

# **Articulation Agreement**

**Community College of Baltimore County  
and  
Carroll 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](mailto: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 Carroll County Public Schools who plan to continue their education at the Community College of Baltimore County. The Agreement describes articulated programs that build on Carroll 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**

Carroll County Public Schools does not discriminate on the basis of race, ethnicity, gender, age, national origin, religion, creed, disability, socio-economic status, marital status, pregnancy, political belief, or sexual orientation, and does comply with the Title VI, Title VII, Title IX, and Section 504 of the Rehabilitation Act of 1973 in all of its educational programs. All courses are open to both male and female students.

### **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 Carroll County Public Schools (CCPS) Career and Technical Education program sequences with introductory courses at the Community College of Baltimore County (CCBC). Faculty from CCPS 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 CCPS articulated career and technical 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 the following websites:

[Carroll County Public Schools, Career and Technical Education webpage](#)

[Community College of Baltimore County, Career Pathways webpage](#)

### **Articulation Partnership Coordinators:**

Emilie Cherry

Director of High School Collaboration

CCBC Essex, 7201 Rossville Blvd., Baltimore, MD 21237

Building ADMN – 100D

443.840.1997

[echerry@ccbcmd.edu](mailto:echerry@ccbcmd.edu)

William Eckles

Supervisor of Career and Technical Education

Office of Career & Technical Education

Carroll County Public Schools

125 N. Court Street, Westminster, MD 21157

410.751.3104

[wpeckle@carrollk12.org](mailto:wpeckle@carrollk12.org)

Leslie Blauhut Chesley

Coordinator, Career and Technical Education

Carroll County Public Schools

125 N. Court Street, Westminster, MD 21157

410.751.3131

[lbchesl@carrollk12.org](mailto:lbchesl@carrollk12.org)

## **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) program in the Carroll County Public Schools (CCPS). 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. **CCPS students must successfully complete all required high school credits in a CTE career completer program of study for articulated credit.**

### **Articulated Credit Criteria**

- The student must complete the high school CTE program sequence of study with a **technical Grade Point Average of B or better** and **with a C grade or higher** in each required course, 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 Essex - Attn: Emilie Cherry  
7201 Rossville Blvd. - ADMN 100-D  
Baltimore, MD 21237

- 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: Carroll 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 CCPS 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 CCPS 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 CCPS 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 CCPS will meet once every year to review the articulation agreement guidelines and implementation procedures and recommend changes, if necessary.
- CCBC and CCPS 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 CCPS.
- 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 CCPS and CCBC will review the Articulation Guidelines annually.

Revised: May 31, 2023

**2023-2025 Articulation Agreement**

*between*

**Carroll County Public Schools and Community College of Baltimore County**

**CCPS 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

<b>CCPS Course #</b>	<b>CCPS Course Title</b>	<b>CCPS Credits Earned</b>	<b>CCBC Course #</b>	<b>CCBC Course Title</b>	<b>CCBC Credits Awarded</b>
<i>Required</i>	<i>CCPS Courses</i>	<i>Below</i>	<i>CCBC</i>	<i>Courses Awarded</i>	<i>Below</i>
556519	Foundations of Medicine and Health Science	1	HLTH 140	First Aid, Safety, and CPR	3
556619	Structures and Functions of the Human Body	1	BIOL 107	Human Biology	4
556416 <i>or</i> 556916	CNA: Theory and Clinical Experience <i>or</i> Physical Rehabilitation: Theory and Clinical Experience	1 <i>or</i> 1	BIOL 160	Body Structure and Function	3
556718 (1) 556728 (2) 556738 (3)	Honors Academy of Health Professions Internship	1-3 credits	ALHL 104	Introduction to Health Careers	2

**This agreement is not a course by course alignment. CCPS students must successfully complete all required credits in the 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.**



**2023-2025 Articulation Agreement**

*between*

**Carroll County Public Schools and Community College of Baltimore County**

**CCPS Program Title:**

Agricultural Sciences (CASE) - Animal

**CCBC Program Title:**

Veterinary Technology

<b>CCPS Course #</b>	<b>CCPS Course Title</b>	<b>CCPS Credits Earned</b>	<b>CCBC Course #</b>	<b>CCBC Course Title</b>	<b>CCBC Credits Awarded</b>
<i>Required</i>	<i>CCPS Courses</i>	<i>Below</i>	<i>CCBC</i>	<i>Courses Awarded</i>	<i>Below</i>
500118	Honors Introduction to Agriculture, Food, and Natural Resources	1	VETT 106	Intro. to Veterinary Tech.	2
501219	CASE-Animal	1			
501619	CASE-Animal and Plant Biotechnology	1			
500219	Agriculture Business, Research and Development	1			

