

**Transfer Guide for State Fair Community College AA/AAS
to Central Methodist University Bachelor of Science in Computer Science**

State Fair Community College	Central Methodist University Bachelor of Science in Computer Science		
General Education Core Requirements			
ENGL101 English Composition I	3	EN110 English Composition I	3
ENGL102 English Composition II	3	EN111 English Composition II	3
COMM101 Public Speaking	3	CT101 Oral Communications	3
MATH114 College Algebra (or higher)	3	MA 103 College Algebra (or higher)	3
No Equivalent		EN305 Expository Writing or EN306 Technical Writing	3
PHIL104 Living Religions OR waived with AA	3	RL122 Religion and the Human Adventure	3
HIST101 U.S. History Before 1877, HIST102 U.S. History Since 1877, or POLS101 American/National Government	3	US History or National Government (includes Mo State Civics Requirement)	3
LIT101 Introduction to Literature, LIT107 American Literature, LIT109 English Literature, LIT112 World Literature, or LIT114 Topics in Literature	3	EN222 Character and Literature	3
CJ, ECON, HIST, PHIL, POLS, PSY, SOC	3	Valuing or Social Science (CJ, EC, HI, PL, PS, PY, SO)	3
Science with Lab	4-5	Science with Lab	4
Additional General Education Requirements Tier II			
Humanities and/or Fine Arts	6	Humanities and/or Fine Arts Requirement	6
CJ, ECON, HIST, PHIL, POLS, PSY, SOC	3	Social Science Requirement (see CMU catalog for specific CJ, EC, HI, PS, PY, SO options)	6
Analytical Skills (Math, Computers, etc.)	6	Analytical Skills (Math, Computers, etc.)	6
Science with or without Lab	3-5	Science with or without Lab	3-4
Major Computer Science			
CIS155 Programming in C#	3	CS172 .NET I	3
CIS157 Advanced C+	3	CS271 .NET II	3
CIS124 Database Management AND CIS163 Visual Basic with SQL	6	CS362 Database Systems and SQL	3
No equivalent		CS363 Networking	3
No equivalent		CS371 Concepts of MIS	3
No equivalent		CS377 Computer Architecture and Operating Systems	3
No equivalent		CS378 Data Structures and Algorithms	3
No equivalent		CS480 Senior Thesis	3
No equivalent		SC425 Senior Seminar Capstone	1
One (1) from the following (3 hours):			
CIS145 Visual Basic		CS236 Programming in Visual Basic	3
CIS158 Java		CS237 Programming with Java	3

Student must meet a residency requirement wherein 30 of the last 36 hours must be from Central Methodist University. Student must have 36 hours of 300 level course work from a four-year institution. Student must have a minimum of 15 hours in the major at the 300 level. All students must have a minimum of 124 hours.

No equivalent		CS272 Survey of Programming Languages	3
Two (2) from the following (6 hours):			
WEB116 Web Development	3	CS214 Web Page Design	3
No equivalent		CS216 Web Programming	3
No equivalent		CS231 Scientific Computer Programming	3
WEB103 Introduction to Web Development	3	CS275 Mobile Application Development	3
No equivalent		CS375 Game Programming	3
No equivalent		MA107 Discrete Math	3
Minor (17-18 hours)			
The division suggests elective coursework that will support the student's career plans.			
Electives to Complete 124 Credit Hours			
CIS175 CIS Internship	4-6	CS168/268 Internship and Field Experience	1-6
Total Credit Hours		64+	Total Credit Hours
			124

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