# **Articulation Agreement**

# Community College of Baltimore County and Harford County Public Schools

College Credit for Prior Learning at the High School

**Graduating Classes of 2024 and 2025** 





### Steps to receiving articulated credit

- 1. Obtain official transcript from high school with CTE coursework.
- 2. Submit official transcript to CCBC by email or mail:

Email: echerry@ccbcmd.edu

CCBC Essex - Attn: Emilie Cherry

7201 Rossville Blvd. - ADMN 100-D

Baltimore, MD 21237

3. Contact CCBC faculty to schedule portfolio review.

See individual agreement for CCBC faculty contact information.

(Not all CTE completers will need a portfolio review.)

Students must be enrolled at CCBC before credits are issued.

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#### **Articulation Agreement**

The following Articulation Agreement has been developed for students in the Harford County Public Schools who plan to continue their education at the Community College of Baltimore County. The Agreement describes articulated programs that build on Harford County Public Schools' approved learning experience with the goal of eliminating duplication of instruction. This Agreement commences with the 2023-2025 school years and includes some provisions unique to the graduating classes of 2024 and 2025.

It is understood by the parties that no funds will be exchanged in furtherance of this Agreement, and that it may be terminated by either party at the end of the 2024-2025 school year.

#### Non-Discrimination Statement

The Board of Education of Harford County does not discriminate on the basis of age, ancestry/national origin, color, disability, pregnancy, gender identity/expression, marital status, race, religion, sex, or sexual orientation in matters affecting employment or in providing access to programs and activities and provides equal access to the Boy Scouts and other designated youth groups.

In accordance with the requirements of Title IX of the Education Amendments of 1972 (20 U.S.C. §1681, et seq.), Harford County Public Schools does not discriminate on the basis of sex in any of its programs or activities or with regard to employment. Inquiries about the application of Title IX, and its implementing regulations to Harford County Public Schools may be referred to Dr. Paula Stanton, Harford County Public Schools Title IX Coordinator, by mail to 102 S. Hickory Avenue, Bel Air, Maryland 21014, or by telephone to 410.809.6064 or by email to <a href="mailto-paula.Stanton@hcps.org">Paula.Stanton@hcps.org</a>, or the Assistant Secretary for the Office of Civil Rights in the United States Department of Education by mail to 400 Maryland Avenue, SW, Washington, DC 20202 or by telephone 1.800.421.3481, or both.

#### Equal Opportunity and Affirmative Action Statement

"The Community College of Baltimore County practices equal opportunity in education and employment and is strongly and actively committed to diversity with the college community."

#### **About this Agreement**

The following pages contain comparisons of Harford County Public Schools (HCPS) Career and Technical Education program sequences with introductory courses at the Community College of Baltimore County (CCBC). Faculty from the HCPS and CCBC meet regularly to compare knowledge and skills taught in the high school programs with those taught at the introductory level in the college programs. High school students who achieve at the appropriate levels in the high school programs listed in this document may request credit for documented achievement when they enroll in the Community College of Baltimore County.

The advanced placement earned through HCPS articulated career and technology programs allows students to move more quickly through the community college. Successful completion of articulated programs will also offer opportunities for students to begin their careers earlier and save hundreds of dollars in college tuition.

This agreement describes the guidelines and procedures for awarding credit, and the responsibilities of the high schools and the College for maintaining this agreement. The specific program sequences that meet the articulation criteria are listed.

For additional information visit:

- Harford County Public Schools, Career and Technical Education webpage
- Community College of Baltimore County, Career Pathways webpage

#### **Articulation Partnership Coordinators:**

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#### Guidelines for Awarding Articulated High School Credit

The Community College of Baltimore County (CCBC) agrees to grant college credit to high school students who successfully complete a specific Career and Technical Education (Career Completer) or magnet program in the Harford County Public Schools (HCPS). The articulated Career and Technical Education (CTE) program sequences and courses are identified in this Agreement. A student will be awarded credit based on the Agreement in effect at the time of graduation. HCPS students must successfully complete all required credits in the MSDE/HCPS CTE career completer program of study with a cumulative technical grade point average of a B or better and with a C grade or higher in each required course to receive articulated credit.