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**2023-2025 Articulation Agreement**

*between*

**Carroll County Public Schools and Community College of Baltimore County**

**CCPS Program Title:**

Agriculture Sciences (CASE) - Plant

**CCBC Program Title:**

Sustainable Horticulture

<b>CCPS Course #</b>	<b>CCPS Course Title</b>	<b>CCPS Credits Earned</b>	<b>CCBC Course #</b>	<b>CCBC Course Title</b>	<b>CCBC Credits Awarded</b>
<i>Required</i>	<i>CCPS Courses</i>	<i>Below</i>	<i>CCBC</i>	<i>Courses Awarded</i>	<i>Below</i>
500118	Honors Introduction to Agriculture, Food, and Natural Resources	1	HORT 127	Introduction to Sustainable Horticulture	3
501419	CASE-Plant	1			
501619	CASE-Animal and Plant Biotechnology	1			
500219	Agriculture Business, Research and Development	1			

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**2023-2025 Articulation Agreement**

*between*

**Carroll County Public Schools and Community College of Baltimore County**

**CCPS Program Title:**

Applied Mechanical Engineering

**CCBC Program Title:**

Advanced Industrial Design and Technology

<b>CCPS Course #</b>	<b>CCPS Course Title</b>	<b>CCPS Credits Earned</b>	<b>CCBC Course #</b>	<b>CCBC Course Title</b>	<b>CCBC Credits Awarded</b>
<i>Required</i>	<i>CCPS Courses</i>	<i>Below</i>	<i>CCBC</i>	<i>Courses Awarded</i>	<i>Below</i>
558637	Applied Mechanical Engineering I (formerly Manufacturing and Machine Technologies I)	3	CAMM 111	Machine Tool Processes I	3
558737	Applied Mechanical Engineering II (formerly Manufacturing and Machine Technologies II)	3	CAMM 112	Machine Tool Processes II	4
			CAMM 161	Milling Machine Operation	3
			CAMM 152	Turning Technology	3
			CAMM 253	CNC Lathe Operation	3

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

<b>Certification Name</b>	<b>CCBC Course #</b>	<b>CCBC Course Title</b>	<b>Credits Awarded</b>
NIMS-Milling Programming Setup and Operations <i>and</i> CNC Mill Operations	CAMM 101 <i>and</i> CAMM 252	Numerically Controlled Machines <i>and</i> CNC Milling Machine Operation	3 <i>and</i> 3
NIMS-Measurement, Materials and Safety	CAMM 111	Machine Tool Processes I	3
NIMS-Turning Operations: Chucking <i>or</i> NIMS-Turning Operations: Between Centers	CAMM 152	Turning Technology	3
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 [jl Lyons3@ccbcmd.edu](mailto:jl Lyons3@ccbcmd.edu) or 443.840.5424**

**This agreement is not a course by course alignment. CCPS students must successfully complete all required credits in the 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.**

**2023-2025 Articulation Agreement**

*between*

**MSDE/Carroll County Public Schools and Community College of Baltimore County**

**CCPS Program Title:**

Automotive Service Technology

**CCBC Program Title:**

Automotive Technology

<b>CCPS Course #</b>	<b>CCPS Course Title</b>	<b>CCPS Credits Earned</b>	<b>CCBC Course #</b>	<b>CCBC Course Title</b>	<b>CCBC Credits Awarded</b>
<i>Required</i>	<i>CCPS Courses</i>	<i>Below</i>	<i>CCBC</i>	<i>Courses Awarded</i>	<i>Below</i>
551337	Auto Service Technology I	2	AUTO 100	Introduction to Automotive Technology	5
551537	Auto Service Technology II	2			

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 [rwashington2@ccbcmd.edu](mailto:rwashington2@ccbcmd.edu) 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*

**2023-2025 Articulation Agreement**

*between*

**Carroll County Public Schools and Community College of Baltimore County**

**CCPS Program Title:**

Career Research and Development (CRD)

**CCBC Program Title:**

Student Development

<b>CCPS Course #</b>	<b>CCPS Course Title</b>	<b>CCPS Credits Earned</b>	<b>CCBC Course #</b>	<b>CCBC Course Title</b>	<b>CCBC Credits Awarded</b>
<i>Required</i>	<i>CCPS Courses</i>	<i>Below</i>	<i>CCBC</i>	<i>Courses Awarded</i>	<i>Below</i>
559616	Career Research and Development	1	SDEV 103	Career/ Life Planning	3
559716	Career Preparation & Transition	1			
559726	Career Research & Development Internship	2			

