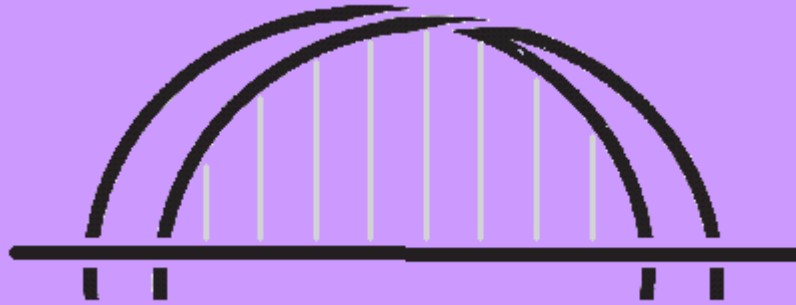


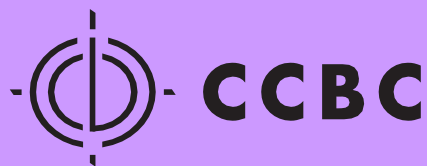
articulation



agreement

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

College Credit for Prior Learning at the High School
Graduating Class of **2019**



Steps to receiving articulated credit

1. Obtain official transcript from high school with CTE coursework.
2. Submit official transcript to CCBC, Attn: Ms. Emilie Cherry.
3. Contact CCBC faculty to schedule portfolio review.
(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 Baltimore County Public Schools who plan to continue their education at the Community College of Baltimore County. The Agreement describes articulated programs that build on Baltimore County Public Schools' approved learning experience with the goal of eliminating duplication of instruction. This Agreement commences with the 2018-2019 school year and includes some provisions unique to the graduating class of 2019.

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 2018-2019 school year.

NON-DISCRIMINATION STATEMENT

Baltimore 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 Baltimore County Public Schools (BCPS) Career and Technology Education program sequences with introductory courses at the Community College of Baltimore County (CCBC). Faculty from the BCPS 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 BCPS 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:

http://dci.bcps.org/department/academics/career_and_technology_education_and_fine_arts/career_and_technology_education/
www.cbcmd.edu/Programs-and-Courses/High-School-Student-Programs/Career-Pathways.aspx

Articulation Partnership Coordinators:

Emilie Cherry
Director of High School Collaboration
CCBC Essex, 7201 Rossville Blvd., Baltimore MD 21237
443-840-1997
echerry@cbcmd.edu

Michael E. Grubbs
Coordinator, Career and Technology Education
Office of Career & Technology Education
Baltimore County Public Schools
Jefferson Building, Room 319
105 W. Chesapeake Avenue
Towson, MD 21204
443-809-9591
mgrubbs@bcps.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 Technology Education (Career Completer) program or Junior Reserve Officer Training Corps (JROTC) in the Baltimore County Public Schools (BCPS). The articulated Career and Technology 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. **BCPS students must successfully complete a minimum of four high school credits in a CTE career completer program of study required for articulated credit.**

Articulated Credit Criteria

- The student must complete the high school CTE program or JROTC sequence of study and the specific courses identified with a **technical Grade Point Average of B or better**.
- The student must register for a 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 215F
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: Baltimore 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 BCPS 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 BCPS 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, i.e., 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 BCPS 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 BCPS will meet once every year to review the articulation agreement guidelines and implementation procedures and recommend changes, if necessary.
- CCBC and BCPS 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 BCPS.
- 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 BCPS and CCBC will review the Articulation Guidelines annually.

Revised 6/18

Career & Technology Education

...Education for a Lifetime!

Career and technology education (CTE) programs of study provide high school students with:

- ✓ Academic subject matter taught with relevance to the real world.
- ✓ Workplace, personal, academic, and technical skills.
- ✓ Educational pathways that help them explore interests and careers.
- ✓ Pathways that include four-year college degree programs, community college certificate/associate degree programs, registered apprenticeship, and industry certification.



Education for a Lifetime

CTE programs provide students with BOTH relevant career skills AND rigorous academic skills.

Did you know...?

- ✓ You will be prepared for both college AND careers?
- ✓ You may receive FREE college credit by successfully completing a CTE program?
- ✓ You may be eligible for industry credentials and related scholarships?
- ✓ Your home high school may have a program of study in a career pathway that is of interest to you?