#### **Articulated Credit Criteria**

- The student must complete the high school CTE program sequence of study and the specific courses identified with a **technical Grade Point Average of B or better unless otherwise noted**.
- The student must register for a credit or workforce training course at CCBC within three years of high school graduation. A student seeking articulated credit after the three-year limit should work with the College Program coordinator to consider other opportunities for credit for prior learning.
- The approved articulated credit will be posted to the CCBC transcript upon receipt of the high school transcript and the student's enrollment in the Community College of Baltimore County. The high school counselor or other designated school official should send the student's final transcript and home address to:

CCBC Career Pathways Office, ADMN 100-D 7201 Rossville Blvd., Baltimore, MD 21237 ATTN: Emilie Cherry

• A student unable to make satisfactory progress in a higher-level CCBC course in the areas for which articulated credit is awarded may, at the recommendation of the instructor, be required to complete a lower-level course.

# **Implementation Procedures for: Harford County Public Schools**

- Communicate the details of the Articulation Agreement to high school principals, teaching staff, professional school counselors, work-study coordinator, parents, and students.
- Implement procedures for a CTE teacher or school counselor to send the student's high school transcript and home address to the CCBC CTE office, above.

# **Implementation Procedures for:**

## **Community College of Baltimore County**

- Develop advisement procedures for new students from HCPS enrolled in programs with articulated credits.
- Develop procedures to connect program coordinators and students with articulated credit during their first semester at CCBC.
- Produce tracking reports of enrolled students with articulated credit.
- Early College Access Programs (ECAP): Students concurrently enrolled in high school and CCBC classes are eligible to receive articulated credits upon successful completion of their Career Completer program of study.

#### **Additional Clarification**

- 1. While students are expected and encouraged to continue their education and training in the CTE program of study at CCBC that articulates with their HCPS program, it is not a requirement. Many factors contribute to a change of major for students and that will be honored by CCBC. Therefore, the agreement does not require program-to-program continuation as a condition for the receiving of articulated credits.
- 2. CCBC will determine how the articulated credits will apply toward certificate and degree requirements, e.g., requirement for graduation, elective.
- 3. CCBC does not determine how articulated credits are received by 4-year colleges and universities. That decision is made by the 4-year institution. In some cases, articulated credits from high school may not be accepted by 4-year institutions.
- 4. Students meeting the requirements for articulated credits at CCBC will be awarded those credits whether attending full time or part time.
- 5. Should a HCPS Career Completer program of study be discontinued, students successfully completing the requirements in that program will still be awarded articulated credit.

#### Articulated Agreement Maintenance, Review, and Reporting

The following procedures are suggested to provide an objective means for assessing the success of the articulation activities:

- A Coordinating Committee composed of CCBC representatives and one representative from HCPS will meet once every year to review the articulation agreement guidelines and implementation procedures and recommend changes, if necessary.
- CCBC and HCPS program coordinators may suggest new areas for articulation. It will be their responsibility to schedule periodic meetings of faculty members in programs where articulated credit has been awarded to review curricula and to make recommendations for awarding articulated credit.
- CCBC will complete an annual report at the end of the academic year indicating the number of students who receive articulated credit and the high schools the students previously attended. A copy of this annual report will be sent to appropriate administrators at HCPS.
- Revisions to applicable course syllabi at any of the participating schools or CCBC will be sent to appropriate department heads and program coordinators.
- Appropriate administrators of HCPS and CCBC will review the Articulation Guidelines annually.

Revised: June 2, 2023

between

#### Harford County Public Schools and Community College of Baltimore County

#### **HCPS Program Title:**

Academy of Health Professions

#### **CCBC Program Title:**

School of Health Professions; Health Education; Physical Education; Biology; Health Informatics and Information Technology; Allied Health

#### **Course Sequence Option I**

HCPS Course #	HCPS Course Title	HCPS Credits Earned	CCBC Course #	CCBC Course Title	CCBC Credits Awarded
Required	HCPS Courses	Below	CCBC	Courses Awarded	Below
CT 27	Foundations of Medical and Health Science	1	HLTH 140	First Aid, Safety, and CPR	3
CT 55W	Structure and Functions of the Human Body	1	BIOL 107	Human Biology	4
CT 59W	Certified Nursing Assistant	1	BIOL 160	Body Structure and Function	3
CT 63W and/or CT 96W	Allied Health Internship <i>and/or</i> Clinical Internship	1 and/or 1	ALHL 104	Introduction to Health Careers	2

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#### Harford County Public Schools and Community College of Baltimore County

#### **HCPS Program Title:**

Academy of Health Professions (Continued)

#### **CCBC Program Title:**

School of Health Professions; Health Education; Physical Education; Biology; Health Informatics and Information Technology; Allied Health

