

Central Methodist

UNIVERSITY

Transfer Guide for St. Charles Community College

Associate of Science in Cyber	Committee to Docholon	of Colomba in	Computer Science
Associate of Science in Cyber	Decurity to Dachetor	of perence in	COMPuter Science

St. Charles Community College		Central Methodist University					
Associate of Science in Cyber Security		Bachelor of Science in Computer Science	ce				
General Education Core Requirements							
ENG101 English Composition I	3	EN110 Freshman Writing I	3				
ENG102 English Composition II	3	EN111 Freshman Writing II	3				
SPE101 Oral Communications	3	CT101 Public Speaking	3				
MAT162 College Algebra – STEM	4	MA103 College Algebra (or higher)	3-5				
No Equivalent		EN305/EN306 Expository or Tech Writing	3				
*PHL201 World Religions	3	RL122 Religion and the Human Adventure	3				
HIS101/102/115/270 or POL101/102	3	Social Science with Constitution	3				
*LIT210/220/240/260/271/273	3	EN222 Introduction to Literature	3				
*Various Equivalents	3	Valuing or Social Science	3				
Natural Science with Lab	4-5	Science with Lab	4-5				
Additional General Education Requirements – Tier II							
Humanities	3	Humanities or Fine Arts	3				
PHL160 Ethics	3	Humanities	3				
*Various Equivalents	3	Social Science	3				
*Various Equivalents	3	Social Science	3				
CPT103 Microcomputer Applications	3	BU225 Comp Apps in Bus (Analytical Skills)	3				
MAT175 Introductory Statistics	3	MA105 Elementary Stats (Analytical Skills)	3				
*Various Equivalents	3	Science	3				
Maj	or-Com	outer Science					
All courses transferred as equivalents will fulfill the	denree re	entire control but soull not fulfill the 200 level was waren					
in the comment of the control of the		dinnement on win not imiti die ana iezet tedaneme	nts. All				
students must meet the residency requirement of 30	of the las	t 36 hours must be from Central Methodist University	nis. Ali				
students must meet the residency requirement of 30 All students must have 36 hours of	of the las of 300 leve	t 36 hours must be from Central Methodist University Il course work from a four year institution.	•				
students must meet the residency requirement of 30 All students must have 36 hours of CPT182 Beginning Programming in C++	of the las of 300 level 3	t 36 hours must be from Central Methodist University el course work from a four year institution. CS172 .NET I	3				
All students must meet the residency requirement of 30 All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++	of the las of 300 leve	t 36 hours must be from Central Methodist University of course work from a four year institution. CS172 .NET I CS271 .NET II	3				
All students must meet the residency requirement of 30 All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent	of the las of 300 level 3	t 36 hours must be from Central Methodist University of course work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL	3 3 3				
All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent No Equivalent	of the las of 300 level 3	t 36 hours must be from Central Methodist University of course work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL CS363 Networking	3 3 3 3				
All students must meet the residency requirement of 30 All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent No Equivalent No Equivalent	of the las of 300 level 3	t 36 hours must be from Central Methodist University of course work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL CS363 Networking CS371 Concepts of MIS	3 3 3 3 3				
All students must meet the residency requirement of 30 All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent No Equivalent No Equivalent No Equivalent No Equivalent	of the las of 300 level 3	136 hours must be from Central Methodist University I course work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL CS363 Networking CS371 Concepts of MIS CS377 Comp Architecture and Operating Syst	3 3 3 3 3 3				
All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent	of the las of 300 level 3	136 hours must be from Central Methodist University 21 course work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL CS363 Networking CS371 Concepts of MIS CS377 Comp Architecture and Operating Syst CS378 Data Structures and Algorithms	3 3 3 3 3 3 3				
All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent	of the las of 300 level 3	t 36 hours must be from Central Methodist University el course work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL CS363 Networking CS371 Concepts of MIS CS377 Comp Architecture and Operating Syst CS378 Data Structures and Algorithms CS480 Senior Thesis	3 3 3 3 3 3 3 3				
All students must meet the residency requirement of 30 All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent	of the las	136 hours must be from Central Methodist University I course work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL CS363 Networking CS371 Concepts of MIS CS377 Comp Architecture and Operating Syst CS378 Data Structures and Algorithms CS480 Senior Thesis SC425 Science Seminar Capstone	3 3 3 3 3 3 3				
Students must meet the residency requirement of 30 All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent One	of the las of 300 leve 3 3	136 hours must be from Central Methodist University Lecture work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL CS363 Networking CS371 Concepts of MIS CS377 Comp Architecture and Operating Syst CS378 Data Structures and Algorithms CS480 Senior Thesis SC425 Science Seminar Capstone the following:	3 3 3 3 3 3 3				
