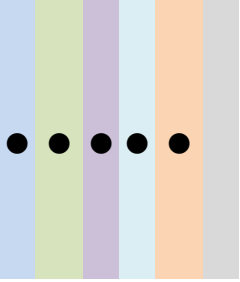
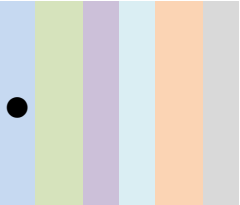
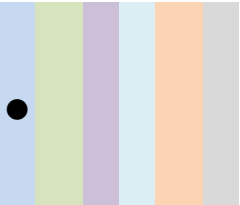

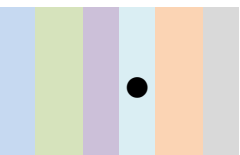
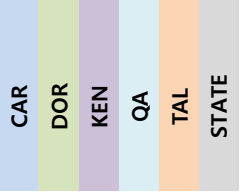
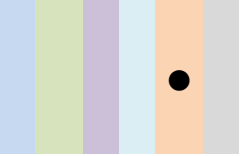
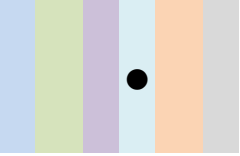
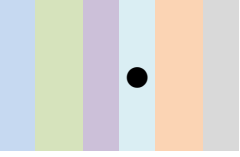
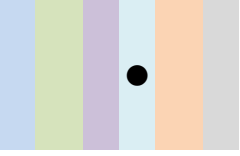
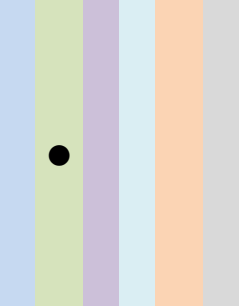
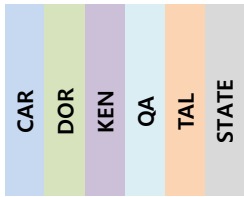
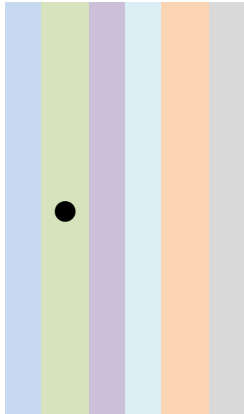
	HIGH SCHOOL PROGRAM	HIGH SCHOOL COURSES <i>Using Program Courses:</i> <i>Requiring a minimum GPA of 3.0 with no grade of less than a "C"</i>	ARTICULATED COLLEGE PROGRAM <i>& Major Code</i>	GATEWAY COURSE <i>Next college course requiring grade "C" or better.</i>	ARTICULATED COURSES <i>College credit given for courses below if all requirements have been met.</i>
	Teacher Education Academy of Maryland (TAM)	<ul style="list-style-type: none"> • Human Growth & Development - lifespan • Teaching as a Profession • Foundations of Curriculum & Instruction • Education Academy Internship 	Elementary Education/Special Education AAT Degree (305) (this includes Secondary AATs in Math, Physics, Chemistry, English, and Spanish) OR Early Childhood Education/Special Education AAT Degree (309) Early Childhood Development AAT (641)	EDU 210 (3 credits) Introduction to Special Education OR ECD 160 (3 credits) Child Development & Behavior	EDU 101 (3 credits) Foundations of Education PSC 250 (3 credits) Human Growth & Development OR ECD 101 (3 credits) Introduction to Early Childhood Education
	Computer-Aided Drafting & Design	Student must achieve a passing score (700 or higher) on the industry-recognized Autodesk Certified User Exam for AutoCAD. More information about the exam can be found at www.certipoint.pearsonvue.com (see score submission guidelines below)	Technical & Professional Studies AAS (400) OR Engineering Technology Drafting & Design Certificate (742)	CAD 100 (3 credits) Introduction to CAD	DFT 101 (3 credits) Fundamentals of Drafting/CAD
	Construction Technology OR Advanced Manufacturing Professionals (AMP)	Student must achieve a passing score (700 or higher) on the industry-recognized Autodesk Certified User Exam for AutoCAD. More information about the exam can be found at www.certipoint.pearsonvue.com (see score submission guidelines below)	Technical & Professional Studies AAS (400) OR Engineering Technology Drafting & Design Certificate (742)	CAD 100 (3 credits) Introduction to CAD	DFT 101 (3 credits) Fundamentals of Drafting/CAD
	Advanced Manufacturing Professionals (AMP)	Student must achieve a passing score of 75% on the MSSC Safety Certification exam. More information about the exam can be found at https://www.msscusa.org/	Manufacturing Technology Certificate (749)	MFG 105 (3 credits) Maintenance Awareness	MFG 101 (3 credits) Introduction to Manufacturing
	Marketing	<ul style="list-style-type: none"> • Principles of Business, Administration & Management • Principles of Accounting & Finance • Introduction to Marketing • Advanced Marketing 	Business Management AAS Degree (401) OR Business Management Certificate (402)	BUS 230 (3 credits) Marketing	BUS 101 (3 credits) Introduction to Business