#### **Course Sequence Option II**

HCPS Course #	HCPS Course Title	HCPS Credits Earned	CCBC Course #	CCBC Course Title	CCBC Credits Awarded
Required	HCPS Courses	Below	CCBC	Courses Awarded	Below
CT 27	Foundations of Medical and Health Science	1	HLTH 140	First Aid, Safety, and CPR	3
CT 55W	Structure and Functions of the Human Body	1	BIOL 107	Human Biology	4
CA 04	Physical Rehabilitation	1	BIOL 160	Body Structure and Function	3
CT 63W	Allied Health Internship	1	ALHL 104	Introduction to Health Careers	2

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#### MSDE/Harford County Public Schools and Community College of Baltimore County

**HCPS Program Title:** 

Agriculture Science: Animal, Plant, and Mechanical

**CCBC Program Title:** Veterinary Technology

HCPS Course #	HCPS Course Title	HCPS Credits Earned	CCBC Course #	CCBC Course Title	CCBC Credits Awarded
Required	HCPS Courses	Below	CCBC	Courses Awarded	Below
CT 88	Foundations of Natural Resources and Animal Science	1	VETT 106	Intro. to Veterinary Tech.	2
CT 92	Animal Management and Nutrition	1			
CT 17W	Comparative Anatomy of Companion Animals	1			
CT 95	Research in Natural Resources and Animal Science	1			

This agreement is a statewide agreement between the Maryland State Department of Education and the Community College of Baltimore County.

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#### MSDE/Harford County Public Schools and Community College of Baltimore County

#### **HCPS Program Title:**

Automotive Service Technology

#### **CCBC Program Title:**

Automotive Technology (Comprehensive / Global Program only)

HCPS	HCPS Course	HCPS	CCBC	CCBC Course	CCBC
Course #	Title	Credits	Course #	Title	Credits
		Earned			Awarded
Required	HCPS Courses	Below	CCBC	Courses Awarded	Below
CT 03	Introduction to	1	AUTO	Introduction to	5
	Automotives		100	Automotive	
				Technology	
CT 19	Automotive	1			
	Diagnostics and				
	Repair I				
CT 20	Automotive	2			
	Diagnostics and				
	Repair II				

This agreement is a statewide agreement between the Maryland State Department of Education and the Community College of Baltimore County.

To be considered for articulated credit, students must have a portfolio review and assessment by the CCBC Automotive faculty. Upon verification, articulation will be conditionally offered after the successful completion of the following S/P2 Training at CCBC: Automotive Service Safety and Automotive Service Pollution Prevention. Contact: Ryan Washington at <a href="mailto:rwashington2@ccbcmd.edu">rwashington2@ccbcmd.edu</a> or 443.840.4969 to arrange a review and an assessment.

A student must earn a B or better in each of the courses listed and pass the ASE Entry-Level end-of-course assessment in; Maintenance and Light Repair, Suspension and Steering, Electrical/Electronic Systems, and Brakes to earn the articulated credit for each corresponding course.

#### CCBC Portfolio Review and Assessment Guideline

- Schedule an appointment with a CCBC Automotive Faculty Member
- Present the High School Transcript (Official)
- Present the ASE Entry Level Certificates
- Establish a S/P2 Training Profile at CCBC

between

#### Harford County Public Schools and Community College of Baltimore County

**HCPS Program Title:** 

College-Career Research and Development (CCRD)

**CCBC Program Title:** 

Student Development

HCPS Course #	HCPS Course Title	HCPS Credits Earned	CCBC Course #	CCBC Course Title	CCBC Credits Awarded
Required	HCPS Courses	Below	CCBC	Courses Awarded	Below
CT 85	Intro to College-Career Research and Development	1	SDEV 103	Career/ Life Planning	3
CT 86	Advanced College-Career Research and Development	1			
CT 87	College-Career Research and Development Work- Based Learning Experience	2			

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#### Harford County Public Schools and Community College of Baltimore County

#### **HCPS Program Title:**

Construction Maintenance

#### **CCBC Program Titles:**

Construction Management; Heating, Ventilation and Air Conditioning (HVAC) & Energy Technology