CTE Programs of Study♦ and Electives – 2018-2019 School Year

Cluster/Program or Elective Courses	MAGNET/ TECHNICAL SCHOOLS					Comprehensive High Schools
	Carver	Eastern	Milford Mill	Sollers Point	Western	
Arts, Media & Communication Cluster Completer Programs						School to Career Supervisor
Graphic/Print Communications Technology					X	Kenwood
Interactive Media Production	X	X				Catonsville, Chesapeake*, Dundalk, Franklin, New Town, Parkville, Pikesville
Business, Management, & Finance Cluster Completer Programs						Business Education Supervisor
Business, Management, and Finance						All High Schools; please check with school
Academy of Finance						Lansdowne*, Overlea*, Randallstown
Construction & Development Cluster Completer Programs						Technical Programs Supervisor Technology Education Supervisor
Carpentry Careers	X					Perry Hall, Owings Mills, Kenwood, Lansdowne*
Electrical Careers						Franklin, Lansdowne*
Mechanical Construction/Plumbing Careers					X	Kenwood
Heating/Ventilation/Air Conditioning/Welding						Dulaney
Construction Design and Management			X			Sparrows Point
Building & Construction Technology (old name: Construction Management)		X	X	X		
Consumer Services, Hospitality & Tourism Cluster Completer Programs						Family and Consumer Sciences Supervisor Technical Programs Supervisor
Cosmetology Careers	X		X	X	X	
Culinary Arts & Restaurant Management	X	X		X	X	
Nutrition & Food Science Associate						Kenwood, Lansdowne*, New Town, Woodlawn

♦ A CTE program of study is a sequence of courses in a specific career pathway that provides a minimum of four credits in an approved CTE completer program. All CTE programs of study are approved by the Maryland State Department of Education (MSDE), and meet MSDE graduation requirements.

* Denotes a magnet program at a comprehensive school; applications may be required.

MAGNET/TECHNICAL SCHOOLS

Cluster/Program or Elective Courses	MAGNET/TECHNICAL SCHOOLS					Comprehensive High Schools
	Carver	Eastern	Miford Mill	Sollers Point	Western	
Environmental, Agricultural & Natural Resource Systems Cluster Completer Programs						Technical Programs Supervisor
Agriculture Science: Animal, Plant, and Mechanical						Hereford
Environmental Technology					X	
Health & Biosciences Cluster Completer Programs						Technical Programs Supervisor
Academy of Health Professions		X	X	X	X	Randallstown*
Project Lead The Way: Biomedical Sciences				X		Franklin, Lansdowne*, New Town, Perry Hall, Woodlawn
Human Resource Services Cluster Completer Programs						Family and Consumer Sciences Supervisor
Child Care and Early Childhood Education			X			Catonsville, Dulaney, Kenwood, Lansdowne*, New Town, Patapsco, Woodlawn
Criminal Justice Technology		X				Chesapeake*, Patapsco
Human Services Associate						Overlea
School Age Child Development & Care Services						Parkville
Homeland Security and Emergency Preparedness						Dundalk, Perry Hall
Teacher Academy of Maryland		X				Dundalk, Parkville*, Woodlawn
Information Technology Cluster Completer Programs						Business Education Supervisor
Information Technology: Computer Science	X		X	X	X	Catonsville, Chesapeake*, Dulaney, Franklin, Hereford, Loch Raven, Owings Mills, Perry Hall, Sparrows Point, Woodlawn
Information Technology: Networking		X	X	X	X	New Town, Parkville
Manufacturing Engineering & Technology Cluster Completer Programs						Technology Education Supervisor
Engineering Careers		X				
Project Lead The Way: Engineering						Catonsville, Chesapeake*, Dulaney, Dundalk, Owings Mills, Parkville*, Pikesville, Woodlawn*
Transportation Technology Cluster Completer Programs						Technical Programs Supervisor
Automotive Service Technology			X	X	X	
Diesel Truck and Power Systems Technology				X		
School To Career Transition Completer Program						School to Career Supervisor
Career Research and Development						All Comprehensive High Schools
School To Career Transition Elective Courses						School to Career Supervisor
Internship						All Comprehensive High Schools
Junior Reserve Officers' Training Corps-JROTC Leadership Program Elective Courses						JROTC Facilitator
Army JROTC						Lansdowne*, Patapsco
Air Force JROTC						Kenwood
Navy JROTC						Dundalk, Randallstown, Woodlawn
Marine Corps JROTC			X			Chesapeake*, Franklin, Overlea, Parkville
Family and Consumer Sciences Elective Courses						Family and Consumer Sciences Supervisor
High School Family & Consumer Sciences						Elective course offerings vary by school
Technology Education Required and Elective Courses						Technology Education Supervisor
High School Technology Education						Required and elective course offerings vary by school

For more information about Career and Technology Education, contact your local high school, or the CTE Office at 443-809-8921, http://dci.bcps.org/department/academics/career_technology_education_and_fine_arts

NOTICE OF NONDISCRIMINATION: The Board of Education of Baltimore County does not discriminate on the basis of race, color, religion, sex, national origin, age, marital status, sexual orientation, gender identity, genetic information, disability, or veteran status in admissions, educational programs or activities, and employment and provides equal access to the Boy Scouts and other designated youth groups. Inquiries regarding the Board's nondiscrimination policies should be directed to: EEO Officer, Office of Equal Employment Opportunity, Baltimore County Public Schools, 6901 Charles Street, Building B, Towson, Maryland 21204 (443-809-8937). There is a compliance officer responsible for identifying, preventing, and remedying prohibited harassment concerning students. Complaints of harassment should be directed to the executive director, Department of School Safety and Security, 9610 Pulaski Park Drive, Suite 219, Baltimore, Maryland 21220 (443-809-4360).

