

A.A.S. in SOFTWARE DEVELOPMENT TECHNOLOGY (2316) 60 Credits

Essex County College, METCS Division – Curriculum Guide

STUDENT: _____

ID#: _____

General Education Requirements (20 Crs.)		Crs.	✓
Written & Oral Communications (6 Crs.)			
ENG 101	College Composition I	3	
ENG 102 or 105	Choose one	3	
Quantitative Knowledge & Skills (8 Crs.)			
MTH 100	Introductory College Mathematics	4	
E.g., MTH 113,119,120,121,122, 127, 221, or 222; BIO 101, 102, 103, 104, 121, 122; CHM 101, 102, 103, 104; PHY 101, 102, 103, 104, 113, 114;	Choose One listed Math Or Lab Science Course	4	
Society & Human Behavior (3 Crs.)			
E.g., ANT 101, 105; ECO 101,102; POL 101, 104; PSY 101, 102, 219; SOC 101, 108, 219	Choose One Social Science 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 (29 Crs.)			
CSC 104	Network Fundamentals	3	
CSC 137	Intro to Programming in Java	3	
CSC 237	Enterprise Java Programming	4	
CSC 151	Intro to Development Java Apps	3	
CSC 251	Web Application Development	4	
CSC 255	Mobil App Dev With Android or iPhone	4	
CSC 231	Database Design	4	
CSC 232	Advanced Database Management	4	
Additional Requirements (11 Crs.)			
CSC 113, or 114, or 116	Choose One of the listed Courses	4	
CSC 250, or 253	Intro to System & Cloud Admin Or IT Capstone Project	4	
CSC 260 or Technical Course	Internship or Approved Technical Course	3	
Total Credits Required		60	

60 C