

# articulation



# agreement

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

College Credit for Prior Learning at the High School

**Graduating Class of 2016**



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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 2015-2016 school year and includes some provisions unique to the graduating class of 2016.

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 2015-2016 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 [bcps.org/offices/cte](http://bcps.org/offices/cte) or [www.ccbcmd.edu/cte](http://www.ccbcmd.edu/cte).

### **Articulation Partnership Coordinators:**

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Director of High School Collaboration  
CCBC Essex, 7201 Rossville Blvd., Baltimore MD 21237  
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[echerry@ccbcmd.edu](mailto:echerry@ccbcmd.edu)

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Office of Career and Technology Education  
BCPS, 105 W. Chesapeake Avenue, Towson, MD 21204  
410-887-8921  
[dhandy@bcps.org](mailto:dhandy@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 The 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 The 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.
- Parallel Enrollment Program (PEP): 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 6/15

# 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 zoned high school may have the same program that is at a magnet school?

## CTE Programs of Study<sup>♦</sup> and Electives – 2015-2016 School Year

MAGNET/ TECHNICAL SCHOOLS

Cluster/Program or Elective Courses	MAGNET/ TECHNICAL SCHOOLS					Comprehensive High Schools
	Carver	Eastern	Milford Mill	Sollers Point	Western	
<b>Arts, Media &amp; Communication Cluster Completer Programs</b>						School to Career Supervisor
Graphic/Print Communications Technology					X	Kenwood, Overlea
Interactive Media Production	X	X				Catonsville, Chesapeake*, Franklin, Parkville, Pikesville
Communication and Broadcast Technology						Dundalk
<b>Health &amp; Biosciences Cluster Completer Programs</b>						Technical Programs Supervisor
Academy of Health Professions		X	X	X	X	
Project Lead The Way: Biomedical Sciences				X		Franklin, Lansdowne*, New Town, Overlea, Woodlawn
<b>Business, Management, &amp; Finance Cluster Completer Programs</b>						Business Education Supervisor
Business, Management, and Finance		X	X		X	All High Schools; please check with school
Academy of Finance						Lansdowne*, Overlea*, Randallstown
<b>Human Resource Services Cluster Completer Programs</b>						Family and Consumer Sciences Supervisor
Child Care Services			X			Catonsville, Dulaney, Kenwood, Lansdowne*, New Town, Overlea, Patapsco, Woodlawn
Criminal Justice Technology		X				Chesapeake*, Patapsco
School Age Child Development & Care Services						Hereford, Parkville
Homeland Security and Emergency Preparedness						Dundalk
Human Services Associate						Kenwood, Overlea
Teacher Academy of Maryland		X				Dundalk

<sup>♦</sup> 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	Carver	Eastern	Milford Mill	Sollers Point	Western	Comprehensive High Schools
<b>Consumer Services, Hospitality &amp; Tourism Cluster Completer Programs</b>						<b>Family and Consumer Sciences Supervisor Technical Programs Supervisor</b>
Cosmetology Careers	X		X	X	X	
Culinary Arts & Restaurant Management	X	X		X	X	
Nutrition & Food Science Associate						Kenwood, Lansdowne*, New Town, Parkville, Woodlawn
Retail Merchandising & Visual Presentation						Overlea, Woodlawn
<b>Information Technology Cluster Completer Programs</b>						<b>Business Education Supervisor</b>
Information Technology: Programming	X			X	X	Catonsville, Hereford, Woodlawn
Information Technology: Networking		X	X	X	X	Parkville, Dulaney, New Town, Woodlawn
<b>Construction &amp; Development Cluster Completer Programs</b>						<b>Technical Programs Supervisor</b>
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 Management		X	X	X		New Town
<b>Environmental, Agricultural &amp; Natural Resource Systems Cluster Completer Programs</b>						<b>Technical Programs Supervisor</b>
Agriculture Science: Animal, Plant, and Mechanical						Hereford
Environmental Technology					X	
<b>Manufacturing Engineering &amp; Technology Cluster Completer Programs</b>						<b>Technology Education Supervisor</b>
Computer Aided Technical Drafting (CAD)			X			
Engineering Careers		X				
Engineering Technician				X		
Project Lead The Way: Engineering						Catonsville, Chesapeake*, Dulaney, Dundalk, Owings Mills, Parkville, Pikesville, Woodlawn*
<b>Transportation Technology Cluster Completer Programs</b>						<b>Technical Programs Supervisor</b>
Automotive Service Technology		X	X	X	X	
Diesel Truck and Power Systems Technology				X		
<b>School To Career Transition Completer Program</b>						<b>School to Career Supervisor</b>
Career Research and Development						All Comprehensive High Schools
<b>School To Career Transition Elective Courses</b>						<b>School to Career Supervisor</b>
Internship						All Comprehensive High Schools
<b>Junior Reserve Officers' Training Corps-JROTC Leadership Program Elective Courses</b>						<b>JROTC Facilitator</b>
Army JROTC						Lansdowne*, Patapsco
Air Force JROTC						Kenwood
Navy JROTC						Dundalk, Randallstown, Woodlawn
Marine Corps JROTC			X			Chesapeake*, Franklin, Overlea, Parkville
<b>Family and Consumer Sciences Elective Courses</b>						<b>Family and Consumer Sciences Supervisor</b>
High School Family & Consumer Sciences						Elective course offerings vary by school
<b>Technology Education Required and Elective Courses</b>						<b>Technology Education Supervisor</b>
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 410-887-8921, [www.bcps.org/offices/cte](http://www.bcps.org/offices/cte).