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title: Academy of Finance CIP #: 52.0850
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CCBC Program Title: Accounting (A.A. /A.A.S.); Business Administration/Business Management (A.A/A.A.S); Information Technology
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Course #	Course Title	Credits Earned
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Course #	Course Title	Credits Awarded
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Lansdowne, Overlea, and Randallstown High Schools		
<i>Required Courses:</i>		
352000	Principles of Accounting <i>or</i>	1
352010	Accounting I	1
354700	International Business <i>or</i>	.5
355420	International Finance	.5
355410	Economics/World of Finance	.5
355430	Banking & Credit	.5
355440	Financial Planning	.5

Business Management		
ACCT 101	Principles of Accounting	3
MNGT 101	Introduction to Business and Industry	3

<i>Additional Optional Courses:</i>		
352510	Software/Computer Apps. I (CIP I)	.5
352520	Software/Computer Apps. II (CIP II)	.5
350100	Keyboarding	.5
350200	Keyboarding Applications	1

Optional Courses		
*CSIT 130	Comprehensive Word Processing <i>and</i>	3
*CSIT 132	Comprehensive Spreadsheets	3

***Only students who complete Software Computer Applications I (CIP I) will receive credit for CSIT 130 and CSIT 132**

In addition, students who pass the MOS Word Exam will earn credit for CSIT130; students who pass the MOS Excel Exam will earn credit for CSIT 132; and students who pass the MOS Access exam will earn credit for CSIT134.

MOS Examinations		
CSIT 130	Comprehensive Word Processing	3
CSIT 132	Comprehensive Spreadsheets	3
CSIT 134	Comprehensive Databases	3

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.
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2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title: Advanced Technology Education
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CCBC Program Title: Engineering Technology

Course #	Course Title	Credits Earned
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Course #	Course Title	Credits Awarded
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All High Schools Eligible

Engineering Technology		
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Choose 1 Credit from the Following Courses:

55.1250.0	Foundations of Engineering	1
55.3500.4	Engineering Principles and Applications (H)	1
55.3500.5	Engineering Technology (GT)	1
56.0200.4	Introduction to Engineering Design (H) - PLTW	1
56.0210.4	Principles of Engineering (H) - PLTW	1

EGNT 101	Introduction to Engineering Technology	3
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or

Engineering Transfer		
ENSC 101	Introduction to Engineering Design	3

And

55.1600.0	Advanced Design Applications (ADA)	1
55.8500.4 (H)	Engineering Design	1
55.8500.5 (GT)		

<p><i>In order to receive articulated credit, students must achieve a passing score on the Engineering by Design ADA and Engineering Design assessments.</i></p>

<p><i>For more information contact: Taylor Kidd at 443-840-4096 or tkidd@ccbcmd.edu</i></p>
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<p>BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.</p>

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title: Agriculture Science: Animal, Plant, and Mechanical CIP #: 03.0101, 01.0601, 01.0050
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CCBC Program Title: Veterinary Technology

Course #	Course Title	Credits Earned
Hereford High School		
61.6310	Ag. Sci Veterinary Science	1
61.6330	Ag CASE Princ. of AgSci-Animal	1
<i>And any two of the following courses:</i>		
61.6360	Ag Sci Zoology Wildlife Mgt.	1
61.6340	Ag CASE Princ. of Ag Sci-Plant	1
61.6200	Ag. Internship Seminar B	1
61.6100	Ag CASE Intro Ag Sci & Nat Resources	1
61.6320	Ag Sci CASE Biotech	1

Course #	Course Title	Credits Awarded
Veterinary Technology		
VETT 106	Intro. to Veterinary Tech.	2

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.
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2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title:
Air Force Junior ROTC

CCBC Program Title:
Aviation Technology

Course #	Course Title	Credits Earned
Kenwood High School		
86.5110	AF JROTC Aerospace Science I	1
86.5210	AF JROTC Aerospace Science II	1
86.5310	AF JROTC Aerospace Science III	1
86.5410	AF JROTC Aerospace Science IV	1

Course #	Course Title	Credits Awarded
Aviation Technology		
AVMT 101	Aviation History and Development	3

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

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

BCPS Program Title: Automotive Service Technology CIP #: 47.0645

CCBC Program Title: Automotive Technology (Comprehensive / Global Program only)

Course #	Course Title	Credits Earned
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Course #	Course Title	Credits Awarded
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All High Schools Eligible MSDE Automotive Technology Program Maintenance Light Repair – Plus (FY17)		
62.4410	Automotive Service Tech 1	1
62.4420	Automotive Service Tech 2	1
62.4430	Automotive Service Tech 3	1
62.4440	Automotive Service Tech 4	1

Automotive Technology		
AUTO 100	Introduction to Automotive Technology	5

A student must earn a B or better in each course listed and pass the NATEF end-of-course assessment in Maintenance Light Repair and in three additional areas: suspension and steering, electrical and electronics, and brakes to earn the articulated credit for each corresponding course.

To be considered for articulated credits, students must have a portfolio review and assessment by the CCBC Automotive faculty. Upon verification, articulation will be conditionally offered upon independent completion of SP2 Safety Certification, and a subsequent B in AUTO 131 at CCBC.

