



Transfer Program-to-Program Articulation



Harrisburg Area Community Mathematics – Computer Science (#4030)

REQUIREMENT	COURSE	CRS
General Education		
Written Communication	ENGL 101	3
Written Communication	ENGL 102 Or 104	3
Oral Communication	COMM I	3
First Year Seminar	FYS	1
Arts & Humanities Core		3
Social/Behavioral Science Core		3
Mathematics Core	MATH 121	4
Science (w/lab) Core	BIO 101, CHEM 101, PHYS 201 OR PHYS 211	3-4
Math or Science Core	MATH 202	4
Wellness		1
	<i>Credits</i>	29

PROGRAM REQUIREMENTS

Intro to Computer Systems	CIS 110 OR CNT 120	3
Computer Science 1: Java Programming	CPS 121	3
Computer Science II: Algorithmic Design JAVA	CPS 161	4
Computer Science III: Data Structures	CPS 162	3
Object Oriented Programming	CPS 230	3
Discrete Mathematics	MATH 125	3
Linear Algebra	MATH 220	3
General Biology II	BIO 102, CHEM 102 PHYS 202 OR PHYS 212	4
Transfer Elective		6

Credits 32
Total HACC Credits 61

Harrisburg University Computer and Information Services

REQUIREMENT	COURSE	CRS
General Education		
College Composition	ENG 105 OR 106	3
Advanced Composition and Technical Writing	ENG 200	3
Speech	COMM 110	3
Elective		1
The Creative Mind II	GEND 103	3
The Creative Mind I	GEND 102	3
Introductory Statistics	MATH 280	4
The Scientific Mind I	GEND 112	4
College Algebra I or Calculus I	MATH 120 or MATH 220	3
Elective		1
	<i>Credits</i>	28

PROGRAM REQUIREMENTS

Introduction to Computer Systems	CISC 103	3
Fundamentals of Computing	CISC 120	3
Cornerstone	SEMR 100	1
Scientific Mind II	GEND 113	3
General Ed Substitution	GEND Group	3
Calculus I	MATH 220	3
Essential Algorithms	CISC 233	3
Intro to Linear Algebra	MATH 250	3
Data Structures	CISC 160	3
Programming	CISC 140	3
Discrete Mathematics	MATH 210	3

Credits 35
Total HU Credits 63



Harrisburg University

Program Study: Computer and Information Services

Harrisburg Area Comm. College

Program Study: Math and Computer Science (4030)

Post-Transfer Required Courses

REQUIREMENT	COURSE	CREDITS
General Electives		
The Civic Mind	GEND 201	6
The Organization Mind	GEND 351	6
Discrete Math II	MATH 310	3
	<i>Credits</i>	15
Program Requirements		
CSIC Project I	CISC 298	3
Internship	CISC 365	3
CISC Project II	CISC 498	3
Steppingstone	SEMR 200	1
Cornerstone	SEMR 300	1
Capstone	SEMR 400	1
Computer Organization and Architecture	CISC 211	4
Information System Design and Analysis	CISC 225	3
Operating Systems	CISC 301	3
Program Language, Concepts and Paradigms	CISC 325	3
Formal Languages and Automata	CISC 399	3
CISC 300-400 Electives	CISC 300-400	9
CISC 400 Electives	CISC 400	6
	<i>Credits</i>	42
	<i>Total Credits</i>	58