NOTICE OF NONDISCRIMINATION

Baltimore County Public Schools does not discriminate on the basis of gender, race, disability, color, or national origin and do comply with Title VI, Title VII, Title IX, and Section 504 of the civil rights regulations in all educational programs. All courses are open to both male and female students. For further information, contact the Office of Equity and Assurance, Baltimore County Public Schools, 6901 Charles Street, Towson, Maryland 21204 (410) 887-2444.

## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>Academy of Finance</b> CIP #:52.0850
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CCBC Program Title: <b>Business Management</b>
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Course #	Course Title	Credits Earned
<b>Lansdowne, Overlea, and Randallstown High Schools</b>		
<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

Course #	Course Title	Credits Awarded
<b>Business Management</b>		
ACCT101	Principles of Accounting	3
MNGT101	Introduction to Business and Industry	3

<i>Additional Optional Courses</i> Effective 7/2015		
352510	Software/Computer Apps. I (CIP I)	.5
352520	Software/Computer Apps. II (CIP II)	.5
350100	Keyboarding	.5
350200	Keyboarding Applications	1

<i>Optional Courses</i>		
OFAD 102	Basic Keyboarding Applications	2
*ODAD104	Keyboarding II Applications	3
OFAD228	Introduction to Microsoft Word	3
OFAD246	Spreadsheet Applications	3

\*Students must be assessed by the CCBC OFAD Program Coordinator to receive credit for OFAD 104

**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.**

In addition, students who pass MOS Word Exam will earn credit for CSIT 130; 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 CSIT 134

<b>MOS Examinations</b>		
CSIT 130	Comprehensive Word Processing	3
CSIT132	Comprehensive Spreadsheets	3

## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>Academy of Health Professions</b> CIP #: 51.0050
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CCBC Program Title: <b>School of Health Professions</b>
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Course #	Course Title	Credits Earned
<b>Eastern Technical High School</b>		
63.4200	AHP Acad. of Health Pro. 1	1
63.4210	AHP Acad. of Health Pro. 2	1
63.4220	AHP Allied Health 3	1
63.4230	AHP Allied Health 4	1
<b>Milford Mill Academy</b>		
63.4200	AHP Acad. of Health Pro. 1	1
63.4210	AHP Acad. of Health Pro. 2	1
63.4320	AHP AldHlthSciAcad CNA 3	1
	<i>or</i>	
63.5120	AHP Health Sci Prof 3	1
63.4330	AHP AldHlthSciAcad CNA 4	1
	<i>or</i>	
63.5130	AHP Health Sci Prof 4	1
<b>Sollers Point Technical High School</b>		
63.4200	AHP Acad. of Health Pro. 1	1
63.4210	AHP Acad. of Health Pro. 2	1
63.4320	AHP AldHlthSciAcad CNA 3	1
63.4330	AHP AldHlthSciAcad CNA 4	1
	<i>or</i>	
63.5140	AHP ACDHLTH Pharm Tech	1
<b>Western Technical High School</b>		
63.4200	AHP Acad. of Health Pro. 1	1
63.4210	AHP Acad. of Health Pro. 2	1
63.5120	AHP Health Sci Prof. 3	1
63.5130	AHP Health Sci Prof. 4	1

Course #	Course Title	Credits Awarded
<b>School of Health Professions</b>		
HLTH140	First Aid, Safety, and CPR	3

<b>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 completor program of study to receive articulated credit.</b>
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## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>Advanced Technology Education</b>
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CCBC Program Title: <b>Engineering Technology</b>
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Course #	Course Title	Credits Earned
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Course #	Course Title	Credits Awarded
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<b>All High Schools Eligible</b>		
<i>Choose 1 Credit from the Following Courses:</i>		
55.1250.0	Foundations of Technology	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
<i>and</i>		
55.1600.0	Advanced Design Applications	1
55.8500.4 (H)	Engineering Design and Research	1
55.8500.5 (GT)		1

<b>Engineering Technology</b>		
EGNT101	Introduction to Engineering Technology	3

***In order to receive articulated credit, students must achieve a passing score on the Engineering by Design ADA and Engineering Design assessments.***