Contact: Greg Weller at gweller@ccbcmd.edu or 443-840-4680 to arrange a review and an assessment.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title:
**Business Management and Finance Cluster,
 Accounting and Finance Pathway**
 CIP #: 52.0354

CCBC Program Title:
Accounting (A.A. /A.A.S.); Business Administration/Business Management (A.A/A.A.S);

Course #	Course Title	Credits Earned
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Course #	Course Title	Credits Awarded
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All High Schools Eligible		
35.0310	Principles of Business Administrations and Mgt.	1
35.2000	Principles of Accounting	1
	<i>or</i>	
35.2010	Accounting I	1
35.2020	Accounting II	1
35.1400	Business Capstone	1
	<i>or</i>	
	College Course or Internship	1
	<i>or</i>	
15.140	AP Economics	1

Accounting		
MNGT 101	Introduction to Business and Industry	3
ACCT 101	Principles of Accounting	3
*ECON 201	Intro to Macro-Economic Principles	3

***Only students who take AP Economics will receive credit for ECON201**

In addition, students who pass the MOS Word Exam will earn credit for CSIT130; Students who pass the MOS Excel Exam will earn credit for CSIT 132; and students who pass the MOS Access Exam will earn credit for CSIT134

MOS Examinations		
CSIT 130	Comprehensive Word Proc.	3
CSIT 132	Comprehensive Spreadsheets	3
CSIT 134	Comprehensive Databases	3

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title:
**Business Management and Finance
 Cluster, Administrative Services Pathway**
 CIP #: 52.0451

CCBC Program Title:
**Business Administration/Business
 Management (A.A/A.A.S)/Information
 Technology**

**Course # Course Title Credits
 Earned**

**Course # Course Title Credits
 Awarded**

All Schools Eligible		
35.0310	Principles of Business Administration and Management	1
35.2000	Principles of Accounting	1
35.2010	<i>or</i> Accounting I	1
35.2690	Information Systems Management I	1
35.2670	Information Systems Management II	1

Office Administration		
MNGT 101	Introduction to Business and Industry	3
ACCT 101	Principles of Accounting	3
CSIT 130	Comprehensive Word Processing	3
CSIT 132	Comprehensive Spreadsheets	3
CSIT 134	Comprehensive Databases	3

Please note: Students successfully completing other BCPS Business electives may be eligible for additional articulated credits.

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title:
Business Management and Finance Cluster, Business Management Pathway
 CIP #: 52.0251

CCBC Program Title:
Business Administration/Business Management (A.A/A.A.S)

Course #	Course Title	Credits Earned
All High Schools Eligible		
35.0310	Principles of Business Administrations and Mgt.	1
35.2000	Principles of Accounting	1
35.2010	<i>or</i> Accounting I	1
35.0510	Advanced Business Mgt.	1
35.1400	Business Capstone	1
	<i>or</i>	
15.1400	AP Economics	1
	<i>or</i>	
	College Course	1
	<i>or</i>	
	Internship	1

Course #	Course Title	Credits Awarded
Business Management		
MNGT 101	Introduction to Business and Industry	3
MNGT 105	Principles of Management	3
ACCT 101	Principles of Accounting	3
*ECON 201	Intro to Macro-Economic Principles	3

***Only students who complete AP Economics will receive credit for ECON201**

In addition, students who pass the MOS Word Exam will earn credit for CSIT130; Students who pass the MOS Excel Exam will earn credit for CSIT 132; and students who pass the MOS Access Exam will earn credit for CSIT134

MOS Examinations		
CSIT130	Comprehensive Word Proc.	3
CSIT132	Comprehensive Spreadsheets	3
CSIT134	Comprehensive Databases	3

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title:
**Business Management and Finance
 Cluster, Marketing Pathway**
 CIP #: 52.1451

CCBC Program Title:
**Business Administration/Business
 Management (A.A/A.A.S)**

**Course # Course Title Credits
 Earned**

**Course # Course Title Credits
 Awarded**

All High Schools Eligible		
35.0410	Principles of Business Administration and Management	1
35.2000	Principles of Accounting <i>or</i>	1
35.2010	Accounting I	1
35.4100	Marketing Essentials	1
35.4110	*Marketing Management <i>or</i>	1
15.1400	*AP Economics <i>or</i>	1
	College Course <i>or</i>	1
	Internship	1

Business Management- Marketing		
MNGT 101	Introduction to Business and Industry	3
ACCT 101	Principles of Accounting	3
*MNGT 150	Principles of Marketing <i>or</i>	3
*ECON 201	Intro to Macro-Economic Principles	3

***Only students who complete Marketing Management will receive credit for MNGT150, and only students who complete AP Economics will receive credit for ECON201**

In addition, students who pass the MOS Word Exam will earn credit for CSIT130; students who pass the MOS Excel Exam will earn credit for CSIT 132; and students who pass the MOS Access Exam will earn credit for CSIT134

