UNIVERSITY OF South Carolina

MIDLANDS TECHNICAL COLLEGE

Direct Transfer Track: Associate in Applied Science in Computer Technology Applications to Bachelor of Science in Information Science

Bulletin Year: 2024-2025

This course plan provides a recommended sequence for this major. For detailed degree requirements, please refer to the University of South Carolina Bulletin. Additionally, reach out to your academic advisor at Midlands Technical College for assistance in navigating coursework in your MTC program of study. Your University of South Carolina advisor will help with course selection and planning for upcoming semesters after transfer.

Course Subject and Title	Credit Hours	Min. Grade	USC Equivalent Course	USC Degree Applicability
Semester One (17 Credit Hours)				
COL 101 Freshman Seminar	1		Not Transferrable	Not Degree Applicable
ENG 101 English Composition I	3	C	ENGL 101 Critical Reading & Composition	CC-CMW
CPT 104 Intro to Information Technology	3	C	ISCI 002T Information Science Elective	MR-Elective 1
MAT 110 College Algebra	3		MATH 111 Basic College Mathematics	PR-Elective 1
CPT 236 Intro to Java Programming	3	C	ISCI 002T Information Science Elective	MR-Elective 2
CPT 136 Computer Programming Lab	1	C	UNEL 001T University Elective	PR-Elective 2
IST 225 Internet Communication	3	C	ITEC 362 Web Based Support Systems	PR- Supporting Course (Tech)
Semester Two (15 Credit Hours)				
CPT 244 Data Structures	3	C	UNEL 001T University Elective	PR-Elective 3
ENG 165 Professional Communications	3	C	MGMT 250 Professional Communication	PR-Supporting Course (Business)
CPT 242 Database	3	C	ITEC 265 Intro to Databases	PR- Supporting Course (Additional)
IST 226 Internet Programming	3	C	UNEL 001 University Elective	PR-Elective 4
PHI 105 Introduction to Logic	3	C	PHIL 114 Intro to Formal Logic I	CC-ARP
Semester Three (15 Credit Hours)				
CPT 237 Advanced JAVA Programming	3	C	ISCI 003T Information Science Elective	MR-Elective 3
CPT 247 UNIX Operating System	3	C	CSCE 215 UNIX/Linux Fundamentals	PR-Supporting Course (Additional)
IST 272 Relational Database	3	C	ISCI 002T Relational Databases (secondary articulation)	MR-Elective 4
CPT 262 Advanced Web Page Publishing	3	C	ISCI 002T Information Science Elective	MR-Elective 5
CPT 185 Event Driven Programming	3	C	UNEL 001T University Elective	PR-Elective 5
Semester Four (15 Credit Hours)				
CPT 264 Systems and Procedures	3	C	UNEL 002T University Elective	PR-Elective 6
PSY 201 General Psychology	3	C	PSYC 101 Intro to Psychology	CC-GSS
CPT 257 Operating Systems	3	C	CSCE 311 Operating Systems	PR-Elective 7
CPT 282 Information Systems Security	3	C	CSCE 201 Intro to Computer Security	PR-Elective 8
IST 235 Handheld Computer Programming	3	C	UNEL 001T University Elective	PR-Elective 9
Semester Five (15 Credit Hours)				
ISCI 201 Introduction to Information Science	3	C		MR
Carolina Core GHS	3			CC
ISCI 301 Info Storage and Retrieval	3	C		MR
STAT 110 Introduction to Statistical Reasoning or STAT 112 Statistics & the Media or STAT 201 Elementary Statistics or STAT 205 Elem. Statistics for the BIOL & LIFE Sci or STAT 206 Elementary Statistics for Business	3			CC-ARP
ENGL 102 Rhetoric and Composition	3	C		CC-CMW
Semester Six (15-16 Credit Hours)				
ISCI 202 Introduction to Info Lit & Tech or ISCI 310 Research Methods in Info Sci	3	C		MR
ISCI 250 Intro to Content Mgmt Systems & Info Design	3	C		MR
Professional Course (DEI)	3	C		PR-Supporting Courses (DEI)
Carolina Core GFL	3			CC-GFL
Carolina Core SCI	3-4			CC-SCI
Semester Seven (15-16 Credit Hours)				
ISCI 410 Knowledge Mgmt. or ISCI 415 Social Informatics	3	C		MR
ISCI 434 Intro to Knowledge Discovery	3	C		MR
Carolina Core SCI	3-4			CC-SCI
Carolina Core CMS	3			CC-CMS
Carolina Core GFL	3			CC-GFL

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Semester Eight (15 Credit Hours)				
ISCI 494 Independent Study in Info Sci or ISCI 496 Internship in Info Sci	3	C		MR
ISCI 560 Info Visualization	3	C		MR
Carolina Core VSR	3			CC-VSR
Carolina Core AIU	3			CC-AIU
Founding Documents Course (if needed)*	3			FD

***Founding Documents course can be satisfied with an overlay course or an individual course**

University Requirements: Bachelor's degree-seeking students must meet Carolina Core (general education) requirements. For more information regarding these requirements, please visit the Carolina Core page on the University website.

Codes:			
CC	Carolina Core	**CC-INF**	Carolina Core – Information Literacy
CC-AIU	Carolina Core-Aesthetic and Interpretive Understanding	**CC-INT**	Carolina Core – Integrative Course
CC-ARP	Carolina Core-Analytical Reasoning and Problem-Solving	**CC-SCI**	Carolina Core – Scientific Literacy
CC-CMS	Carolina Core-Effective, Engaged, and Persuasive Communication: Spoken Component	**CC-VSR**	Carolina Core – Values, Ethics, and Social Responsibility
CC-CMW	Effective, Engaged, and Persuasive Communication: Written Component	**CR**	College Requirement
CC-GFL	Carolina Core-Global Citizenship and Multicultural Understanding: Foreign Language	**MR**	Major Requirement
CC-GHS	Carolina Core – Historical Thinking	**PR**	Program Requirement
CC-GSS	Carolina Core – Social Sciences	**FD**	Founding Documents