

CAREER PATHWAYS ARTICULATION

And Next Course Matrix

Current as of December 16, 2016

UPPER SHORE COUNTIES	HIGH SCHOOL PROGRAM	HIGH SCHOOL COURSES REQUIRING A GRADE OF "B" OR BETTER	ARTICULATED COLLEGE PROGRAM and Major Code	NEXT COLLEGE COURSE REQUIRING A GRADE OF "C" OR BETTER- Gateway Course	ARTICULATED COURSES (College credit will be given for the courses below IF all requirements have been met)
CAROLINE COUNTY	Early Childhood Development	<ul style="list-style-type: none"> Child Development Laboratory Human Growth and Development Early Childhood Education Seminar and Internship Advance Laboratory – Child Development 	Early Childhood Development AAS Degree (641) or Early Childhood Development Advanced Certificate (642)	ECD 160 - Child Development & Behavior (3 credits)	<ul style="list-style-type: none"> ECD 101 - Introduction to Early Childhood Education (3 credits)
	Teacher Education Academy of Maryland	<ul style="list-style-type: none"> Human Growth & Development Teaching As A Profession Curriculum Planning for Instruction Teacher Academy Internship 	Elementary Education/ Elementary Special Education AAT Degree (305)	EDU 210 - Introduction to Special Education (3 credits)	<ul style="list-style-type: none"> EDU 101 - Foundations of Education (3 credits)
	Computer-Aided Drafting and Design	<ul style="list-style-type: none"> Fundamentals of Construction and Drafting Design Computer Aided Drafting I Computer Aided Drafting II Drafting and Print Reading 	Engineering Technology: Drafting and Design AAS Degree (743)	ETT 110 - Concepts of Electronics (3 credits)	<ul style="list-style-type: none"> DFT 101 - Fundamentals of Drafting/CAD (3 credits) DFT 104 - Blue Print Reading (3 credits)
	Food and Beverage Management (ProStart)	<ul style="list-style-type: none"> Food Svc Preparation I Food Svc Preparation II 	Hotel/Restaurant Management: Food Service Management Certificate(655)	FSM 103 - Food Preparation I (3 credits)	<ul style="list-style-type: none"> FSM 101 - Sanitation, Safety & First Aid (3 credits) FSM 102 - Culinary Fundamentals (3 credits)
	Industrial Technology	<ul style="list-style-type: none"> Fundamentals of Industrial Technology Mechanical Systems Fluid Process Systems Electrical Systems Drafting and Print Reading 	Engineering Technology: Drafting and Design Certificate (742)	CAD 100 - Introduction to CAD (3 credits)	<ul style="list-style-type: none"> DFT 101 - Fundamentals of Drafting/CAD (3 credits)
	Business Management	<ul style="list-style-type: none"> Principles of Bus.Administration Computer Applications II Marketing I Marketing II Accounting I Accounting II 	Business Management Technology AAS Degree (401) or Business Management Technology Certificate (402)	ACC 103 - Principles of Accounting I (3 credits)	<ul style="list-style-type: none"> BUS 101 - Introduction to Business (3 credits)
	Curriculum for Agriculture Science (CASE)	<ul style="list-style-type: none"> Introduction to Agriculture, Food and Natural Resources Plant Science or Animal Science Animal & Plant Biotechnology Agricultural Business, Research and Development (Capstone) 	Agriculture: Production Area of Concentration (175) or Agriculture: Sustainability Area of Concentration (176)	AGR 113 Soil Science (4 credits)	<ul style="list-style-type: none"> AGR 101 – Introduction to Agriculture (3 credits)