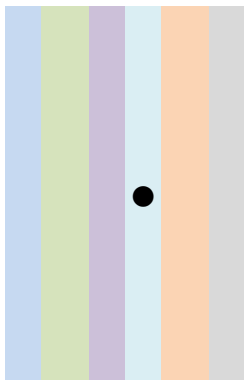
	HIGH SCHOOL PROGRAM	HIGH SCHOOL COURSES <i>Using Program Courses:</i> <i>Requiring a minimum GPA of 3.0 with no grade of less than a "C"</i>	ARTICULATED COLLEGE PROGRAM <i>& Major Code</i>	GATEWAY COURSE <i>Next college course requiring grade "C" or better.</i>	ARTICULATED COURSES <i>College credit given for courses below if all requirements have been met.</i>
	Marketing	<ul style="list-style-type: none"> Principles of Business, Administration & Management Principles of Accounting & Finance Introduction to Marketing 	Business Management AAS Degree (401) OR Business Management Certificate (402)	BUS 230 (3 credits) Marketing	BUS 101 (3 credits) Introduction to Business
	Business Management & Finance Education	<ul style="list-style-type: none"> Principles of Business Management Principles of Accounting & Finance Advanced Business Management OR Business Management Business Management Capstone 	Business Management AAS Degree (401) OR Business Management Certificate (402)	ACC 103 (3 credits) Principles of Accounting I	BUS 101 (3 credits) Introduction to Business
	Administrative Services	<ul style="list-style-type: none"> Principles of Business, Administration & Management Principles of Accounting & Finance Office Systems Management I Office Systems Management II 	Business Management AAS Degree (401) OR Business Management Certificate (402)	ACC 103 (3 credits) Principles of Accounting I	BUS 101 (3 credits) Introduction to Business
	Accounting & Finance	<ul style="list-style-type: none"> Principles of Business Management Principles of Accounting & Finance Advanced Accounting Accounting & Finance Capstone 	Business Management AAS Degree (401) OR Business Management Certificate (402)	ACC 103 (3 credits) Principles of Accounting I	BUS 101 (3 credits) Introduction to Business
	Architectural, Engineering, Construction Management	<ul style="list-style-type: none"> Introduction to Construction Design & Management Principles of Construction Design Advance Design & 3-D Modeling OR Student must achieve a passing score (700 or higher) on the industry-recognized Autodesk Certified User Exam for AutoCAD. More information about the exam can be found at www.certiport.pearsonvue.com	Technical & Professional Studies AAS (400) OR Engineering Technology Drafting & Design Certificate (742)	CAD 100 (3 credits) Introduction to CAD	DFT 101 (3 credits) Fundamentals of Drafting/CAD



HIGH SCHOOL PROGRAM



Architectural, Engineering, Construction Management



Construction Design and Management Pathway

HIGH SCHOOL COURSES

Using Program Courses:

Requiring a minimum GPA of 3.0 with no grade of less than a "C"

- Introduction to Construction Design & Management
- Principles of Construction Design
- Advance Design & 3-D Modeling

AND

Student must achieve a passing score (700 or higher) on the industry-recognized Autodesk Certified User Exam for AutoCAD.

AND

Student must achieve a passing score (700 or higher) on the industry-recognized Autodesk Certified User Exam for Revit.

More information about the exam can be found at www.certiport.pearsonvue.com

- Introduction to Architecture and Construction
- Principles of Architecture and Construction
- 3D Architecture Modeling and the Construction Industry
- Advanced Architecture and Construction

OR

Student must achieve a passing score (700 or higher) on the industry-recognized Autodesk Certified User Exam for AutoCAD. More information about the exam can be found at www.certiport.pearsonvue.com

ARTICULATED COLLEGE PROGRAM & Major Code

GATEWAY COURSE
Next college course requiring grade "C" or better.

