

## **ARTICULATION AGREEMENT**

Community College of Baltimore County  
**Associate Degree: Information Technology**  
**(All Concentrations)**

**and**

University of Baltimore  
**Bachelor of Science in Applied Information Technology**

This agreement is effective with new *UB* admits beginning in fall 2007.

This agreement will be reviewed *biennially*.

### **ARTICULATION AGREEMENT**

Community College of Baltimore County (hereafter referred to as CCBC), a community college in Baltimore County, Maryland, and the University of Baltimore (hereafter referred to as UB), a public upper-division state university in Baltimore, Maryland and a member of the University System of Maryland, agree to offer an articulated program leading to the award of a Bachelor of Science in Applied Information Technology.

### **PURPOSE OF AGREEMENT**

This agreement is entered into in the interests of our students. The general purpose of this agreement is to make clear the terms of this articulation agreement. This agreement will allow for the efficient transfer of students between campuses, including transfer credit, admissions and financial aid/scholarship. It will provide opportunities for students beyond the classroom, serving as a basis for student involvement and faculty interaction. It will set expectations for administrators, faculty and staff at both institutions, and foster a working relationship between the parties. Finally, it will encourage students to continue their education for their own personal and professional development.

The program is designed for graduates of the associate's degree in Information Technology (all concentrations) at CCBC. A maximum of 60 credit hours from CCBC will be allowed towards fulfillment of the one hundred twenty (120) credit hours required for baccalaureate completion.

### **APPENDICES**

As part of this agreement, the following have been included.

1. Course by course articulations, including satisfaction of general education requirements at both CCBC and the University of Baltimore.
2. Upper Division requirements, to be completed at the University of Baltimore.

These appendices can be changed on a routine basis, by mutual agreement, without the procedural process review or revision of the entire articulation agreement.

## APPENDIX I - COURSE ARTICULATIONS (Information Systems Security)

The following pages indicate the course-to-course equivalency, as agreed upon within the articulation agreements.

### Course to course articulation, including General Education

CCBC Course	Credits	UB Equivalent	CCBC Requirements	UB Requirements
ENGL101	3	Lower Level Elective	Satisfies English Composition (E)	
SPCM101	3	Lower Level Elective		Satisfies the lower division speech general education requirement
Social and Behavioral Science	3	Lower Level Elective	Satisfies Social/Behavioral Science General Education (GB)	
Biological and Physical Science	4	Lower Level Elective	Satisfies Science General Education (GL)	
Mathematics	3	Lower Level Elective	Satisfies Math General Education (GM)	
Arts or Humanities or Social Science (HIST or PHIL recommended)	3	Lower Level Elective	Satisfies Arts and Humanities General Education (GH)	Satisfies the lower division history/philosophy general education requirement
Information Technology	3	Lower Level Elective		
ENGL102	3	Lower Level Elective		Satisfies the lower level literature general education requirement
ENGL213	3	Lower Level Elective		
ACCT101 or MNGT101 or EBUS101	3	Lower Level Elective		
DCOM101	3	Lower Level Elective		
DCOM258	3	Lower Level Elective		
CINS111	3	Lower Level Elective		
CINS142	3	Lower Level Elective		
CINS225	4	Lower Level Elective		
CINS234	3	Lower Level Elective	Course may be substituted for UB requirements	
CINS231	4	Lower Level Elective	Course may be substituted for UB requirements	
Concentration Coursework <b>Program:</b> CINS220 and CINS227 and CINS236 <b>Database:</b> CINS134 and CINS156 and CINS220 and CINS256 <b>Web:</b> WEBT143 and WEBT157 and WEBT257 and WEBT258	12 – 14	Lower Level Elective		<b>NOTE:</b> CCBC Associate degree students must complete one 3-credit Diversity course. It is recommended that students select a course ( <b>GH:</b> Arts & Humanities or <b>GB:</b> Behavioral/Social Sciences) that also meets the Diversity requirement. For more information, please refer to the most current edition of the <i>CCBC Catalog</i> .
<b>TOTAL</b>	<b>62-65</b>			

**NOTE:** CCBC Associate degree students must complete one 3-credit Diversity course. It is recommended that students select a course (**GH:** Arts & Humanities or **GB:** Behavioral/Social Sciences) that also meets the Diversity requirement. For more information, please refer to the most current edition of the *CCBC Catalog*.

## APPENDIX II: UPPER DIVISION REQUIREMENTS (Applied Information Technology)

All CCBC transfer students will be required to take a minimum of 60 credits of upper division coursework at UB.

Completion of the Applied Information Technology program at UB requires students to successfully complete the following course work:

Course Number	Course Title	Credit Hours	Explanation
<b>Upper Division General Education Core Requirements (9 Credits)</b>			
IDIS300	Ideas in Writing	3	
IDIS302	Ethical Issues in Business and Society	3	
IDIS304 or IDIS301	Arts and Ideas or World Cultures	3	IDIS304 (Arts and Ideas) will meet the lower division fine arts general education requirement, if necessary
<b>Program Requirements (39 Credits)</b>			
COSC305	Networking: Theory and Application	4	
COSC307	Administering and Supporting a Network Operation	4	
COSC310	Computer Programming II	3	Requires a Computer Programming course as a prerequisite.
COSC401	The TCI/IP Protocol Suite	3	
COSC403	Advanced and Object-Oriented Programming	3	
COSC416	Advanced Website Development	3	This course requires a website development course as a prerequisite
COSC425	Database Design and Implementation	4	
COSC430	Information Assurance	3	
COSC432	Network Security	3	
COSC490	Practicum	3	
MATH321	Mathematical Structures for Information Technology	3	
WRIT313	Writing for Information Systems	3	
<b>Additional Electives (12 credits)</b>			
Social Science		3	Satisfies the Social Science General Education Area
Science		3	Satisfies the Science General Education Area
General Elective		6	
<b>Total to be taken at UB:</b>		<b>60</b>	