MOS Examinations		
CSIT 130	Comprehensive Word Proc.	3
CSIT 132	Comprehensive Spreadsheets	3
CSIT 134	Comprehensive Databases	3

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title:
Child Care Services and Early Childhood Education
 CIP #: 20.0201

CCBC Program Title:
Early Childhood Development (AAS, not designed to transfer to 4 year college) – or
Early Childhood Education (AA or AAT, designed to transfer to a 4 year college)

Course #	Course Title	Credits Earned
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Catonsville, Dulaney, Kenwood, Lansdowne, Milford Mill, New Town, Overlea, Patapsco, and Woodlawn High Schools

66.0200	Child Development/ ERPI	1
66.0210	Child Development II	1

And two credits of the following:

66.0230	Decisions in Family Living	1
66.0300	Nutrition and Foods I	1
66.0800	Independent Living	.5
66.0240	Child Development Internship	1
66.0250	Child Development Internship	2

*Articulated credits will be received upon a successful review of the Child Care Services and Early Childhood Education program portfolio.

Course #	Course Title	Credits Awarded
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Early Childhood Development

EDTR 120	Child Growth and Development	3
EDTR 121	Curriculum and Materials in Early Childhood Education	3

Students should contact the campus coordinator at the campus where they attend classes to schedule a final Child Care Services program portfolio review appointment:

Linda Gronberg-Quinn
 (Dundalk and Essex Campuses)
lgronberg@ccbcmd.edu
 443-840-3139, 443-840-4153

Paul Taylor
 (Catonsville Campus)
ptaylor3@ccbcmd.edu
 443-840-4236

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title:
College-Career Research and Development (CCRD)
 CIP #: 86.0000

CCBC Program Title:
Student Development

Course # Course Title Credits Earned

Course # Course Title Credits Awarded

All High Schools Eligible		
86.1110	Intro to College-Career Research and Development	1
86.1210	Advanced College-Career Research and Development	1
86.1270	College-Career Research and Development Work-Based Learning Experience	2
	<i>or</i>	2
86.1290	College-Career Research and Development Work-Based Learning Experience	

Student Development		
SDEV 103	Career/ Life Planning	3

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title:
Construction Maintenance
CIP #: 47.5200

CCBC Program Title:
**Construction Management Degree
Construction Management Certificate
HVACR**

**Course # Course Title Credits
Earned**

**Course # Course Title Credits
Awarded**

Dulaney High School		
62.4200	HVAC Careers 1	1
62.4210	HVAC Careers 2	1
62.4220	HVAC Careers 3	1
62.4230	HVAC Careers 4	1

Construction Management Degree and Certificate		
CONT 101	Construction Blueprint Reading	3
CONT 116	Practices of Residential Construction	3

And

HVACR		
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
ELEI 101	Basic HVAC Electricity	4

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title:
Construction Trades
 CIP #: Carpentry- 46.5200; Construction Mgt./
 Building and Construction Technology -
 52.2001/; Electrical- 46.5300; Plumbing- 46.5500

CCBC Program Title:
Construction Management Degree
Construction Management Certificate
 *HVACR (for Plumbing at Kenwood/Western)

Course #	Course Title	Credits Earned
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Course #	Course Title	Credits Awarded
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Carpentry: Carver, Kenwood, Lansdowne, Perry Hall, and Owings Mills High Schools

61.9100	Carpentry Careers 1	1
61.9110	Carpentry Careers 2	1
61.9120	Carpentry Careers 3	1
61.9130	Carpentry Careers 4	1

Construction Management /Building and Construction Technology (BCT): Eastern Tech, Milford Mill, and Sollers Point High Schools

62.8000	Construction Mgt.\BCT 1	1
62.8010	Construction Mgt.\BCT 2	1
62.8020	Construction Mgt.\BCT 3	1
62.8030	Construction Mgt.\BCT 4	1

Electrical: Lansdowne, and Franklin High Schools

62.4000	Electrical Careers 1	1
62.4010	Electrical Careers 2	1
62.4020	Electrical Careers 3	1
62.4030	Electrical Careers 4	1

**Mechanical Construction/Plumbing*:
 Kenwood and Western High Schools**

62.4110	Plumbing Careers 1	1
62.4120	Plumbing Careers 2	1
62.4130	Plumbing Careers 3	1
62.4140	Plumbing Careers 4	1

Construction Management Degree and Construction Management Certificate

CONT 101	Constr. Blueprint Reading	3
CONT 116	Practices of Res. Constr.	3

***for Plumbing only: HVACR**

AIRC 110	HVACR Safety, Tools and Methods	3
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BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title: Criminal Justice Technology CIP #: 43.0199

CCBC Program Title: Criminal Justice Studies and/ or Legal Studies
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Course #	Course Title	Credits Earned
Chesapeake and Patapsco High Schools		
66.0540	Introduction to Criminal Justice	.5
66.0550	Criminalistics	1
66.0520	Survival Skills/ First Aid/ CPR in Criminal Justice	1
66.0530	Human Relations in Criminal Justice	1
66.0500	Survey of Criminal Justice Technology	.5
66.0510	Communication in Criminal Justice	.5
<i>And one of the following:</i>		
66.0560	Internship in Crim. Justice	1
66.0570	Internship in Crim. Justice	1.5
66.0580	Internship in Crim. Justice	2

