



STATE DISCIPLINE FRAMEWORK COURSE STRUCTURE - PRIVATE COLLEGE APPROVAL DOCUMENTATION

DISCIPLINE FRAMEWORK:	Computer Science	Framework CREDITS	23	PRIVATE COLLEGE/UNIVERSITY:	Clarke University
Sponsoring Community College:	Northeast Iowa Community College	Total Award CREDITS	60-64		
Electronic Signature 4-year college				4-Year College Contact Name:	Joshua Moris
College Signed Date:	12/20/23	Date TMSC Approved for All TM:		4-Year College Contact Email:	joshua.moris@clarke.edu
CC AWARD TYPE:	AS	CIP #	11.01010200	ITSO	03 09 11 03

Core Elements	Cr Hrs	CC Course Number	Community College Course Name	4-Year Private	Cr Hrs	4-Year Course #	4-Year Course Name(s)	Articulation Issues/Questions/Advising Notes
Discrete Math	3	MAT 150	Discrete Math	Clarke University	3	MATH 280	Topics in Mathematics	Acceptable for major or minor in math
Introduction to Computer Science	4	CSC142	Introduction to Computer Science	Clarke University	3	CS 110	Introduction to Programming	
& Data Structures	4	CSC153	Data Structures	Clarke University	3	CS 270	Data Structures & Algorithms	
& Software Design and Development	4	CSC160	Software Design and Development	Clarke University	3	CS 230	Business Applications Development	
Calculus Course Sequence	8	MAT 210 + MAT 216	Calculus I Calculus II	Clarke University	8	MATH 225 + MATH 226	Calculus I & Calculus II	
OR	10	MAT 211 + MAT 217	Calculus I Calculus II					
OR	8-9	MAT 211 + MAT 216	Calculus I Calculus II					
OPTIONAL (Computer Organization Assembly)	3 Optional	CSC175	Computer Organization Assembly (Does not have to be articulated)	Clarke University	3	CS 280	Topics in Computer Science	
Remaining Math/Science	Clarke University accepts the Associates of Arts and Associates of Science degrees from institutions accredited by the Higher Learning Commission (HLC) or its national affiliated equivalent accrediting associations. These students will enter Clarke with junior status, and fulfill the Clarke Compass (general education) requirements with the AA or AS degree in addition to completing the following courses: CMPS 102 - Compass Navigator: Transfer and Non-Traditional (1 credit) and CMPS 450 - Compass Seminar III (3 credits). Clarke University recommends students also take MAT 156 Statistics.							
Remaining Communications								
Remaining Humanities								
Remaining Social Sciences								
Remaining Distributed								
Remaining Electives								
Total Community College credits:	60-64			4-Year credits: (Must be 60-64)	60-64			
Notes:								