

# COMPUTER INFORMATION SYSTEMS - AS (2002)

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

Code	Title	Credits
<b>General Education Requirements (32 Credits)</b>		
<i>Written &amp; Oral Communication (6)</i>		
ENG 101	College Composition I	3
ENG 102	College Composition II	3
<i>Quantitative/Scientific Knowledge, Skills &amp; Reasoning (10)</i>		
MTH 113	College Algebra with Trig	4
MTH 114	Unified Calculus I	3
MTH 136	Discrete Mathematics	3
Select One of the Following:		4
BIO 101-BIO 102, BIO 103-BIO 104, BIO 121-BIO 122, BIO 116, 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 &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 (25 Credits)</b>		
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 225	Data Structures	3
CSC 223	Ethics and Computer Technology	3
CSC 221	Computer Sys and Architecture	3
CSC 228	Operating Systems	4
or CSC 231	Database Design	
<b>Additional Course Requirements (3 Credits)</b>		
CIS 131	Micro Computers in Business	3
<b>Total Credits</b>		<b>60</b>

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

## 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.