ARTICULATED COURSES
College credit given for courses below if all requirements have been met.

Engineering Technology Drafting & Design Certificate (742)

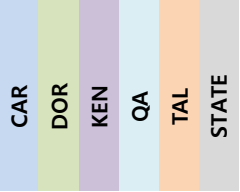
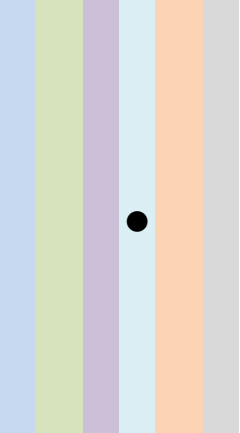
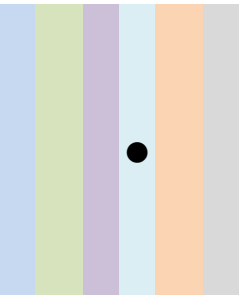
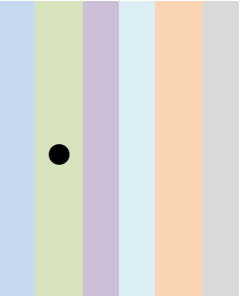
CAD 110 (3 credits)
Intermediate CAD

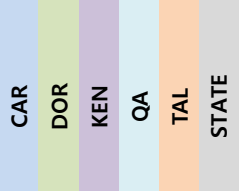
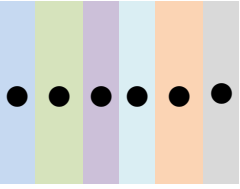
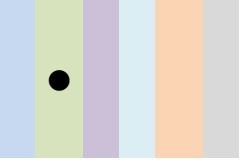
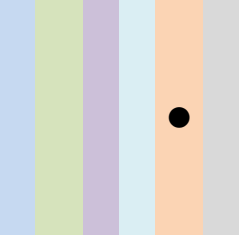
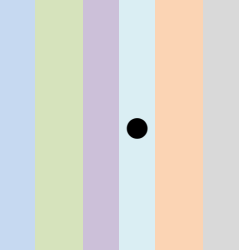
DFT 101 (3 credits)
Fundamentals of Drafting/CAD
CAD 100 (3 credits)
Introduction to CAD
ACH 100 (3 credits)
Architectural Drawing I/CAD

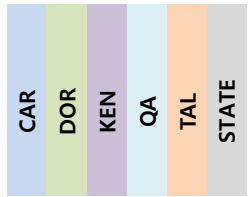
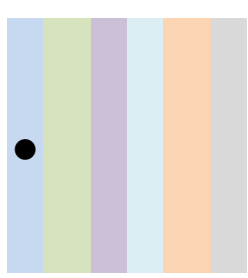
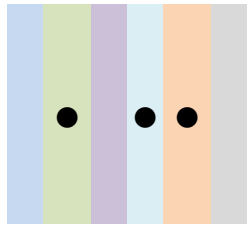
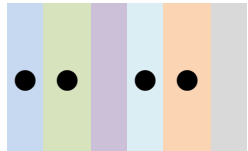
Technical & Professional Studies AAS (400)
OR
Engineering Technology Drafting & Design Certificate (742)

CAD 100 (3 credits)
Introduction to CAD

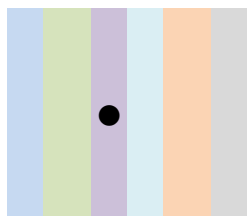
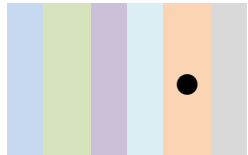
DFT 101 (3 credits)
Fundamentals of Drafting/CAD

