

Early College CTE Connections Program for QACPS Students
 A Partnership between Chesapeake College & QACPS
Start Semester: Spring 2016

Chesapeake College and QACPS have developed a program in which high school students may receive dual credit for enrolling in a pre-selected college course, which awards three or more college credits *and* serves as the final capstone course in capstone-eligible programs.

Capstone-eligible and non-eligible programs are listed below.

Capstone Eligible CTE Pathways

CTE Pathway	Does the program have a capstone course?	Can I take a Dual Enrollment course as my capstone course?	What Chesapeake College courses can I choose from? (Select one course from list below)
Academy of Health Professions	YES	YES	PSC 150 General Psychology (3 credits) BIO 101 Fundamentals of Biology (4 credits) BIO 111 Principles of Biology I (4 credits) *BIO 113 Principles of Biology II (4 credits) *BIO 211 Anatomy and Physiology I (4 credits) *CHM 121 Gen Chemistry I (4 credits) * Pre-requisite course required.
Accounting and Finance	YES	YES	ACC 103 Principles of Account I (3 credits) ACC 110 Computerized Accounting (3 credits) ACC 105 Personal Income Tax (3 credits) BUS 145 Personal Finance (3 credits) *ACC 104 Principles of Account II (3 credits) *BUS 245 Business Finance (3 credits) * Pre-requisite course required.
Administrative Services	YES	YES	BUS 101 Intro to Business (3 credits) CIS 115 Microcomputer App. Integration (3 credits) BUS 241 Business Law I (3 credits) BUS 145 Personal Finance (3 credits) *BUS 245 Business Finance (3 credits) * Pre-requisite course required.

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Business Management	YES	YES	BUS 101 Intro to Business (3 credits) CIS 115 Microcomputer Applications Integration (3 credits) BUS 160 Entrepreneurship (3 credits) BUS 241 Business Law I (3 credits) BUS 230 Marketing (3 credits) BUS 240 International Business (3 credits) AGR 213 Intro to Agriculture Economics (3 credits) BUS 145 Personal Finance (3 credits) *BUS 215 Principles of Business Mgmt. (3 credits) *BUS 220 Business Ethics and Society (3 credits) *BUS 245 Business Finance (3 credits) * Pre-requisite course required.
Computer Science	YES	YES	IMD 179 Intro to HTML (3 credits)
Construction Design Management	YES	YES	DFT 101 Fund of Drafting/CAD (3 credits) DFT 104 Blueprint Reading (3 credits) * CAD 100 Intro to CAD (3 credits) * ACH 100 Arch Drawing/CAD (3 credits) * CAD 110 Intermediate CAD (3 credits) * CAD 250 Advanced CAD (3 credits) * Pre-requisite course required.
Hospitality and Tourism Program	YES	YES	HRM 101 Intro to Hospitality Mgmt. (3 credits) HRM 102 Intro to Principles of Tourism (3 credits) HRM 150 Food & Beverage Mgmt. (3 credits)
Interactive Media Production	YES	YES	IMD 171 Desktop Publish. & Graphics Presentation (3 credits) IMD 190 Digital Image Processing (3 credits) IMD 165 Digital Graphic Design (3 credits) CIS 115 Microcomputer Applications Integration (3 credits) CIS 109 Intro to Computers (4 credits) IMD 175 Multimedia & Web Design I (3 credits)

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CTE (Non-Capstone) Pathways that Promote Dual Enrollment

CTE Pathway	Does the program have a capstone course?	Can I still enroll in a Dual Enrollment course?	What Chesapeake College courses can I choose from, which relate to my CTE Pathway? (Select one course from list below)
Biomedical Science	NO	YES	PSC 150 General Psychology (3 credits) BIO 101 Fund of Biology (4 credits) BIO 111 Principles of Biology I (4 credits) *CHM 121 Gen Chemistry I (4 credits) <i>* Pre-requisite course required.</i>
Construction Trade: Carpentry	NO	YES	DFT 104 Blueprint Reading (3 credits) MFG 100 Machine Shop Practices I (3 credits)
Construction Trade: Masonry	NO	YES	DFT 104 Blueprint Reading (3 credits) MFG 100 Machine Shop Practices I (3 credits)
Construction Maintenance: Welding	NO	YES	DFT 104 Blueprint Reading (3 credits) MFG 100 Machine Shop Practices I (3 credits) WEL 120 Advanced Welding (3 credits) *WEL 110 Intermediate Welding (3 credits) <i>* Pre-requisite course required.</i>
Careers in Cosmetology	NO	YES	BUS 101 Intro to Business (3 credits) BUS 145 Personal Finance (3 credits) BUS 160 Entrepreneurship (3 credits) *BUS 212 Human Resources Mgmt. (3 credits) *BUS 245 Business Finance (3 credits) <i>* Pre-requisite course required.</i>

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Curriculum for Ag Science Education CASE	NO	YES	SCI 151 Environmental Science (4 credits) BIO 101 Fund of Biology (4 credits) BIO 111 Principles of Biology I (4 credits) BIO 105 Intro to Horticulture (4 credits) BIO 253-4 Woody Plant Materials I and II (3 credits) LARC 163 History of Landscape Architecture (3 credits) AGR 213 Intro to Agriculture Economics (3 credits) *AGR 223 Intro to Agribusiness (3 credits) *CHM 121 Gen Chemistry I (4 credits) *CHM 221 Organic Chemistry I (4 credits) * Pre-requisite course required.
Fire Fighter and EMT	NO	YES	(After earning EMT and other requirements) CRT Certificate requirements as detailed in catalog
Homeland Security and Emergency Preparedness	NO	YES	CMJ 101 Intro. to Law Enforcement & Crim. Justice (3 credits) CMJ 105 Intro to Corrections (3 credits) CMJ 108 Law Enforcement Administration (3 credits) CMJ 111 Police Operations (3 credits) CMJ 130 Corrections Administration (3 credits) CMJ 191 Criminology (3 credits) POL 180 US Federal Government (3 credits) CMJ 131 Community Corrections (3 credits) CMJ 201 Current Problems in Criminal Justice (3 credits) CMJ 215 Juvenile Delinquency (3 credits) PSC 150 Gen Psychology (3 credits) CMJ 231 Corrections Law (3 credits) CMJ 232 Probation and Parole (3 credits) POL 181 State and Local Government (3 credits)

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Marketing	NO	YES	BUS 101 Intro to Business (3 credits) BUS 160 Entrepreneurship (3 credits) BUS 231 Salesmanship (3 credits) BUS 234 Advertising (3 credits) BUS 235 Retailing (3 credits)
Pre-Engineering PLTW	NO	YES	DFT 101 Fund of Drafting/CAD (3 credits) ETT 110 Concepts of Electronics (3 credits) *CAD 100 Intro to CAD (3 credits) *ACH 100 Architectural Drawing I/CAD (3 credits) *CAD 110 Intermediate CAD (3 credits) * Pre-requisite course required.
Teacher Academy of Maryland (TAM)	NO	YES	EDU 101 Foundations of Education (3 c credits) EDU 210 Intro to Special Education (3 credits) PSC 150 Gen Psychology (3 credits) *PSC 220 Educational Psychology (3 credits) *PSC 250 Human Growth and Development (3 credits) * Pre-requisite course required.