

SOFTWARE DEVELOPMENT TECHNOLOGY - AAS (2316)

Division: Mathematics, Engineering Technologies and Computer Sciences (METCS) Division

Code	Title	Credits
General Education Requirements (20 Credits)		
<i>Written & Oral Communication (6)</i>		
ENG 101	College Composition I	3
ENG 102	College Composition II	3
or ENG 105	Technical Writing	
<i>Quantitative/Scientific Knowledge, Skills & Reasoning (8)</i>		
MTH 100	Intro. to College Mathematics	4
Select one of the following:		4
MTH 113, MTH 119, MTH 120, MTH 121, MTH 122, MTH 127		
BIO 101, BIO 102, BIO 103, BIO 104, BIO 116, BIO 121, BIO 122, BIO 211, BIO 220, BIO 237		
CHM 101, CHM 102, CHM 103, CHM 104,		
PHY 101, PHY 102, PHY 103, PHY 104, PHY 113, PHY 114		
<i>Society & Human Behavior (3)</i>		
Select one of the following:		3
ANT 101, ANT 105, ECO 101, ECO 102, POL 104, PSY 101,		
PSY 102, PSY 219, SOC 101, SOC 108, SOC 219		
<i>Historical Perspective (3)</i>		
Select any History (HST) course		3
Major Requirements (33 Credits)		
CSC 104	Network Fundamentals	3
CSC 137	Intro. to Programming in Java	3
CSC 151	Intro Develop Web Applications	3
CSC 231	Database Design	4
CSC 232	Advanced Database Management	4
CSC 237	Enterprise Java Programming	4
CSC 251	Web Application Development	4
CSC 253	Intro. System & Cloud Admin.	4
CSC 255	Mobile Application Development	4
Additional Course Requirements (7 Credits)		
Select one of the following:		4
CSC 113	Intro Linux/UNIX Operating Sys	
CSC 114	Computer Networks I	
CSC 116	Intro to Comp/Network Security	
Select one of the following:		3
CSC 250	Infor. Tech. Capstone Project	
CSC 260	Information Tech. Internship	
Approved Technical Course		
Total Credits		60

Notes:

1. For an explanation of why General Education courses are included in this Program, please refer to the Section on General Education for an explanation of its Purpose and Requirements.

2. This plan assumes the student is eligible to enroll in College Level Courses (designated as 100 +, e.g., ENG 101 College Composition I, HST 101 World Civilization I, MTH 100 Intro. to College Mathematics). Placement results will determine College Level Readiness in English and Mathematics.