***For more information contact:  
Eun Oh  
eoh@ccbcmd.edu  
443-840-4096***

**BCPS students must successfully complete a minimum of three high school credits with a cumulative technical grade point average of B or better in the Advanced Tech Ed program of study to receive articulated credit.**

**2015-2016 ARTICULATION AGREEMENT**

*between*

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

BCPS Program Title:  
**Animal and Environmental Sciences,  
 Plant and Environmental Sciences**  
 CIP #: 03.0101, 01.0601, 01.0050

CCBC Program Title:  
**Veterinary Technology**

Course #	Course Title	Credits Earned
<b>Hereford High School</b>		
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
<b>Veterinary Technology</b>		
VETT106	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.**

**2015-2016 ARTICULATION AGREEMENT**

*between*

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

BCPS Program Title:  
**Air Force Junior ROTC**

CCBC Program Title:  
**Aviation Management**

Course #	Course Title	Credits Earned
<b>Kenwood High School</b>		
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
<b>CCBC</b>		
AVMT101	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.**

## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title:  
**Automotive Service Technology**  
CIP #: 47.0645

CCBC Program Title:  
**Automotive Technology  
(Comprehensive Program)**

Course #	Course Title	Credits Earned
<b>All High Schools Eligible NATEF Model – All Standards prior to 2013</b>		
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

Course #	Course Title	Credits Awarded
<b>Automotive Technology</b>		
AUTO 131	Servicing Automotive Electrical and Electronic Systems	4

\*Students who articulate will also be exempted from Summer Non-Credit Prerequisite course.

Course #	Course Title	Credits Earned
<b>All High Schools Eligible New NATEF Model – 2013 Standards</b>		
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**

To be considered for articulated credits, students must have a portfolio review by the CCBC Automotive faculty.  
Contact: Harold Babb at 443-840-4680 to arrange a review.

*A student must earn a B or better in each course listed and pass the NATEF end of course assessment in each of the four areas of brakes, suspension and steering, electrical and electronics, and engine performance to earn the articulated credit for each corresponding course.*

**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.**

## 2015-2016 ARTICULATION AGREEMENT

*between*

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

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

CCBC Program Title:  
**Accounting**

Course #	Course Title	Credits Earned
<b>All High Schools Eligible</b>		
35.4650	Financial Mgt. Using Software Applications	1
35.0310	Principles of Business Administration and Management	1
<i>and either</i>		
35.2010	Accounting I	1
<i>and</i>		
35.2020	Accounting II	1
<i>or</i>		
35.2000	Principles of Accounting <i>and</i>	1
35.XXX	Business Elective *Students taking ISM I as the business elective will earn additional credits.	1

Course #	Course Title	Credits Awarded
<b>Accounting</b>		
ACCT101	Principles of Accounting	3
MNGT101	Introduction to Business and Industry	3

Course #	Course Title	Credits Earned
<b>All High Schools Eligible</b> Effective 7/2013		
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	

Course #	Course Title	Credits Awarded
<b>Accounting</b>		
MNGT101	Introduction to Business and Industry	3
ACCT101	Principles of Accounting	3

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

<b>MOS Examinations</b>		
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 completor program of study to receive articulated credit.**



## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>Business Management and Finance Cluster, Marketing Pathway</b> CIP #: 52.1451
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CCBC Program Title: <b>Business Management- Marketing</b>
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Course #	Course Title	Credits Earned
<b>All High Schools Eligible</b>		
35.0410	Principles of Business Administration and Management	1
35.4650	Financial Mgt. Using Software Applications	1
35.2000	<i>or</i> *Principles of Accounting	1
35.2010	<i>or</i> *Accounting I	1
35.4100	Marketing Essentials	1
35.4110	Marketing Management	1

Course #	Course Title	Credits Awarded
<b>Business Management- Marketing</b>		
MNGT101	Introduction to Business and Industry	3
*ACCT101	Principles of Accounting	3
MNGT150	Principles of Marketing	3

**\*Students taking Principles of Accounting or Accounting I will receive articulated credits for ACCT 101.**

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.

<b>MOS Examinations</b>		
CSIT130	Comprehensive Word Processing	3
CSIT132	Comprehensive Spreadsheets	3
CSIT134	Comprehensive Databases	3

<p><b>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.</b></p>
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**2015-2016 ARTICULATION AGREEMENT**

*between*

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

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

CCBC Program Title:  
**Office Administration**

Course #	Course Title	Credits Earned
<b>All Schools Eligible</b>		
35.0310	Principles of Business Administration and Management	1
35.4650	Financial Mgt. Using Software Applications	1
	<i>or</i>	
35.2000	*Principles of Accounting	1
	<i>or</i>	
35.2010	*Accounting I	1
35.2690	Information Systems Management I	1
35.2670	Information Systems Management II	1

Course #	Course Title	Credits Awarded
<b>Office Administration</b>		
MNGT101	Introduction to Business and Industry	3
*ACCT 101	Principles of Accounting	3
OFAD107	Introduction to PowerPoint	3
OFAD114	IT Essentials	3
OFAD228	Introduction to MS Word	3
OFAD243	Database Management	3
OFAD246	Spreadsheet Applications	3

**\*Students taking Principles of Accounting of Accounting I will receive articulated credits for ACCT 101.**

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

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 CSIT132; and students who pass the MOS Access Exam will earn credit for CSIT134.

