

A.S. in APPLIED COMPUTER SCIENCE (2303) 60 Credits

Essex County College, METCS Division – Curriculum Guide

STUDENT: _____

ID#: _____

General Education Requirements (34 Crs.)		Crs.	✓
Written & Oral Communications (6 Crs.)			
ENG 101	College Composition I	3	
ENG 102	College Composition II	3	
Quantitative/Scientific Knowledge, Skills & Reasoning (16 Crs.)			
MTH 113	College Algebra. with Trig.	4	
MTH 127	Basic Calculus	4	
PHY 101	College Physics I	4	
PHY 102	College Physics II	4	
Society & Human Behavior (6 Crs.)			
E.g., ANT 101, 105; ECO 101, 102; POL 101, 104; PSY 101, 102; SOC 101, 108, 219	Choose Two Social Science General Education Courses	3	
		3	
Humanistic Perspective (3 Crs.)			
E.g., ENG 205, 208, 215, 221, 222, 232, 237, 238, 242, 250, 263, 264 or ART 100,101,102; MUS 100,108,109, 117	Choose One English Literature Course	3	
	OR Choose One Art/Music Appreciation Course		
Historical Perspective (3 Crs.)			
E.g., HST 101, 102, 111, 112, 121,122, 131, 132, 134, 135, 136, 137, 161, 162, etc.	Choose One History Course	3	
Major Course Requirements (23 Crs.)			
CSC 121	Computer Science I	3	
CSC 122	Computer Science II	3	
CSC 221	Computer Systems & Architecture	3	
CSC 223	Ethics & Computer Technology	3	
CSC 225	Data Structures	3	
CSC 228	Operating Systems	4	
CSC 231	Database Design	4	
Additional Course Requirements (3 Crs.)			
MTH 136	Discrete Mathematics	3	
Total Credits Required		60	

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