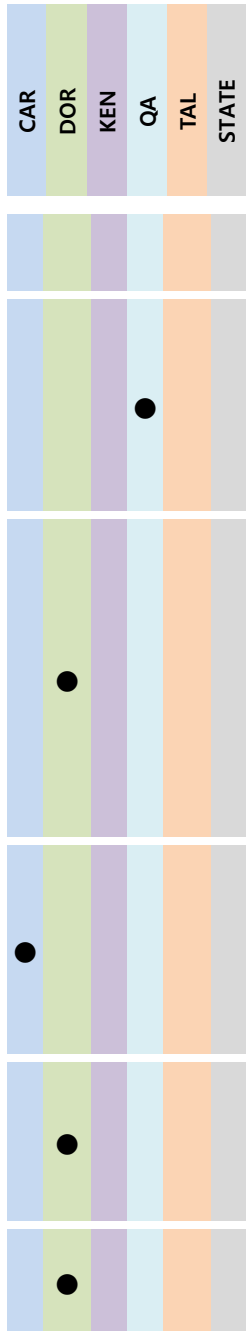
	HIGH SCHOOL PROGRAM	HIGH SCHOOL COURSES <i>Using Program Courses:</i> <i>Requiring a minimum GPA of 3.0 with no grade of less than a "C"</i>	ARTICULATED COLLEGE PROGRAM <i>& Major Code</i>	GATEWAY COURSE <i>Next college course requiring grade "C" or better.</i>	ARTICULATED COURSES <i>College credit given for courses below if all requirements have been met.</i>
	Construction Design & Management Pathway	<ul style="list-style-type: none"> • Introduction to Architecture & Construction • Principles of Architecture & Construction • 3D Architectural Modeling & the Construction Industry • Advanced Architecture & Construction <p>AND</p> <p>Student must achieve a passing score (700 or higher) on the industry-recognized Autodesk Certified User Exam for AutoCAD.</p> <p>AND</p> <p>Student must achieve a passing score (700 or higher) on the industry-recognized Autodesk Certified User Exam for Revit.</p> <p>More information about the exam can be found at www.certipoint.pearsonvue.com</p>	Engineering Technology Drafting & Design Certificate (742)	CAD 110 (3 credits) Intermediate CAD	DFT 101 (3 credits) Fundamentals of Drafting/CAD CAD 100 (3 credits) Introduction to CAD ACH 100 (3 credits) Architectural Drawing I/CAD
	Construction Maintenance: Welding (Queen Anne's)	<ul style="list-style-type: none"> • Introduction to Welding • Introduction to Welding II • Intermediate Welding • Advanced Welding 	Technical & Professional Studies AAS (400) OR Welding/Fabrication - Stick & Flux-cored Certificate (778) OR Welding/Fabrication - MIG & TIG Certificate (777) OR Welding/Metal Fabrication Technologies Certificate (779)	WEL 109 (3 credits) Welding & Cutting Processes OR WEL 152 (3 credits) Metal Fabrication I	WEL 108 (3 credits) Fundamentals of Welding
	Construction Maintenance: Welding (Dorchester)	<ul style="list-style-type: none"> • Applied Tech Cluster • Core Welding • Welding – Level I • Welding – Level II 	Technical & Professional Studies AAS (400) OR Welding/Fabrication - Stick & Flux-cored Certificate (778) OR Welding/Fabrication - MIG & TIG Certificate (777) OR Welding/Metal Fabrication Technologies Certificate (779)	WEL 109 (3 credits) Welding & Cutting Processes OR WEL 152 (3 credits) Metal Fabrication I	WEL 108 (3 credits) Fundamentals of Welding

	HIGH SCHOOL PROGRAM	HIGH SCHOOL COURSES <i>Using Program Courses:</i> <i>Requiring a minimum GPA of 3.0 with no grade of less than a "C"</i>	ARTICULATED COLLEGE PROGRAM <i>& Major Code</i>	GATEWAY COURSE <i>Next college course requiring grade "C" or better.</i>	ARTICULATED COURSES <i>College credit given for courses below if all requirements have been met.</i>
	Curriculum for Agriculture Science (CASE)	<ul style="list-style-type: none"> • Introduction to Agriculture, Food & Natural Resources • Plant Science OR Animal Science • Animal & Plant Biotechnology OR Food Science & Safety • Agricultural Research & Development (Capstone) 	Agriculture AAS Degree (175) OR Liberal Arts & Sciences – Agriculture Concentration (207)	AGR 223 (3 credits) Introduction to Agribusiness OR AGR 220 (4 credits) Introduction to Animal Science	AGR 101 (3 credits) Introduction to Agriculture
	Law Enforcement/Criminal Justice	<ul style="list-style-type: none"> • Foundations of Homeland Security • Administration of Justice I • Administration of Justice II • Internship/Capstone Course (4th course?) 	Criminal Justice AAS Degree (602) OR Criminal Justice Certificate (606)	CMJ 108 (3 credits) Law Enforcement Administration	CMJ 101 (3 credits) Introduction to Law Enforcement & Criminal Justice
	Computer Science	<ul style="list-style-type: none"> • Foundations of Computer Science* • AP Computer Science Principles • AP Computer Science: Advanced Computer Programming 	Computer Science Technology AAS Degree (470) OR Information Technology AS Degree (371)	CST 119 (4 credits) Python I & Problem Solving OR CST 217 (3 credits) Ethics for IT OR CST 208 (4 credits) HTML I & Web Design	CST 109 (4 credits) Introduction to Computers
	Computer Science	<ul style="list-style-type: none"> • Computer Science I • AP Computer Science Principles • AP Computer Science: Advanced Computer Programming 	Computer Science Technology AAS Degree (470) OR Information Technology AS Degree (371)	CST 119 (4 credits) Python I & Problem Solving OR CST 217 (3 credits) Ethics for IT OR CST 208 (4 credits) HTML I & Web Design	CST 109 (4 credits) Introduction to Computers