<b>MOS Examinations</b>		
CSIT130	Comprehensive Word Processing	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 completor program of study to receive articulated credit.**

## 2015-2016 ARTICULATION AGREEMENT

*between*

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

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

**CCBC Program Title:**  
**Business Management**

Course #	Course Title	Credits Earned
<b>All High Schools Eligible</b>		
35.0310	Principles of Business Administration and Management	1
35.2000	Principles of Accounting <i>or</i>	1
35.2010	Accounting I	1
35.4310.4	Entrepreneurship	1
35.4650	Financial Mgt. Using Software	1

Course #	Course Title	Credits Awarded
<b>Business Management</b>		
MNGT101	Introduction to Business and Industry	3
ACCT101	Principles of Accounting	3

Course #	Course Title	Credits Earned
<b>All High Schools Eligible</b> Effective 7/2013		
35.0310	Principles of Business Administrations and Mgt.	1
35.2000	Principles of Accounting <i>or</i>	1
35.2010	Accounting I	1
35.0510	Advanced Business Mgt.	1
35.1400	Business Capstone <i>or</i> College Course <i>or</i> Internship	1

Course #	Course Title	Credits Awarded
<b>Business Management</b>		
MNGT101	Introduction to Business and Industry	3
ACCT101	Principles of Accounting	3

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

<b>MOS Examinations</b>		
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.**

## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title:  
**Child Care Services**  
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
<b>Catonsville, Dulaney, Kenwood, Lansdowne, Milford Mill, New Town, Overlea, Patapsco, and Woodlawn High Schools</b>		
66.0200	Child Development/ ERPI	1
66.0210	Child Development II	1
<i>And two credits of the following:</i>		
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

Course #	Course Title	Credits Awarded
<b>Early Childhood Development</b>		
EDTR120	Growth and Development in Early Childhood	3
EDTR121	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 Campus)  
[lgronberg@ccbcmd.edu](mailto:lgronberg@ccbcmd.edu)  
443-840-3139, 443-840-4153

Danielle Holland (Essex Campus)  
[dholland@ccbcmd.edu](mailto:dholland@ccbcmd.edu)  
443-840-1573

Theresa Robinson (Catonsville Campus)  
[trobinson@ccbcmd.edu](mailto:trobinson@ccbcmd.edu)  
443-840-4441

\*Articulated Credits will be received upon a successful review of the Child Care Services 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 completor program of study to receive articulated credit.**

## 2015-2016 ARTICULATION AGREEMENT

*between*

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

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

CCBC Program Title:  
**Art, Design and Interactive Media**

Course #	Course Title	Credits Earned
<b>Dundalk High School</b>		
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
Broadcast Communication Technology Portfolio Required		

Course #	Course Title	Credits Awarded
<b>Art, Design and Interactive Media</b>		
ARTD 109	Introduction to Interactive Media	3
ARTD 148	Digital Video	3

*Portfolio review required by CCBC faculty.  
Additional courses may be rewarded based on  
portfolio review.*

To schedule a portfolio review, contact:

Doug McNamara (Catonsville Campus)  
[dmcnamara@ccbcmd.edu](mailto:dmcnamara@ccbcmd.edu)  
443-840-4423

Sharon Trumbull (Essex Campus)  
[strumbull@ccbcmd.edu](mailto:strumbull@ccbcmd.edu)  
443-840-1767

Debby Ciccarelli (Catonsville Campus)  
[dciccarelli@ccbcmd.edu](mailto:dciccarelli@ccbcmd.edu)  
443-840-4181

Jessica Walton (Essex Campus)  
[jwalton2@ccbcmd.edu](mailto:jwalton2@ccbcmd.edu)  
443-840-1567

**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.**

**2015-2016 ARTICULATION AGREEMENT**

*between*

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

BCPS Program Title:  
**Computer Aided Technical Drafting**  
 CIP #: 48.0101

CCBC Program Title:  
**Computer Aided Design for Architecture and Engineering**

Course #	Course Title	Credits Earned
<b>Milford Mill High School</b>		
56.0510	Computer Aided Draft 1	1
56.0520	Computer Aided Draft 2	1
56.0530	Computer Aided Draft 3	1
56.0540	Computer Aided Draft 4	1

