

HARFORD COMMUNITY COLLEGE - COMPUTER SCIENCE A.S
TOWSON UNIVERSITY - 2 + 2 COMPUTER SCIENCE B.S.

HARFORD COMMUNITY COLLEGE			TOWSON UNIVERSITY			
COURSE #	COURSE TITLE	CRS.	TU EQUIVALENCY	GenEd	COMMENTS	COURSE ID#
ENG 101	English Composition	3	ENGL 102	IA		2348
				IB		
MATH 203	Calculus I	4	MATH 273	IC		4407
				ID		
				IE		
BIO/PHSC	Biological/Physical Science Elective	4		IIA	Equivalency depends on choice.	
BIO/PHSC	Biological/Physical Science Elective	4		IIA	Equivalency depends on choice.	
A & H	Arts/Humanities Elective	3		IIB1	Equivalency depends on choice.	
				IIB3		
A & H	Arts/Humanities Elective	3		IIC1	Equivalency depends on choice.	
B/SS	Behavioral/Social Science Elective	3		IIC2	Equivalency depends on choice.	
B/SS	Behavioral/Social Science Elective	3		IIC2	Equivalency depends on choice.	
				IIC3		
				IID		
GenEd in Transfer		27				
CIS 111	C Programming Language	4	COSC TLL			10186
CIS 115	Fundamentals of Programming	3	COSC 175			1335
CIS 201	Assembly Programming Language	4	COSC 280			1349
CIS 221	C++ Programming	4	COSC TLL			10186
CSI 131	Computer Science I	4	COSC 236			1344
CSI 132	Computer Science II	4	COSC 237			1345
MATH 204	Calculus II	4	MATH 274			4408
MATH 206	Calculus III	4	MATH 275			4409
Or MATH 217	Or Linear Algebra		Or MATH 265			4403
MATH 216	Introduction to Statistics (General Elective)	4	MATH 231		MATH 216 to be used in lieu of the MATH 330 program requirement	4393
MATH 210	Discrete Structures	3	MATH263			4401
	Physical Education Fitness Elective	1	PHEA TLL			10564
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Program Requirements		40				
Total units in transfer		67				

- 70 credit transfer maximum.
- An additional 18 GenEd credits must be completed at Towson University: I.B, I.D, I.E, II.B.3, II.C.3 and II.D.
- HCC students must complete one 3-credit Diversity course. It is recommended that students select a course from the approved list of Diversity courses from the HCC catalog.

Total Credits Toward B.S. Degree: 121

Transfer Credits from Harford Community College: **67**

GenEd to be completed at Towson University: **18**

(I.B, I.D, I.E, II.B.3, II.D)

COMM 131 Fundamentals of Speech Communication (3)

GenEd II.B.3

Program requirements at Towson University: **36**

COSC 336 Data Structures & Algorithm Analysis (4)

COSC 338 Computer Organization & Architecture (4)

COSC 418 Senior Seminar (3)

COSC 457 Database Management Systems (3)

COSC 455 Prog. Languages: Design & Implementation (3)

COSC 439 Operating Systems (3)

Upper-Level Electives - Category A (6)

Upper-Level Electives - Category B (6)

Lab Science Course (4)