

A.S. in COMPUTER INFORMATION SYSTEMS (2002) 60 Credits

Essex County College, METCS Division – Curriculum Guide

STUDENT: _____

ID#: _____

General Education Requirements (32 Crs.)		Crs.	✓
Written & Oral Communications (6 Crs.)			
ENG 101	College Composition I	3	
ENG 102	College Composition II	3	
Quantitative/Scientific Knowledge, Skills & Reasoning (14 Crs.)			
MTH 113	College Algebra with Trig	4	
MTH114	Unified Calculus I	3	
MTH 136	Discrete Mathematics	3	
E.g., BIO 101, 102, 103, 104, 121, 122; CHM 101, 102, 103, 104; GEO 101, 102; PHY 101, 102, 103, 104, 113, 114	Choose One Lab Science Course	4	
Society & Human Behavior (6 Crs.)			
E.g., ANT 101, 105; ECO 101, 102; POL 101, 104; PSY 101, 102, 219; SOC 101, 108, 219	Choose Two Social Science General Education Courses	3	
		3	
Humanistic Perspective (3 Crs.)			
E.g., ART 100, 101, 102; ENG 205, 208, 215, 221, 222, 232, 237, 238, 242, 250, 263, 264; MUS 100, 108, 109, 117	Choose One English Literature Course Or One Humanities General Education Course	3	
Historical Perspective (3 Crs.)			
E.g., HST 101, 102, 111, 112, 121, 122, 131, 132, 134, 135, 136, 137, 161, 162	Choose One History Course	3	
Major Requirements (25 Crs.)			
CIS 212	Systems Analysis and Design	3	
CIS 215	Data Communications	3	
CSC 121	Computer Science I	3	
CSC 122	Computer Science II	3	
CSC 223	Ethics and Computer Tech	3	
CSC 225	Data Structures	3	
CSC 221	Computer Systems & Arch	3	
CSC 228, CSC 231	Choose CSC 228 Operating Systems Or Database Design CSC 231	4	
Additional Requirements (3 Crs.)			
CIS 131	Microcomputers in Business	3	
Total Credits Required		60	

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