Course #	Course Title	Credits Awarded
<b>Computer Aided Design for Architecture and Engineering</b>		
CADD103	CAD Engineering Drawing	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.**

## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>Construction Maintenance-                  HVAC Careers</b> CIP #: 47.5200
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CCBC Program Title: <b>Construction Management Degree                  Construction Management Certificate                  HVACR</b>
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Course #	Course Title	Credits Earned
<b>Dulaney High School</b>		
62.4200	HVAC Careers 1	1
62.4210	HVAC Careers 2	1
62.4220	HVAC Careers 3	1
62.4230	HVAC Careers 4	1

Course #	Course Title	Credits Awarded
<b>Construction Management Degree and Certificate</b>		
CONT101	Construction Blueprint Reading	3
CONT116	Practices of Residential Construction	3

*And*

<b>HVACR</b>		
AIRC110	HVACR Safety, Tools and Methods	3
AIRC115	Fundamentals of Refrigeration	3
AIRC205	Heating Systems	3
AIRC210	Comfort Cooling Systems	3
ELEI101	Basic HVAC Electricity	4

<p><b>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.</b></p>
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## 2014-2015 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>Construction Trades</b> CIP #: Carpentry- 46.5200; Construction Mgt.- 52.2001; Electrical- 46.5300; Plumbing- 46.5500
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CCBC Program Title: <b>Construction Management Degree</b> <b>Construction Management Certificate</b>  *HVACR (for Plumbing at Kenwood/Western)
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Course #	Course Title	Credits Earned
<b>Carpentry: Carver, Kenwood, Lansdowne, Perry Hall, Owings Mills, and Sollers Point High Schools</b>		
61.9100	Carpentry Careers 1	1
61.9110	Carpentry Careers 2	1
61.9120	Carpentry Careers 3	1
61.9130	Carpentry Careers 4	1

<b>Construction Management: Eastern Tech, Milford Mill, New Town, and Sollers Point High Schools</b>		
62.8000	Construction Management 1	1
62.8010	Construction Management 2	1
62.8020	Construction Management 3	1
62.8030	Construction Management 4	1

<b>Electrical: Lansdowne, Franklin, and Sollers Point High Schools</b>		
62.4000	Electrical Careers 1	1
62.4010	Electrical Careers 2	1
62.4020	Electrical Careers 3	1
62.4030	Electrical Careers 4	1

<b>Mechanical Construction/Plumbing: Kenwood and Western High Schools</b>		
62.4110	Plumbing Careers 1	1
62.4120	Plumbing Careers 2	1
62.4130	Plumbing Careers 3	1
62.4140	Plumbing Careers 4	1

Course #	Course Title	Credits Awarded
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<b>Construction Management Degree and Construction Management Certificate</b>		
CONT101	Constr. Blueprint Reading	3
CONT116	Practices of Res. Constr.	3

*for Plumbing only: HVACR		
AIRC110	HVACR Safety, Tools and Methods	3

<b>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.</b>
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## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title:  
**Criminal Justice Technology**  
CIP #: 43.0199

CCBC Program Title:  
**Criminal Justice and/ or  
Legal Studies**

Course #	Course Title	Credits Earned
<b>Chesapeake, Eastern, and Patapsco High Schools</b>		
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
<b>Criminal Justice</b>		
CRJU101	Introduction to Criminal Justice	3
CRJU112	Criminalistics	3

*And/ or*

Course #	Course Title	Credits Earned
<b>Chesapeake, Eastern, and Patapsco High Schools</b>		
66.0540	Intro to Crim. Justice <i>-or-</i>	.5
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
<b>Legal Studies</b>		
LGST 101	Introduction to Law	3
LGST 192	Special Projects- Elective	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.**

## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>Engineering Careers</b> CIP #: 14.0101
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CCBC Program Title: <b>Computer Aided Design for Architecture and Engineering/ Engineering Transfer</b>
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Course #	Course Title	Credits Earned
<b>Eastern Technical High School</b>		
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
<b>Computer Aided Design for Architecture and Engineering</b>		
CADD103	CAD Engineering Drawing	3
CADD111	Computer Aided Design Applications	3

*And/ or*

<b>Engineering Transfer</b>		
ENSC101	Intro. to Engineering Design	3

**In order to receive transcribed (graded) credit which is required by most four-year institutions, the student must present a portfolio of their work for review, including any major team projects. Contact Eun Oh at [eoh@ccbcmd.edu](mailto:eoh@ccbcmd.edu) or 443-840-4096 for details.**

<p><b>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.</b></p>
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## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>Engineering Technician</b> CIP #: 14.1701.4
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CCBC Program Title: <b>Engineering Technology</b>
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Course #	Course Title	Credits Earned	Course #	Course Title	Credits Awarded
<b>Sollers Point Technical High School</b>			<b>Engineering Technology</b>		
56.0410.4	Engineering Technician 1	1	EGNT101	Introduction to Engineering Technology	3
56.0420.4	Engineering Technician 2	1			
56.0430.4	Engineering Technician 3	1			
56.0440.4	Engineering Technician 4	1			