	HIGH SCHOOL PROGRAM	HIGH SCHOOL COURSES <i>Using Program Courses:</i> <i>Requiring a minimum GPA of 3.0 with no grade of less than a "C"</i>	ARTICULATED COLLEGE PROGRAM <i>& Major Code</i>	GATEWAY COURSE <i>Next college course requiring grade "C" or better.</i>	ARTICULATED COURSES <i>College credit given for courses below if all requirements have been met.</i>
	Computer Science/ PLTW Computer Science	<ul style="list-style-type: none"> • PLTW Computer Science Essentials • PLTW COMPUTER SCIENCE PRINCIPLES - AP • PLTW COMPUTER SCIENCE A - AP • PLTW CYBERSECURITY 	Computer Science Technology AAS Degree (470) OR Information Technology AS Degree (371)	CST 119 (4 credits) Python I & Problem Solving OR CST 217 (3 credits) Ethics for IT OR CST 208 (4 credits) HTML I & Web Design	CST 109 (4 credits) Introduction to Computers
	Interactive Media Production	<ul style="list-style-type: none"> • Principles of Art, Media & Communications • Interactive Multimedia Production • Advanced Interactive Multimedia Production (2) • Interactive Media Portfolio Capstone 	Computer Science Technology AAS Degree (470) OR Information Technology AS Degree (371)	CST 119 (4 credits) Python I & Problem Solving OR CST 217 (3 credits) Ethics for IT OR CST 208 (4 credits) HTML I & Web Design	CST 109 (4 credits) Introduction to Computers
	Project Lead the Way: <i>Biomedical Sciences</i>	<ul style="list-style-type: none"> • Principles of Biomedical Science • Human Body Systems • Medical Interventions • Biomedical Innovations 	Biological Sciences AS (221)	BIO 111 (4 credits) Principles of Biology I	BIO 125 (3 credits) Contemporary Themes in Biological Sciences

NON-CREDIT COLLEGE PROGRAMS

	Construction Trades	<ul style="list-style-type: none"> • Foundations of Building and Construction Tech • Carpentry 1 – Level I • Carpentry 2 – Level II AND Students must achieve CORE Certification from NCCER.	Electrical OR HVAC OR Piping & Plumbing	CET 347 Electrical Level 1 – Part 1 OR CET-330 HVAC Level 1 – Part 1 OR CET-500 Piping & Plumbing Level 1 – Part 1	CEI 930 CORE – Intro to Basic Construction Skills
	Construction and Development	<ul style="list-style-type: none"> • Introductory Craft Skills AND Students must achieve CORE Certification from NCCER	Electrical OR HVAC OR Piping & Plumbing	CET 347 Electrical Level 1 – Part 1 OR CET-330 HVAC Level 1 – Part 1 OR	CEI 930 CORE – Intro to Basic Construction Skills



HIGH SCHOOL PROGRAM

HIGH SCHOOL COURSES

Using Program Courses:

Requiring a minimum GPA of 3.0 with no grade of less than a "C"

Construction Trades

- Introduction to Carpentry I
 - OR**
 - Introduction to Masonry I
 - OR**
 - Introduction to Welding I
 - AND**
- Student must achieve CORE Certification from NCCER.

