Technology II	
Principles of Tech II 9812-1 Credit		
Technical Drawing & Design 8434-1 Credit	Architectural Drawing & Design, Engineering Drawing & Design	Autodesk Certification
Technology Transfer 8404-1 Credit	Technical Drawing & Design, Technical Transfer	
<b>TRADE &amp; INDUSTRY EDUCATION</b>		
Automotive Technology, DE	Automotive Technology II	Automotive Technology Core or Adv. Assessment
Barbering I 8743-4 Credits	Barbering II	Customer Service Exam.
Barbering II 8744-4 Credits		Customer Service Exam.
Building Management I 8590-1 Credit		Building Trades Maintenance Assessment
Cosmetology I 8745-4 Credits	Cosmetology II	Cosmetology Assessment
Cosmetology II 8746-4 Credits		Cosmetology Assessment
HVAC I & II, DE-2 Credits	HVAC II	HVAC Exam
Marine Electric, DE 8533-6 TCC Credits		
Marine Welding I, DE 8672 (165,170)-1 Credit/5 TCC Credits	Marine Welding II, & III	Welding Exam
Marine Welding II, DE 8673 (171,210)-1 Credit/6 TCC Credits	Marine Welding III	Welding Exam
Marine Welding III, DE 8674 (220,230)-1 Credit/ 5 TCC Credits		Welding Exam
Maritime Intro to Ship Systems MAR 120, DE-1 Credit/3 TCC Credits		
Nail Technician I 8692-2 Credits	Nail Technician II	Nail Care Exam
Nail Technician II 8693-2 Credits		Nail Care Exam
Public Safety I 8700-2 Credits	Public Safety II	Emergency Medical Services Assess.
Public Safety II 8701-2 Credits		Emergency & Fire Management Services
TV Production I 8688-2 Credits	Television Production II	Television Production Assess. (NOCTI)
TV Production II 8689-2 Credits	Television Production III	Television Production Assess. (NOCTI)
TV Production III 8690-2 Credits		Television Production Assess. (NOCTI)