

# APPLIED COMPUTER SCIENCE - AS (2303)

Placement results will determine College Level Readiness in English and Mathematics.

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

Code	Title	Credits
<b>General Education Requirements (34 Credits)</b>		
<i>Written &amp; 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 &amp; Reasoning (16)</i>		
MTH 113	College Algebra with Trig	4
MTH 127	Basic Calculus	4
PHY 101	College Physics I	4
PHY 102	College Physics II	4
<i>Society &amp; Human Behavior (6)</i>		
Select two of the following:		6
ANT 101, ANT 105, ECO 101, ECO 102, POL 104, PSY 101, PSY 102, PSY 219, SOC 101, SOC 108, SOC 219		
<i>Humanistic Perspective (3)</i>		
Select any English Literature Course OR		3
Select One of the Following Courses:		
ART 100, ART 101, ART 102, MUS 100, MUS 109, MUS 117		
<i>Historical Perspective (3)</i>		
Select any History (HST) Course		3
<b>Major Requirements (23 Credits)</b>		
CSC 121	Computer Science I	3
CSC 122	Computer Science II	3
CSC 221	Computer Sys and Architecture	3
CSC 223	Ethics and Computer Technology	3
CSC 225	Data Structures	3
CSC 228	Operating Systems	4
CSC 231	Database Design	4
<b>Additional Course Requirements (3 Credits)</b>		
MTH 136	Discrete Mathematics	3
<b>Total Credits</b>		<b>60</b>

- If you do not place into MTH 127 Basic Calculus or MTH 113 College Algebra with Trig the prerequisite is MTH 100 Intro. to College Mathematics. Math Placement is determined by the Mathematics Department. These courses should be taken in high school or the summer before your first semester.

## 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).