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DORCHESTER COUNTY	Construction Design and Management	<ul style="list-style-type: none"> Mechanical Drafting Architectural Drafting 	Engineering Technology: Drafting & Design AAS Degree (743)	ETT 110 - Concepts of Electronics (3 credits)	<ul style="list-style-type: none"> DFT101 - Fund of Drafting/CAD (3 credits) CAD100 - Introduction to CAD (3 credits) ACH100 – Architectural Drawing/ CAD I (3 credits)
	Construction Maintenance: Welding	<ul style="list-style-type: none"> Principles of Welding I Principles of Welding II Intermediate Welding Advanced Welding 	Engineering Technology: Welding Advanced Certificate (776)	DFT 104 - Blue Print Reading (3 credits)	<ul style="list-style-type: none"> WEL 100 - Arc Welding (3 credits)
	Interactive Media Production	<ul style="list-style-type: none"> Principles of Arts, Media and Communication Interactive Multimedia Production Advanced Interactive Multimedia Production 	Computer Information Systems: Interactive Media/Web Design AAS Degree (474) or Interactive Media/Web Design Advanced Certificate (491)	IMD 171 - Desktop Publishing and Graphics Presentation (3 credits)	<ul style="list-style-type: none"> IMD165 - Digital Graphic Design (3 credits) IMD190 - Digital Image Processing (3 credits)
	Law Enforcement/ Criminal Justice	<ul style="list-style-type: none"> Foundations of Homeland Security & Emergency Preparedness Administration of Justice I Administration of Justice II Internship/Capstone Experience 	Criminal Justice: Law Enforcement AAS Degree (602) or Law Enforcement Certificate (606)	CMJ 108 – Law Enforcement Administration (3 credits)	<ul style="list-style-type: none"> CMJ101 – Introduction to Law Enforcement & Criminal Justice (3 credits)
	Culinary Arts (ACF)	<ul style="list-style-type: none"> Culinary I Culinary II Culinary III Culinary IV 	Hotel/Restaurant Management: Food Service Management Certificate (655)	FSM 103 - Food Preparation I (3 credits)	<ul style="list-style-type: none"> FSM 101 - Sanitation, Safety & First Aid (3 credits) FSM 102 - Culinary Fundamentals (3 credits)
	Teacher Education Academy of Maryland	<ul style="list-style-type: none"> Human Growth & Development Teaching as a Profession Foundations of Curriculum & Instruction Education Academy Internship 	Elementary Education/ Elementary Special Education AAT Degree (305)	EDU 210 - Introduction to Special Education (3 credits)	<ul style="list-style-type: none"> EDU 101 - Foundations of Education (3 credits)
	Curriculum for Agriculture Science (CASE)	<ul style="list-style-type: none"> Introduction to Agriculture, Food and Natural Resources Plant Science or Animal Science Animal & Plant Biotechnology Agricultural Business, Research and Development (Capstone) 	Agriculture: Production Area of Concentration (175) or Agriculture: Sustainability Area of Concentration (176)	AGR 113 Soil Science (4 credits)	<ul style="list-style-type: none"> AGR 101 – Introduction to Agriculture (3 credits)

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KENT COUNTY	Teacher Education Academy of Maryland	<ul style="list-style-type: none"> Human Growth & Development Teaching as a Profession Foundations of Curriculum & Instruction Education Academy Internship 	Elementary Education/ Elementary Special Education AAT Degree (305)	EDU 210 - Introduction to Special Education (3 credits)	<ul style="list-style-type: none"> EDU 101 - Foundations of Education (3 credits)
	Food and Beverage Management (ProStart)	<ul style="list-style-type: none"> Food Service Preparation I Food Service Preparation II 	Hotel/Restaurant Management: Food Service Management Certificate (655)	FSM 103 - Food Preparation I (3 credits)	<ul style="list-style-type: none"> FSM 101 - Sanitation, Safety & First Aid (3 credits) FSM 102 - Culinary Fundamentals (3 credits)
	Curriculum for Agriculture Science (CASE)	<ul style="list-style-type: none"> Introduction to Agriculture, Food, and Natural Resources (AFNR) Principles of Agricultural Science- Animal Animal & Plant Biotechnology Agricultural Business Research and Development (Capstone) 	Agriculture: Production Area of Concentration (175) or Agriculture: Sustainability Area of Concentration (176)	AGR 113 Soil Science (4 credits)	<ul style="list-style-type: none"> AGR 101 – Introduction to Agriculture (3 credits)