Construction and Development Career Cluster

- CORE-Carpentry
 - OR**
 - CORE-Electricity
 - OR**
 - CORE-Masonry
 - OR**
 - CORE-HVAC
 - OR**
 - CORE-Welding
 - AND**
- Student must achieve CORE Certification from NCCER.

Construction and Development

- Foundations of Building & Construction
 - AND**
- Student must achieve CORE Certification from NCCER.

Electricity

- CORE – Electricity
 - Electricity I
 - Electricity II
 - AND**
- Student must achieve Electrical 1 Certification from NCCER.

HVAC

- CORE – HVAC
- HVAC I
- HVAC II

ARTICULATED COLLEGE PROGRAM & Major Code

GATEWAY COURSE
Next college course requiring grade "C" or better.

ARTICULATED COURSES
College credit given for courses below if all requirements have been met.

CET-500
Piping & Plumbing Level 1 – Part 1

Electrical
OR
HVAC
OR
Piping & Plumbing

CET-347
Electrical Level 1 – Part 1
OR
CET-330
HVAC Level 1 – Part 1
OR
CET-500
Piping & Plumbing Level 1 – Part 1

CEI-930
CORE – Intro to Basic Construction Skills

Electrical
OR
HVAC
OR
Piping & Plumbing

CET-347
Electrical Level 1 – Part 1
OR
CET-330
HVAC Level 1 – Part 1
OR
CET-500
Piping & Plumbing Level 1 – Part 1

CEI-930
CORE – Intro to Basic Construction Skills

Electrical
OR
HVAC
OR
Piping & Plumbing

CET-347
Electrical Level 1 – Part 1
OR
CET-330
HVAC Level 1 – Part 1
OR
CET-500
Piping & Plumbing Level 1 – Part 1

CEI-930
CORE – Intro to Basic Construction Skills

Electrical

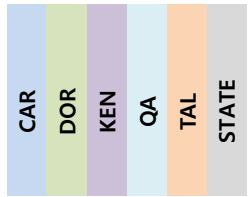
CET-349
Electrical Level 2 – Part 1

CEI-930
CORE – Intro to Basic Construction Skills
CET-347
Electrical Level 1 Part 1
CET-348
Electrical Level 1 Part 2

HVAC

CET-332
HVAC Level 2 – Part 1

CEI-930
CORE – Intro to Basic Construction Skills
CET-330
HVAC Level 1 Part 1

	HIGH SCHOOL PROGRAM	HIGH SCHOOL COURSES <i>Using Program Courses:</i> <i>Requiring a minimum GPA of 3.0 with no grade of less than a "C"</i>	ARTICULATED COLLEGE PROGRAM <i>& Major Code</i>	GATEWAY COURSE <i>Next college course requiring grade "C" or better.</i>	ARTICULATED COURSES <i>College credit given for courses below if all requirements have been met.</i>
		AND			CET-331 HVAC Level 1 Part 2
	Academy of Health Professionals	Student must achieve HVACR 1 Certification from NCCER. <ul style="list-style-type: none"> • Foundations of Medicine & Health Science • Medical Specialty • Allied Health Internship • Structures & Functions of the Human Body • Clinical Internship 	Certified Nursing Assistant Clinical Medical Assistant Emergency Medical Services AAS (518) Nursing AS (132) Physical Therapy Assistant AAS (151) Radiologic Science AAS (503) Surgical Technology AAS (511)		
	Firefighter & Emergency Medical Responder (MFRI - located at Upper Eastern Shore Regional Training Center)	<ul style="list-style-type: none"> • Firefighter I • Emergency Medical Care • Hazardous Materials/Operations • Truck Company Fireground Operations/RTVMR • Firefighter II 	Emergency Medical Services Certificate (519) Emergency Medical Services AAS Degree (518) Emergency Medical Technician Program (non-credit)		

Caroline, Dorchester & Queen Anne’s Counties:

CERTIPORT Score submission guidelines:

Exam scores for students participating in this option must be provided in an official capacity. Scores are sent directly from Certiport by adding the email address, registration@chesapeake.edu as a “score recipient”.

Caroline County: TAM/ECE - ECD 160 is a required course for the Early Childhood Development Advanced Certificate and Early Childhood Degrees. A special needs course is a requirement for the Early Childhood Advanced Certificate, Early Childhood Development, and Education Degrees. The special needs course is the one course Early Child and Education have in common.