Course #	Course Title	Credits Awarded
Criminal Justice Studies		
CRJU 101	Introduction to Criminal Justice	3
CRJU 112	Criminalistics	3

And/Or

Course #	Course Title	Credits Earned
Chesapeake and Patapsco High Schools		
66.0540	Intro to Crim. Justice	.5
	<i>or</i>	
66.0550	Criminalistics	1
66.0500	Survey of Criminal Justice Technology	.5
66.0510	Communication in Criminal Justice	.5
66.0520	Survival Skills/ First Aid/ CPR in Criminal Justice	1
<i>And one of the following:</i>		
66.0560	Internship in Crim. Justice	1
66.0570	Internship in Crim. Justice	1.5
66.0580	Internship in Crim. Justice	2

Course #	Course Title	Credits Awarded
Legal Studies		
LGST 101	Introduction to Law	3
LGST 192	Special Projects in Legal Studies-Elective	2

<p>BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.</p>

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title: Engineering Careers CIP #: 14.0101

CCBC Program Titles: Computer-Aided Design/ Engineering Technology/ Engineering Transfer (A.A.S/A.A.S./ A.S.)
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Course #	Course Title	Credits Earned
Eastern Technical High School		
56.0310	Engineering Careers 1	1
56.0320	Engineering Careers 2	1
56.0330	Engineering Careers 3	1
56.0340	Engineering Careers 4	1

Course #	Course Title	Credits Awarded
Computer-Aided Design*		
CADD 103	CAD Engineering Drawing	3
CADD 111	CAD Applications – MicroStation	3
CADD 141	Auto CAD 3D	3
<i>and</i>		
Engineering Technology		
EGNT 101	Introduction to Engineering Technology	3
<i>or</i>		
Engineering Transfer		
ENSC 101	Introduction to Engineering Design	3

***In order to receive articulated credit for Computer-Aided Design courses, students must complete a portfolio review with CCBC Computer-Aided Design faculty. To schedule a portfolio review, contact: Michael Ehrlinger at 443-840-4371 or mehrlinger@ccbcmd.edu**

In order to receive transcribed (graded) credit for Engineering Technology or Engineering Design, which is required by most four-year institutions, students must present a portfolio of their work for review, including any major team projects. For more information, contact: Taylor Kidd at tkidd@ccbcmd.edu.

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title:
Environmental Technology
 CIP #: 03.0102

CCBC Program Title:
Engineering Technology-Geospatial Applications

Course # Course Title Credits Earned

Course # Course Title Credits Awarded

Western School of Technology and Environmental Science		
61.6410	Environmental Tech 1	1
61.6420	Environmental Tech 2	1
61.6430	Environmental Tech 3	1
61.6440	Environmental Tech 4	1
Senior Project/ GIS Portfolio Required		

Geospatial Applications		
GEOA 101	Intro. to Geographic Information Systems	3

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title: Graphic/ Print Communications Technology CIP #: 10.0350

CCBC Program Title: Art, Design and Interactive Media – Graphic Design

Course #	Course Title	Credits Earned
Kenwood, Overlea, and Western High Schools		
62.5010	Graphic Communication Technology 1	1
61.5020	Graphic Communication Technology 2	1
62.5030	Graphic Communication Technology 3	1
62.5040	Graphic Communication Technology 4	1
Graphic Communication Technology Portfolio Required		

Course #	Course Title	Credits Awarded
Art, Design and Interactive Media		
ARTD 116	Digital Imaging I	3
ARTD 140	Computer Illustration I	3
<i>Portfolio review required.</i>		

To receive articulated credit, students must complete a portfolio review with CCBC Computer Arts, Design, and Interactive Media faculty. Additional credits beyond the above may be received contingent upon portfolio review.

To schedule a portfolio review, contact:

Doug McNamara (Catonsville Campus)
dmcnamara@ccbcmd.edu
 443-840-4423

Sharon Trumbull (Essex Campus)
strumbull@ccbcmd.edu
 443-840-1767

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title:
Homeland Security and Emergency Preparedness/ Geographic Information Systems & Technology
 CIP #: 43.0350

CCBC Program Title:
Criminal Justice Studies/ Engineering Technology- Geospatial Applications

Course #	Course Title	Credits Earned
Dundalk, Perry Hall, and Pikesville High Schools		
66.1100	Foundations of Homeland Security and Emergency Preparedness	1
66.1210	Administration of Justice I	1
66.1220	Administration of Justice II	1
66.1500	Internship/Capstone Experience	1
	<i>or</i>	
66.1500	Internship/Capstone Experience	2

Course #	Course Title	Credits Awarded
Criminal Justice Studies		
CRJU 112	Criminalistics	3
CRJU 160	Introduction to Homeland Security	3