***In order to receive articulated credit, students must achieve a grade of B or higher in each course and a 70% or higher on the final exam.***

**Contact:**  
**Eun Oh**  
 eoh@ccbcmd.edu  
 443-840-4096

**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.**

**2015-2016 ARTICULATION AGREEMENT**

*between*

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

BCPS Program Title:  
**Environmental Technology**  
CIP #: 03.0102

CCBC Program Title:  
**Geospatial Applications**

Course #	Course Title	Credits Earned
<b>Western School of Technology and Environmental Science</b>		
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		

Course #	Course Title	Credits Awarded
<b>Geospatial Applications</b>		
GEOA101	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.**

## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>Graphic/ Print Communications                  Technology</b> CIP #: 10.0350
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CCBC Program Title: <b>Art, Design and Interactive Media – Graphic                  Design</b>
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Course #	Course Title	Credits Earned
<b>Kenwood, Overlea, and Western High Schools</b>		
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
<b>Art, Design and Interactive Media</b>		
ARTD116	Digital Imaging I	3
ARTD 140	Computer Illustration I	3
<i>Portfolio review required.</i>		

To receive articulated credit, students must have a portfolio review by the 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](mailto:dmcnamara@ccbcmd.edu)  
 443-840-4423

Sharon Trumbull (Essex Campus)  
[strumbull@ccbcmd.edu](mailto:strumbull@ccbcmd.edu)  
 443-840-1767

Debby Ciccarelli (Catonsville Campus)  
[dciccarelli@ccbcmd.edu](mailto:dciccarelli@ccbcmd.edu)  
 443-840-4181

Jessica Walton (Essex Campus)  
[jwalton2@ccbcmd.edu](mailto:jwalton2@ccbcmd.edu)  
 443-840-1567

**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 completor program of study to receive articulated credit.**

**2015-2016 ARTICULATION AGREEMENT**

*between*

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

BCPS Program Title:  
**Homeland Security and Emergency Preparedness**  
 CIP #: 43.0350

CCBC Program Title:  
**Criminal Justice**

Course #	Course Title	Credits Earned
<b>Dundalk High School</b>		
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

Course #	Course Title	Credits Awarded
<b>Criminal Justice</b>		
CRJU112	Criminalistics	3
CRJU160	Introduction to Homeland Security	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.**

**2015-2016 ARTICULATION AGREEMENT**

*between*

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

BCPS Program Title:  
**Human Services Associate**  
CIP #: 44.0000

CCBC Program Title:  
**Human Services/ Mental Health**

Course #	Course Title	Credits Earned
<b>Dundalk, Kenwood, Milford Mill, and Overlea, High Schools</b>		
66.0600	Introduction to Human Services	1
66.0800	Independent Living	.5
66.0230	Decisions in Family Living	1
15.1300	Psychology <i>or</i>	.5
15.1350	AP Psychology	1
66.0650	Human Services Internship/ Mentored Project <i>or</i>	2
66.0670	Human Services Internship/ Mentored Project	1

Course #	Course Title	Credits Awarded
<b>Human Services</b>		
HUMS101	Introduction to Human Services	3
<i>and/ or</i>		
<b>Mental Health</b>		
MNTH101	Introduction to Mental Health	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.**

## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>Interactive Media Production</b> CIP #: 10.0150
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CCBC Program Title: <b>Art, Design and Interactive Media</b>
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Course #	Course Title	Credits Earned
<b>Carver, Catonsville, Chesapeake, Eastern, Franklin, Parkville, and Pikesville High Schools</b>		
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
<b>Art, Design and Interactive Media</b>		
ARTD109	Introduction to Interactive Media	3
<b>Portfolio review required by CCBC faculty</b>		

*and/ or*

<b>Computer Graphics/ Visual Communication</b>		
ARTD 116	Digital Imaging I	3
ARTD 140	Computer Illustration I	3
ARTD 148	Digital Video Design and Production I	3
<b>Portfolio review required by CCBC faculty</b>		

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](mailto:dmcnamara@ccbcmd.edu), 443-840-4423

**Debby Ciccarelli (Catonsville Campus)**  
[dciccarelli@ccbcmd.edu](mailto:dciccarelli@ccbcmd.edu), 443-840-4181

**Sharon Trumbull (Essex Campus)**  
[strumbull@ccbcmd.edu](mailto:strumbull@ccbcmd.edu), 443-840-1767

**Jessica Walton (Essex Campus)**  
[jwalton2@ccbcmd.edu](mailto:jwalton2@ccbcmd.edu), 443-840-1567

<b>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.</b>
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## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>IT Cisco Networking Academy</b> CIP #: 11.0950
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CCBC Program Title: <b>Network Technology</b>
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Course#	Course Title	Credits Earned
<b>All Schools Eligible</b>		
35.3730	Networking Completer 1	1
35.3740	Networking Completer 2	1
35.3750	Networking Completer 3	1
35.3760	Networking Completer 4	1