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QUEEN ANNE'S COUNTY	Teacher Education Academy of Maryland	<ul style="list-style-type: none"> Human Growth & Development Teaching as a Profession Foundations of Curriculum & Instruction Education Academy Internship 	Elementary Education/ Elementary Special Education AAT Degree (305)	EDU 210 - Introduction to Special Education (3 credits)	<ul style="list-style-type: none"> EDU 101 - Foundations of Education (3 credits)
	Construction Maintenance: Welding	<ul style="list-style-type: none"> Principles of Welding I Principles of Welding II Intermediate Welding Advanced Welding 	Engineering Technology: Welding Advanced Certificate (776)	DFT 104 - Blue Print Reading (3 credits)	<ul style="list-style-type: none"> WEL 100 - Arc Welding (3 credits)
	Interactive Media Production	<ul style="list-style-type: none"> Principles of Art, Media & Communications Interactive Multimedia Production Advanced Interactive Multimedia Production (2) 	Computer Information Systems: Interactive Media/Web Design AAS Degree (474) or Interactive Media/Web Design Advanced Certificate – (491)	CIS 109 - Introduction to Computers (4 credits)	<ul style="list-style-type: none"> CIS 179 - Introduction to HTML (3 credits) CIS 115 - Microcomputer Applications Integration (3 credits) IMD 175 - Multimedia & Web Design I (3 credits)
	Business Management	<ul style="list-style-type: none"> Principles of Business Management Principles of Accounting & Finance Advanced Business Management Business Management Capstone 	Business Management Technology AAS Degree (401) or Business Management Technology Certificate (402)	BUS 230 - Marketing (3 credits)	<ul style="list-style-type: none"> BUS 101 - Introduction to Business (3 credits)
	Curriculum for Agriculture (CASE)	<ul style="list-style-type: none"> Introduction to Agriculture, Food and Natural Resources Plant Science or Animal Science Animal & Plant Biotechnology Agricultural Business, Research and Development (Capstone) 	Agriculture: Production Area of Concentration (175) or Agriculture: Sustainability Area of Concentration (176)	AGR 113 Soil Science (4 credits)	<ul style="list-style-type: none"> AGR 101 – Introduction to Agriculture (3 credits)

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TALBOT COUNTY	Culinary Arts (AFC)	<ul style="list-style-type: none"> Culinary Basic I Culinary Basic II Culinary Pathway I Culinary Pathway II 	Hotel/Restaurant Management: Food Service Management Certificate (655)	FSM 103 - Food Preparation I (3 credits)	<ul style="list-style-type: none"> FSM 101 - Sanitation, Safety & First Aid (3 credits) FSM102 - Culinary Fundamentals (3 credits)
	Interactive Media Productions	<ul style="list-style-type: none"> Principles of Art, Media and Communications Interactive Multimedia Production Advanced Interactive Multimedia Production (2) 	Computer Information Systems: Interactive Media & Web Design AAS Degree (474) or Interactive Media & Web Design Advanced Certificate (491)	CIS 109 - Introduction to Computers (4 credits)	<ul style="list-style-type: none"> CIS 179 - Introduction to HTML (3 credits) CIS 115 - Microcomputer Applications Integration (3 credits) IMD 175 - Multimedia & Web Design I (3 credits)
	Business Management	<ul style="list-style-type: none"> Principle of Business Management & Finance Principles of Accounting & Finance Advanced Business Management 	Business Management Technology AAS Degree (401) or Business Management Technology Certificate (402)	BUS 230 - Marketing (3 credits)	<ul style="list-style-type: none"> BUS 101 - Introduction to Business (3 credits)
	Marketing	<ul style="list-style-type: none"> Principle of Business Management & Finance Principles of Accounting & Finance Introduction to Marketing Advanced Marketing 	Business Management Technology AAS Degree (401) or Business Management Technology Certificate (402)	BUS 230 - Marketing (3 credits)	<ul style="list-style-type: none"> BUS 101 - Introduction to Business (3 credits)
	Drafting	<ul style="list-style-type: none"> Drafting I Drafting II Drafting III Drafting IV 	Engineering technology: Drafting and Design AAS Degree (743) or Drafting and design Certificate (742)	CAD 100 – Introduction to CAD (3 credits)	<ul style="list-style-type: none"> DFT 101 – Fundamentals of Drafting/CAD (3 credits) ACH 100 – Architectural Drawing/CAD I (3 credits)
	Teacher Education Academy of Maryland	<ul style="list-style-type: none"> Human Growth & Development Teaching as a Profession Foundations of Curriculum & Instruction Education Academy Internship 	Elementary Education/ Elementary Special Education AAT Degree (305)	EDU 210 - Introduction to Special Education (3 credits)	<ul style="list-style-type: none"> EDU 101 - Foundations of Education (3 credits)
	Curriculum for Agriculture Science (CASE)	<ul style="list-style-type: none"> Introduction to Agriculture, Food and Natural Resources Plant Science or Animal Science Animal & Plant Biotechnology Agricultural Business, Research and Development (Capstone) 	Agriculture: Production Area of Concentration (175) or Agriculture: Sustainability Area of Concentration (176)	AGR 113 Soil Science (4 credits)	<ul style="list-style-type: none"> AGR 101 – Introduction to Agriculture (3 credits)