All students must have 36 hours of All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent CPT187 Visual Basic .NET	of the las of 300 lev 3 3 (1) from	136 hours must be from Central Methodist University 21 course work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL CS363 Networking CS371 Concepts of MIS CS377 Comp Architecture and Operating Syst CS378 Data Structures and Algorithms CS480 Senior Thesis SC425 Science Seminar Capstone the following: CS236 Programming in Visual Basic	3 3 3 3 3 3 3 1				
All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent CPT187 Visual Basic .NET CPT189 Java Programming	of the las of 300 leve 3 3	136 hours must be from Central Methodist University 21 course work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL CS363 Networking CS371 Concepts of MIS CS377 Comp Architecture and Operating Syst CS378 Data Structures and Algorithms CS480 Senior Thesis SC425 Science Seminar Capstone the following: CS236 Programming in Visual Basic CS237 Programming with Java	3 3 3 3 3 3 3 1				
All students must have 36 hours of All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent One of CPT187 Visual Basic .NET CPT189 Java Programming No Equivalent	of the las of 300 lev 3 3 (1) from 3 3	136 hours must be from Central Methodist University Let course work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL CS363 Networking CS371 Concepts of MIS CS377 Comp Architecture and Operating Syst CS378 Data Structures and Algorithms CS480 Senior Thesis SC425 Science Seminar Capstone the following: CS236 Programming in Visual Basic CS237 Programming with Java CS272 Survey of Programming Languages	3 3 3 3 3 3 3 1				
All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent CPT187 Visual Basic .NET CPT189 Java Programming No Equivalent Two	of the las of 300 lev 3 3 3 (1) from 3 (2) from	CS276 Programming in Visual Basic CS272 Survey of Programming Languages the following:	3 3 3 3 3 3 3 1				
All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent CPT187 Visual Basic .NET CPT189 Java Programming No Equivalent Two	of the las of 300 lev 3 3 (1) from 3 3 (2) from 3	136 hours must be from Central Methodist University 1 course work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL CS363 Networking CS371 Concepts of MIS CS377 Comp Architecture and Operating Syst CS378 Data Structures and Algorithms CS480 Senior Thesis SC425 Science Seminar Capstone the following: CS236 Programming in Visual Basic CS237 Programming with Java CS272 Survey of Programming Languages the following: CS214 Web Page Design	3				
All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent CPT187 Visual Basic .NET CPT189 Java Programming No Equivalent Two CPM160 Introduction to HTML CPM190 Dynamic Programming Languages	of the las of 300 lev 3 3 3 (1) from 3 (2) from	136 hours must be from Central Methodist University 21 course work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL CS363 Networking CS371 Concepts of MIS CS377 Comp Architecture and Operating Syst CS378 Data Structures and Algorithms CS480 Senior Thesis SC425 Science Seminar Capstone the following: CS236 Programming in Visual Basic CS237 Programming with Java CS272 Survey of Programming Languages the following: CS214 Web Page Design CS216 Web Programming	3				
All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent CPT187 Visual Basic .NET CPT189 Java Programming No Equivalent Two CPM160 Introduction to HTML CPM190 Dynamic Programming Languages No Equivalent	of the las of 300 lev 3 3 (1) from 3 3 (2) from 3 3	136 hours must be from Central Methodist University 14 course work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL CS363 Networking CS371 Concepts of MIS CS377 Comp Architecture and Operating Syst CS378 Data Structures and Algorithms CS480 Senior Thesis SC425 Science Seminar Capstone the following: CS236 Programming in Visual Basic CS237 Programming with Java CS272 Survey of Programming Languages the following: CS214 Web Page Design CS216 Web Programming CS231 Scientific Computer Programming	3				
All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent CPT187 Visual Basic .NET CPT189 Java Programming No Equivalent Two CPM160 Introduction to HTML CPM190 Dynamic Programming Languages No Equivalent CPT160 Mobile Apps Development	of the las of 300 lev 3 3 (1) from 3 3 (2) from 3	CS276 Programming in Visual Basic CS277 Survey of Programming Languages the following: CS272 Survey of Programming CS273 Scientific Computer Programming CS274 Web Programming CS275 Mobile Application Development	3 3 3 3 3 3 3 1				
All students must have 36 hours of CPT182 Beginning Programming in C++ CPT281 Advanced Programming in C++ No Equivalent CPT187 Visual Basic .NET CPT189 Java Programming No Equivalent Two CPM160 Introduction to HTML CPM190 Dynamic Programming Languages No Equivalent	of the las of 300 lev 3 3 (1) from 3 3 (2) from 3 3	136 hours must be from Central Methodist University 14 course work from a four year institution. CS172 .NET I CS271 .NET II CS362 Database Systems and SQL CS363 Networking CS371 Concepts of MIS CS377 Comp Architecture and Operating Syst CS378 Data Structures and Algorithms CS480 Senior Thesis SC425 Science Seminar Capstone the following: CS236 Programming in Visual Basic CS237 Programming with Java CS272 Survey of Programming Languages the following: CS214 Web Page Design CS216 Web Programming CS231 Scientific Computer Programming	3				



Minor (17-18 hours)						
Required A.S. Course		Electives				
MAT150 Trigonometry	3	Transferred Elective	3			
CPT/CPC/CPM Course	3	CS Elective	3			
CPT/CPC/CPM Course	3	CS Elective	3			
Total Credit Hours	60+	Total Credit Hours	124			

^{*}SCC transferable courses not included in the A.S. degree.