

Community College of Baltimore County **A.A.S. Information Technology** to
 Peirce College **B.S. Information Technology with Concentration in
 Programming Application Development** 2017-18

Community College of Baltimore County Course	Peirce Degree Requirement Fulfilled
CSIT 101 - Technology and Information Systems	BIS 111 Application Software Fundamentals
CSIT 111 - Logic and OO Design	Elective
CSIT 121 - Web Standards	BIS 201 HTML and the World Wide Web
ENGL 101 - College Composition I	ENG 101 English Composition
Gen. Ed. Elective - Mathematics (MATH 163 or higher recommended) 3-4 Credit(s).	MAT 102 College Algebra
CSIT 142 - Introduction to MIS	MIS 110 Usability Principles and Interactive Design
CSIT 154 - Database Concepts (4 credits)	BIS 235 Database Management Systems
CSIT 210 - Introduction to Programming (4 credits)	BIS 112 Programming Concepts
Gen. Ed. Elective - Social and Behavioral Sciences 3 Credit(s).	Social Science Core
Program Requirement - English or Management 3 Credit(s). **ENGL 102 College Composition II (recommended for transfer)	ENG 103 Rhetoric and Research
CSIT 161 - Introduction to Information Assurance	ITN 144 Introduction to Network Security
CSIT 166 - Introduction to Mobile Applications Development (4 credits)	Elective
Gen. Ed. Elective - Biological and Physical Science 3-4 Credit(s).	Science Core
Program Elective 4 Credit(s).	Elective
DCOM 101** <i>recommended for transferability</i> or DCOM 142 3 Credit(s).	ITN 130 Networking Fundamentals or Elective
Gen. Ed. Elective - Arts and Humanities 3 Credit(s).	Humanities Core
Program Electives 8 Credit(s). **Recommended for Transfer: 1) CSIT 216 Python Programming 2) CSIT 125 Intro to JavaScript 3) CSIT 241 Applied System Analysis and Design 4) DCOM 141 Introduction to PC Repair and Operation 5) DCOM 202 Windows Server 6) CSIT 230 Help Desk Management 7) DCOM 142 Introduction to Linux/UNIX 8) CSIT 120 Diversity in a Technological Society	See Below

57 Credits Met - 64 Credits Remaining

****additional credits can be earned and transferred to Peirce by taking any more than two of the additional Program Electives listed directly above, as each has a direct equivalency at Peirce****

(Courses to be completed at Peirce on next page)

Community College of Baltimore County **A.A.S. Information Technology** to
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Courses to be Completed:

PRC 101 Introduction to Peirce	BIS 330 JavaScript Programming (*2)
Science Core	BIS 345 Advanced Application Development
COM 112 Speech Communication	BIS 402 Systems Analysis and Design (*3)
COM 312 Practical Reasoning	BIS 403 Applied Systems Design
HUM 102 Introduction to Ethics	BIS 415 IT Capstone in Programming
MAT 101 Intro to College Math	ISC 325 Assess Control, Security Assessment, and Security in the Software Development Lifecycle
MAT 109 Statistics	ITN 120 PC Fundamentals (*4)
Social Science Core	ITN 200 Server Administration I (*5)
General Education Core	ITN 220 Help Desk and Customer Support Concepts (*6)
BIS 323 Computer Programming II (*1)	ITN 301 Linux Administration, Networking, and Security (*7)
BIS 324 Computer Programming III	MIS 205 Ethical Management of Information Technology (*8)
BIS 325 Application Development	MIS 302 Project Management
**** CSIT 154, CSIT 210, and CSIT 166 each carry 4 credits, but only transfer as 3. Therefore the 3 extra credits transfer in as one (1) elective	