HCPS Course #	HCPS Course Title	HCPS Credits	CCBC Course #	CCBC Course Title	CCBC Credits
		Earned			Awarded
Required	HCPS Courses	Below	CCBC	Courses Awarded	Below
CT 01	Introduction to	1	CONT	Construction	3
	Construction		101	Blueprint Reading	
CT 43	Heating, Air	1	CONT	Practices of	3
	Conditioning and		116	Residential	
	Refrigeration I			Construction	
CT 44	Heating, Air	1	ARIC	Basic HVAC	4
	Conditioning and	or	104	Electricity	
CT 0=	Refrigeration II	2			
CT 87	Work Based	1	AIRC	HVACR Safety,	3
	Learning (Optional)		110	Tools and	
				Methods	
			AIRC	Fundamentals of	3
			115	Refrigeration	
			AIRC	Heating Systems	3
			205		
			AIRC	Comfort Cooling	3
			210	Systems	

To receive articulated credit for HVAC, students must complete testing to confirm proficiency. For more information, contact: Brian Penn at bpenn@ccbcmd.edu or 443.840.5010

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#### Harford County Public Schools and Community College of Baltimore County

**HCPS Program Title:** 

Construction Trades: Carpentry and Electrical

**CCBC Program Titles:**Construction Management

#### **Carpentry Pathway**

HCPS Course #	HCPS Course Title	HCPS Credits Earned	CCBC Course #	CCBC Course Title	CCBC Credits Awarded
Required	HCPS Courses	Below	CCBC	Courses Awarded	Below
CT 01	Introduction to Construction	1	CONT 101	Constr. Blueprint Reading	3
CT 34	Carpentry I	1	CONT 116	Practices of Res. Constr.	3
CT 35	Carpentry II	1 or 2			
CT 87	Work Based Learning (Optional)	1			

#### **Electrical Pathway**

HCPS	HCPS Course	HCPS Credite	CCBC	CCBC Course	CCBC
Course #	Title	Credits Earned	Course #	Title	Credits Awarded
Required	HCPS Courses	Below	CCBC	Courses Awarded	Below
CT 01	Introduction to	1	CONT	Construction	3
	Construction		101	Blueprint Reading	
CT 37	Electricity I	1	CONT	Practices of	3
			116	Residential	
				Construction	
CT 38	Electricity II	1			
		or			
CT 05	W 1 D 1	2			
CT 87	Work Based Learning (Optional)				

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#### Harford County Public Schools and Community College of Baltimore County

#### **HCPS Program Title:**

Homeland Security & Emergency Preparedness: Geographic Information Systems & Technology

#### **CCBC Program Title:**

Geospatial Applications Certificate; Engineering Technology (Geospatial Applications Concentration)

HCPS Course #	HCPS Course Title	HCPS Credits Earned	CCBC Course #	CCBC Course Title	CCBC Credits Awarded
Required	HCPS Courses	Below	ССВС	Courses Awarded	Below
CT 71	Foundations of Homeland Security & Emergency Preparedness 66.11	1	GEOA 101	Introduction to Geographic Information Systems	3
CT 81	S.T.A.R.S. Course I & II	1			
CT 82	S.T.A.R.S. Course III & IV	1			
CT 83	Internship\Senior Project/GIS Portfolio	1			

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#### Harford County Public Schools and Community College of Baltimore County

**HCPS Program Title:** 

Horticulture: Landscape Architecture Management Pathway

**CCBC Program Title:** Sustainable Horticulture

HCPS	<b>HCPS Course</b>	HCPS	CCBC	CCBC Course	CCBC
Course #	Title	Credits	Course #	Title	Credits
		Earned			Awarded
Required	HCPS Courses	Below	CCBC	Courses Awarded	Below
TE 05	Foundations of	1	HORT	Introduction to	3
	Technology		127	Sustainable	
				Horticulture	
CT 08	Horticulture I	1	HORT	Woody	3
			110	Ornamentals I	
CT 09	Horticulture II	2	HORT	Herbaceous Plant	2
			111	Materials	
CT 10	Horticulture III	2	HORT	Woody	3
			210	Ornamentals II	
			HORT	Cooperative	1
			181	Education I:	
				Horticulture	

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#### Harford County Public Schools and Community College of Baltimore County

