

# East Central University/Murray State College Articulation Agreement

## Bachelor of Science: Computer Science

### Associate of Science—Computer Science

- ORI 1011 New Student Orientation
- ENG 1113 English Comp I
- HST 1483 U.S. History to 1877 **OR**  
HST 1493 U.S. History since 1877
- MTH 1513 College Algebra\*
- PHS 1114 General Physical Science 14

- ENG 1213 English Comp II
- MTH 1613 Plane Trigonometry\*
- BIO 1114 General Biology
- HWP 1112 Personal Health **OR**  
HWP 2212 First Aid
- Humanities Elective
- CS 1313 Logic & Problem Solving 18

- CS 1533 Intro Visual Basic\*
- BC 2113 Business Communications\*
- MTH 2215 Calculus w/Analytic Geometry\*
- 3 Program Elective
- Humanities Elective 17

- CIS 2223 Systems Analysis
- GVT 1113 American Federal Government
- ECO 2113 Principles of Macroeconomics
- MTH 2315 Calculus II w/Analytic Geometry\* 14

Total Credit Hours 63

\* please see chart on second page  
for course equivalencies



### Bachelor of Science—Computer Science

- CMPSC 1133 Computer Programming II
- 3 MATH Elective
- 3 Upper Level Elective
- 3 Upper Level Elective
- 4 Upper Level Elective 16

- CPSMA 3913 Discrete Mathematics
- CPSMA 2923 Data Structure & Algorithm Analysis
- 3 Required Elective (CPSMA 3933, 4413 or department approved course)
- 3 Computer Science Elective (CMPSC 2213, 2323 or 3313)
- 3 Upper Level Elective 15

- 3 Computer Science Elective (CMPSC 3213, 3233, 3543, 4223 or 4983)
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- 3 Required Elective (CPSMA 3933, 4413 or department approved course)
- CMPSC 3613 Computer Architecture
- 3 Upper Level Elective 15

- CMPSC 4473 Theory of Programming Languages
- CMPSC 4213 Data Base Design
- CMPSC 3113 Operating Systems
- CMPSC 3943 Software Design & Development
- 3 Upper Level Elective 15

Total Credit Hours 61



**Total Credit Hours Taken: 124**  
**Total Credit Hours Applied to BS Degree: 124**