Course#	Course Title	Credits Awarded
<b>CCBC</b>		
DCOM217	Cisco I Network Fundamentals	4
DCOM218	Cisco II Routing Protocols & Concepts	4
DCOM219	Cisco III	4
DCOM220	Cisco IV	4

Course#	Course Title	Credits Earned
<b>All Schools Eligible</b>		
35.3650	Computer Repair	1
35.3660	Network Operating Systems	1
35.3730	Networking Completer 1	1
35.3740	Networking Completer 2	1

Course#	Course Title	Credits Awarded
<b>CCBC</b>		
DCOM141	Intro. To PC Maintenance/Repair	4
DCOM217	Cisco I Network Fundamentals	4
DCOM218	Cisco II Routing Protocols and Concepts	4
DCOM235	Computer Sys. Operation, Maint. & Trouble Shooting	4

<b>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.</b>
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**Credit for Cisco Certifications Earned:**

Certification Name	Course #	Course Title	Credits Awarded
CCNA- Routing & Switching	DCOM217	Cisco I Network Fundamentals	4
	DCOM218	Cisco II Routing Protocols & Concepts	4
	DCOM219	Cisco III	4
	DCOM220	Cisco IV	4
CCENT	DCOM217	Cisco I Network Fundamentals	4
	DCOM218	Cisco II Routing Protocols & Concepts	4
CompTIA A+	DCOM141	Intro. To PC Maintenance/Repair	4
	DCOM235	Computer Systems Operation, Maintenance & Trouble Shooting	4

## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>IT Cisco Networking Academy                  Cyber Security Pathway</b> CIP #: 11.0950
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CCBC Program Title: <b>Network Technology</b>
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Course#	Course Title	Credits Earned
35.3730	Networking Completer 1	1
35.3740	Networking Completer 2	1
35.3780	Cyber Security	1
35.3790	Network Defense	1

Course#	Course Title	Credits Awarded
DCOM141	Introduction to PC Maintenance/Repair	4
DCOM217	Cisco I Network Fundamentals	4
DCOM218	Cisco II Routing Protocols and Concepts	4
DCOM215	Ethical Hacking and Systems Defense	4
DCOM220	Cisco IV	4

**OR**

Certification Name	Course #	Course Title	Credits Awarded
CompTia Security+	DCOM258	Intro to Information Security	4

<b>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.</b>
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## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>IT- Programming &amp; IT- Computer Science</b> CIP #: 11.0103                      CIP#: 11.0250
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CCBC Program Title: <b>Information Technology</b>
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Course #	Course Title	Credits Earned
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Course #	Course Title	Credits Awarded
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<b>All High Schools Eligible</b>
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<b>Information Technology</b>
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*Choose 4 Credits from the Following Courses:*

35.3560	HTML/JavaScript/Web Design	1
	or	
35.3500.4	Foundations in Computer Science	1
	or	
35.3570	AP Computer Science Principles	1

CSIT 111	Logic and OO Design	3
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35.3520	AP Computer Science A	1
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CSIT 210	Introduction to Programming	4
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35.2560	Visual Basic	1
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CSIT 212	Visual Basic Programming	4
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35.3450	C++ Programming	1
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CSIT 214	C++ Programming	4
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	*Computer Science College Course	1
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*If the student takes a college course at another institution, they will need to submit the final college transcript for credit evaluation.
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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

<b>MOS Examinations</b>		
CSIT 130	Comprehensive Word Proc.	3
CSIT 132	Comprehensive Spreadsheets	3
CSIT 134	Comprehensive Databases	3

<b>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 completor program of study to receive articulated credit.</b>
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## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>Project Lead The Way- Biomedical Sciences</b> CIP #: 51.1150
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CCBC Program Title: <b>Biology</b>
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Course #	Course Title	Credits Earned
<b>Franklin, Lansdowne, New Town, Overlea, Sollers Point, and Woodlawn High Schools</b>		
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

Course #	Course Title	Credits Awarded
<b>Biology</b>		
BIOL100	Exploring Biology	3