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**2023-2025 Articulation Agreement**

*between*

**Carroll County Public Schools and Community College of Baltimore County**

**CCPS Program Title:**

Construction Trades: Carpentry, Electrical and Masonry

**CCBC Program Titles:**

Construction Management

Carpentry Pathway

<b>CCPS Course #</b>	<b>CCPS Course Title</b>	<b>CCPS Credits Earned</b>	<b>CCBC Course #</b>	<b>CCBC Course Title</b>	<b>CCBC Credits Awarded</b>
<i>Required</i>	<i>CCPS Courses</i>	<i>Below</i>	<i>CCBC</i>	<i>Courses Awarded</i>	<i>Below</i>
551637	Carpentry I	3	CONT 101	Constr. Blueprint Reading	3
551837	Carpentry II	3	CONT 116	Practices of Res. Constr.	3

Electrical Pathway

<b>CCPS Course #</b>	<b>CCPS Course Title</b>	<b>CCPS Credits Earned</b>	<b>CCBC Course #</b>	<b>CCBC Course Title</b>	<b>CCBC Credits Awarded</b>
<i>Required</i>	<i>CCPS Courses</i>	<i>Below</i>	<i>CCBC</i>	<i>Courses Awarded</i>	<i>Below</i>
553437	Electrical Construction I	3	CONT 101	Constr. Blueprint Reading	3
553637	Electrical Construction II	3	CONT 116	Practices of Res. Constr.	3

Masonry Pathway

<b>CCPS Course #</b>	<b>CCPS Course Title</b>	<b>CCPS Credits Earned</b>	<b>CCBC Course #</b>	<b>CCBC Course Title</b>	<b>CCBC Credits Awarded</b>
<i>Required</i>	<i>CCPS Courses</i>	<i>Below</i>	<i>CCBC</i>	<i>Courses Awarded</i>	<i>Below</i>
555437	Masonry I	3	CONT 101	Constr. Blueprint Reading	3
555637	Masonry II	3	CONT 116	Practices of Res. Constr.	3

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**2023-2025 Articulation Agreement**

*between*

**Carroll County Public Schools and Community College of Baltimore County**

**CCPS Program Title:**

Geographic Information Systems & Technology

**CCBC Program Title:**

Geospatial Applications Certificate; Engineering Technology (Geospatial Applications Concentration)

<b>CCPS Course #</b>	<b>CCPS Course Title</b>	<b>CCPS Credits Earned</b>	<b>CCBC Course #</b>	<b>CCBC Course Title</b>	<b>CCBC Credits Awarded</b>
<i>Required</i>	<i>CCPS Courses</i>	<i>Below</i>	<i>CCBC</i>	<i>Courses Awarded</i>	<i>Below</i>
540617	Foundations of Homeland Security & Emergency Preparedness	1	GEOA 101	Introduction to Geographic Information Systems	3
541117	S.T.A.R.S. Course I & II	1			
541217	S.T.A.R.S. Course III & IV	1			
541317	Homeland Security and Emergency Preparedness Capstone	1			

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**2023-2025 Articulation Agreement**

*between*

**Carroll County Public Schools and Community College of Baltimore County**

**CCPS Program Title:**

HVAC

**CCBC Program Titles:**

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

<b>CCPS Course #</b>	<b>CCPS Course Title</b>	<b>CCPS Credits Earned</b>	<b>CCBC Course #</b>	<b>CCBC Course Title</b>	<b>CCBC Credits Awarded</b>
<i>Required</i>	<i>CCPS Courses</i>	<i>Below</i>	<i>CCBC</i>	<i>Courses Awarded</i>	<i>Below</i>
550537-1	HVAC Careers I	3	CONT 101	Construction Blueprint Reading	3
550737-11	HVAC Careers II	3	CONT 116	Practices of Residential Construction	3
			AIRC 104	Basic HVAC Electricity	4
			AIRC 110	HVACR Safety, Tools and Methods	3
			AIRC 115	Fundamentals of Refrigeration	3
			AIRC 205	Heating Systems	3
			AIRC 210	Comfort Cooling Systems	3

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

**This agreement is not a course by course alignment. CCPS students must successfully complete all required credits in the 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.**