Dundalk and Pikesville High Schools		
66.1100	Foundations of Homeland Security & Emergency Preparedness 66.11	1
66.1310	S.T.A.R.S. Course I (.5) &	1
66.1320	S.T.A.R.S. Course II (.5)	
66.1330	S.T.A.R.S. Course III (.5) &	1
66.1340	S.T.A.R.S. Course IV (.5)	
66.1500	Internship/Senior Project/GIS Portfolio	1
	<i>or</i>	
66.1500	Internship/Senior Project/GIS Portfolio	2
	<i>or</i>	
	College Course	1

Engineering Technology- Geospatial Applications		
GEOA 101	Introduction to Geographic Information Systems	3

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title:
IMP-Communication and Broadcast Technology
CIP #: 50.0706 and 50.0402

CCBC Program Title:
Art, Design and Interactive Media and Digital Media Production

Course # Course Title Credits Earned

Course # Course Title Credits Awarded

Dundalk High School		
62.6100	Broadcast Communication Tech 1	1
62.6110	Broadcast Communication Tech 2	1
62.6120	Broadcast Communication Tech 3	1
62.6140	Broadcast Communication Tech 4	1

Art, Design and Interactive Media		
ARTD 109	Introduction to Interactive Media	3
ARTD 148	Digital Video	3
DIGM 112	Fundamentals of Media Production	3

*Articulated credits will be received upon a successful review of the Communication and Broadcast Technology program portfolio.

Portfolio review required by CCBC faculty from Art, Design and Interactive Media AND Digital Media Production. Additional courses may be rewarded based on portfolio review.

To schedule a portfolio review:

Art, Design and Interactive Media (ARTD) program contact:

Doug McNamara (Catonsville Campus)
dmcnamara@ccbcmd.edu
443-840-4423

Sharon Trumbull (Essex Campus)
strumbull@ccbcmd.edu
443-840-1767

Digital Media Production (DIGM) program contact:

Kendrick Kenney
kenney3@ccbcmd.edu
443-840-1514

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title: Interactive Media Production CIP #: 10.0150
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CCBC Program Title: Art, Design and Interactive Media

Course #	Course Title	Credits Earned
Carver, Catonsville, Chesapeake, Eastern, Franklin, New Town, Parkville, and Pikesville High Schools		
62.6000	Interactive Media Production Design 1	1
62.6010	Interactive Media Production Design 2	1
62.6020	Interactive Media Production Design 3	1
62.6030	Interactive Media Production Design 4	1

Course #	Course Title	Credits Awarded
Art, Design and Interactive Media		
ARTD 109	Introduction to Interactive Media	3

And/ Or

ARTD 116	Digital Imaging I	3
ARTD 140	Computer Illustration I	3
ARTD 148	Digital Video	3
Portfolio review required by CCBC faculty		

To receive articulated credit, students must have a portfolio review by the CCBC Arts, Design, and Interactive Media faculty. Additional credits beyond the above may be received contingent upon portfolio review.

To schedule a portfolio review, contact:

Doug McNamara (Catonsville Campus)
dmcnamara@ccbcmd.edu, 443-840-4423

Sharon Trumbull (Essex Campus)
strumbull@ccbcmd.edu, 443-840-1767

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title: IT Cisco Networking Academy CIP #: 11.0950

CCBC Program Title: Network Technology
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Course#	Course Title	Credits Earned
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Course#	Course Title	Credits Awarded
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All Schools Eligible		
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Network Technology: CCENT* and CCNA		
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35.3730.4	Networking Completer 1	1
35.3740.4	Networking Completer 2	1
35.3750.4	Networking Completer 3	1
35.3760.4	Networking Completer 4	1

DCOM 217*	Cisco I: Introduction to Networks	4
DCOM 218*	Cisco II: Routing and Switching Essentials	4
DCOM 219	Cisco III: Scaling Networks	4
DCOM 220	Cisco IV: Connecting Networks	4

All Schools Eligible		
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Network Technology: CCENT* and CompTIA A+		
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35.3730.4	Networking Completer 1	1
35.3740.4	Networking Completer 2	1
35.3650.0	IT Essentials	1
35.3660	Network Operating Systems	1

DCOM 217*	Cisco I: Introduction to Networks	4
DCOM 218*	Cisco II: Routing and Switching Essentials	4
DCOM 141	Introduction to PC Repair & Operation	4
DCOM 235	Computer Systems Operation, Maintenance & Trouble Shooting	4

All Schools Eligible		
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Network Technology CCENT*		
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35.3730.4	Networking Completer 1	1
35.3740.4	Networking Completer 2	1
35.3650.0	IT Essentials	1

DCOM 217*	Cisco I: Introduction to Networks	4
DCOM 218*	Cisco II: Routing and Switching Essentials	4
DCOM 141	Introduction to PC Repair & Operation	4

And one of the following:

35.3530.4	Linux Essentials	1
35.3780.4	Cyber Security Essentials	1

DCOM 142	Introduction to Linux/UNIX	3
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BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.
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2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title: IT- Programming & IT- Computer Science CIP #: 11.0103 CIP#: 11.0250