**HCPS Program Title:** 

Large Animal

**CCBC Program Title:** 

Veterinary Technology

HCPS Course #	HCPS Course Title	HCPS Credits Earned	CCBC Course #	CCBC Course Title	CCBC Credits Awarded
Required	HCPS Courses	Below	ССВС	Courses Awarded	Below
CT 88	Foundations of Natural Resources and Agricultural Science	1	VETT 106	Intro. To Veterinary Technology	2
CT 89	Comparative Anatomy of Farm Animals	1			
CT 93	Animal Management Science	1			
CT 95	Research and Application in Natural Resources and Animal Science	1			

between

#### Harford County Public Schools and Community College of Baltimore County

**HCPS Program Title:** 

Manufacturing

**CCBC Program Title:** 

Advanced Industrial Design and Technology

HCPS Course #	HCPS Course Title	HCPS Credits Earned	CCBC Course #	CCBC Course Title	CCBC Credits Awarded
Required	HCPS Courses	Below	CCBC	Courses Awarded	Below
CT 0201	Intro. to Manufacturing	1	CAMM 111	Machine Tool Processes I	3
CT 25	Fundamentals of Manufacturing Tech. and Business Math	2	CAMM 112	Machine Tool Processes II	4
CT 26	Advanced Apps. to Manufacturing	2	CAMM 152	Turning Technology	3
			CAMM 161	Milling Machine Operation	3
			CAMM 101	Numerically Controlled Machines	3

Credit for National Institute of Metalworking Skills (NIMS) Certification Earned:

Certification Name	CCBC	CCBC Course Title	Credits
	Course #		Awarded
NIMS-Milling Programming Setup	CAMM 101	Numerically Controlled	3
and Operations and	and	Machines and CNC Milling	and
CNC Mill Operations	CAMM 252	Machine Operation	3
NIMS-Measurement, Materials and	CAMM 111	Machine Tool Processes I	3
Safety			
NIMS-Turning Operations:	CAMM 152	Turning Technology	3
Chucking <i>or</i>			
NIMS-Turning Operations: Between			
Centers			
NIMS-Milling Machine Operation	CAMM 161	Milling Machine Operation	3

To receive articulated credit for Computer-Automated Machining and Manufacturing (CAMM) courses, students must complete a portfolio/content review with CCBC Advanced Industrial Design and Technology faculty. To schedule an appointment, contact: John Lyons at <a href="mailto:jlyons3@ccbcmd.edu">jlyons3@ccbcmd.edu</a> or 443.840.5424

between

#### Harford County Public Schools and Community College of Baltimore County

#### **HCPS Program Title:**

Natural Resources and Agricultural Sciences-Natural Resources Sciences Pathway

#### **CCBC Program Title:**

Sustainable Horticulture

HCPS Course #	HCPS Course Title	HCPS Credits Earned	CCBC Course #	CCBC Course Title	CCBC Credits Awarded
Required	HCPS Courses	Below	ССВС	Courses Awarded	Below
CT 88	Foundations of Natural Resources and Agricultural Sciences	1	HORT 127	Introduction to Sustainable Horticulture	3
CT 90	Wildlife Management and Sciences	1			
CT 93	Wetlands and Aquatics Sciences	1			
CT 95	Research and Applications in Natural Resources and Agricultural Sciences	1			

between

#### Harford County Public Schools and Community College of Baltimore County

#### **HCPS Program Title:**

Natural Resources and Agricultural Sciences-Plant Science Pathway

#### **CCBC Program Title:**

Sustainable Horticulture

HCPS Course #	HCPS Course Title	HCPS Credits	CCBC Course	CCBC Course Title	CCBC Credits
		Earned	#		Awarded
Required	HCPS Courses	Below	CCBC	Courses	Below
				Awarded	
CT 88	Foundations of Natural	1	HORT	Introduction to	3
	Resources and		127	Sustainable	
	Agricultural Sciences			Horticulture	
CT 90	Plant Propagation and	1			
	Production				
CT 93	Edible Ornamental and	1			
	Environmental Plants				
CT 95	Research and	1			
	Applications in Natural				
	Resources and				
	Agricultural Sciences				

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#### Harford County Public Schools and Community College of Baltimore County

**HCPS Program Title:** 

Small Animal

**CCBC Program Title:** 

Veterinary Technology

HCPS	<b>HCPS Course Title</b>	HCPS	CCBC	<b>CCBC Course</b>	CCBC
Course #		Credits	Course #	Title	Credits
		Earned			Awarded
Required	HCPS Courses	Below	ССВС	Courses Awarded	Below
CT88	Foundations of	1	VETT 106	Intro. To	2
	Natural Resources			Veterinary Tech.	
	and Animal Science			3	
CT92	Animal Management	1			
	and Nutrition				
CT17W	Comparative	1			
	Anatomy of				
	Companion Animals				
CT95	Research in Natural	1			
	Resources and				
	Animal Science				