<p><b>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.</b></p>
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## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title: <b>Project Lead the Way- Engineering</b> CIP #: 15.5000
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CCBC Program Title: <b>Engineering Technology and Engineering Transfer</b>
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Course #	Course Title	Credits Earned	Course #	Course Title	Credits Awarded
<b>Chesapeake, Dulaney, Dundalk, Owings Mills, Parkville, Pikesville, and Woodlawn High Schools</b>			<b>Engineering Technology and Engineering Transfer</b>		
56.0200	Introduction to Engineering Design- PLTW	1	ENSC101	Introduction to Engineering Design	3
56.0210	Principles of Engineering- PLTW	1			
56.0220	Digital Electronics- PLTW	1			
56.0250	Engineering Design and Development - PLTW	1			
<i>and</i>					
56.0240	Aerospace Engineering- PLTW	1			
	<i>or</i>				
56.0230	Civil Engineering and Architecture- PLTW	1			
	<i>or</i>				
56.0260	Computer Integrated Manufacturing – PLTW	1			
	<i>or</i>				
56.0270	Environmental Sustainability - PLTW	1			

*In order to receive articulated credit, students in a PLTW-certified course must achieve a grade of 85% or higher in each course and a 70% or higher on the PLTW end-of-course exam. The student must present their Capstone Project for review.*

*Students also have the option of receiving transcribed (graded) credit; contact Eun Oh at [eoh@ccbcmd.edu](mailto:eoh@ccbcmd.edu) for details.*

*To arrange a review, contact:  
**Eun Oh**  
[eoh@ccbcmd.edu](mailto:eoh@ccbcmd.edu)  
 443-840-4096*

## 2015-2016 ARTICULATION AGREEMENT

*between*

**Baltimore County Public Schools and The 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
<b>Hereford and Parkville High Schools</b>		
66.0200	Child Development/ ERP I	1
66.0700	School Age Child Development and Care	1
66.0800	Independent Living	.5
66.0230	Decisions in Family Living	1
66.0750	School Age Child Development and Care Internship/ Mentored Project	1
66.0770	<i>or</i> School Age Child Development and Care Internship/ Mentored Project	2
*Portfolio Required for all School Age Child Development and Care Program courses.		

Course #	Course Title	Credits Awarded
<b>Early Childhood Development</b>		
EDTR120	Growth and Development in Early Childhood	3
EDTR123	The School Age Child	3

Course #	Course Title	Credits Awarded
<b>Early Childhood Education</b>		
EDTR120	Growth and Development in (only) Early Childhood	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 Campus)  
[lgronberg@ccbcmd.edu](mailto:lgronberg@ccbcmd.edu)  
 443-840-3139, 443-840-4153

Danielle Holland (Essex Campus)  
[dholland@ccbcmd.edu](mailto:dholland@ccbcmd.edu)  
 443-840-1573

Theresa Robinson (Catonsville Campus)  
[trobinson@ccbcmd.edu](mailto:trobinson@ccbcmd.edu)  
 443-840-4441

\*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.**

**2015-2016 ARTICULATION AGREEMENT**

*between*

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

BCPS Program Title:  
**School to Career Transition  
 Career Research and Development (CRD)**  
 CIP #: 86.0000

CCBC Program Title:  
**Student Development**

Course #	Course Title	Credits Earned
<b>All High Schools Eligible</b>		
86.1110	Intro to Career Research and Development	1
86.1210	Advanced Career Research and Development	1
86.1270 <i>or</i> 86.1290	Work-Based Learning Experience	2

Course #	Course Title	Credits Awarded
<b>Student Development</b>		
SDEV103	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.**

## 2015-2016 ARTICULATION AGREEMENT

*between*

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

BCPS Program Title:  
**Teacher Academy of Maryland**  
 CIP #: 13.0150

CCBC Program Title:  
**Teacher Education Early Childhood,  
 Elementary, Secondary or Special Education**  
 (A.A. or A.A.T.)

Course #	Course Title	Credits Earned
<b>Dundalk and Eastern Tech High Schools</b>		
66.0920	Foundations of Curriculum and Instruction	1
66.0200	Child Development/ ERP I	1
66.0900	<i>or</i> Child and Adolescent Development	1
66.0910	Teaching as a Profession	
66.0930	Teacher Academy of MD Internship/ Mentored Project	1
*Portfolio required for TAM Program courses.		

Course #	Course Title	Credits Awarded
<b>Teacher Education Early Childhood, Elementary, Secondary or Special Education</b>		
EDTR101	Foundations of Education	3

Students should contact the campus coordinator at the campus where they attend classes to schedule a final TAM Program portfolio review appointment.

Linda Gronberg-Quinn (Dundalk Campus)  
[lgronberg@ccbcmd.edu](mailto:lgronberg@ccbcmd.edu)  
 443-840-3139, 443-840-4153

Danielle Holland (Essex Campus)  
[dholland@ccbcmd.edu](mailto:dholland@ccbcmd.edu)  
 443-840-1573

Theresa Robinson (Catonsville Campus)  
[trobinson@ccbcmd.edu](mailto:trobinson@ccbcmd.edu)  
 443-840-4441

\*Articulated credits will be received upon a successful review of the TAM 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.**