CCBC Program Title: Information Technology Networking Technology
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Course #	Course Title	Credits Earned
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Course #	Course Title	Credits Awarded
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All High Schools Eligible

Information Technology Networking Technology

Choose 4 Credits from the Following Courses:

35.3500.4	Foundations in Computer Science	1
	<i>and</i>	
35.3510.6	AP Computer Science Principles	1

CSIT 111	Logic and OO Design	3
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35.3520.6	AP Computer Science A	1
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CSIT 210	Introduction to Programming	4
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35.2560.4	Visual Basic	1
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CSIT 212	Visual Basic Programming	4
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35.3450.5	C++ Programming	1
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CSIT 214	C++ Programming	4
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35.3530.4	Linux Essentials	1
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DCOM 142	Introduction to Linux/UNIX	3
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35.3780.4	Cyber Security Essentials	1
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	*Computer Science College Course	1
	<i>Or</i>	
	Internship	1

*If the student takes a college course at another institution, they will need to submit the final college transcript for credit evaluation.

In addition, students who pass the MOS Word Exam will earn credit for CSIT130; Students who pass the MOS Excel Exam will earn credit for CSIT 132; and students who pass the MOS Access Exam will earn credit for CSIT134

MOS Examinations		
CSIT 130	Comprehensive Word Proc.	3
CSIT 132	Comprehensive Spreadsheets	3
CSIT 134	Comprehensive Databases	3

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.
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2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title:
Project Lead The Way- Biomedical Sciences
 CIP #: 51.1150

CCBC Program Title:
Biology

Course # Course Title Credits Earned

Course # Course Title Credits Awarded

Franklin, Lansdowne, New Town, Milford Mill, Perry Hall, Sollers Point and Woodlawn High Schools		
Course #	Course Title	Credits Earned
63.5200	PLTW Biomed Principles	1
63.5210	PLTW Biomed Human Body Sys	1
63.5220	PLTW Biomed Medical Intervention	1
63.5230	PLTW Biomed Innovation	1

Biology		
Course #	Course Title	Credits Awarded
BIOL 100	Exploring Biology	3

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title: Project Lead the Way- Engineering CIP #: 15.5000

CCBC Program Title: Engineering Technology/Engineering Transfer Degree (A.A.S. / A.S.)
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Course #	Course Title	Credits Earned
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Course #	Course Title	Credits Awarded
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Catonsville, Chesapeake, Dulaney, Dundalk, Owings Mills, Parkville, Pikesville, and Woodlawn High Schools		
56.0200	Introduction to Engineering Design- PLTW	1
56.0210	Principles of Engineering- PLTW	1
56.0220	Digital Electronics- PLTW	1
56.0250	Engineering Design and Development - PLTW	1

Engineering Technology		
EGNT 101	Introduction to Engineering Technology	3

Or

Engineering Transfer		
ENSC 101	Introduction to Engineering Design	3

And choose 1 credit course from the following:

56.0240	Aerospace Engineering- PLTW	1
56.0230	Civil Engineering and Architecture- PLTW	1
56.0260	Computer Integrated Manufacturing – PLTW	1
56.0270	Environmental Sustainability - PLTW	1

<p><i>For more information, contact:</i> <i>Taylor Kidd</i> <i>tkidd@ccbcmd.edu</i></p>
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<p>BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.</p>

2018-2019 ARTICULATION AGREEMENT

between

Baltimore County Public Schools and Community College of Baltimore County

BCPS Program Title:
School Age Child Development and Care
 CIP #: 20.0201

CCBC Program Title:
Early Childhood Development (AAS, not designed to transfer to 4 year college) – or
Early Childhood Education (AA or AAT, designed to transfer to a 4 year college)

Course #	Course Title	Credits Earned
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Course #	Course Title	Credits Awarded
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Hereford and Parkville High Schools		
66.0200	Child Development/ ERP I	1
66.0700	School Age Child Development and Care	1
66.0800	Independent Living <i>or</i>	.5
66.0230	Decisions in Family Living <i>or</i>	1
66.0300	Nutrition and Foods I	1
66.0750	School Age Child Development and Care Internship/ Mentored Project <i>or</i>	1
66.0770	School Age Child Development and Care Internship/ Mentored Project	2
*Portfolio Required for all School Age Child Development and Care Program courses.		

Early Childhood Development		
EDTR 120	Child Growth and Development	3
EDTR 123	The School Age Child	3

Or

Early Childhood Education		
EDTR 120 (only)	Child Growth and Development	3

Students should contact the campus coordinator at the campus where they attend classes to schedule a final School Age Child Development and Care Program Portfolio review appointment.

Linda Gronberg-Quinn
 (Dundalk and Essex Campus)
lgronberg@ccbcmd.edu
 443-840-3139, 443-840-4153

Paul Taylor
 (Catonsville Campus)
ptaylor3@ccbcmd.edu
 443-840-4236

*Articulated credits will be received upon a successful review of the School Age Child Development and Care Program Portfolio.

BCPS students must successfully complete a minimum of four high school credits with a cumulative technical grade point average of B or better in the CTE career completer program of study to receive articulated credit.

