

**B.S. in Computer Information Systems -
Accelerated Cyber Security Concentration
and Certificate/Accelerated CIS/MS Information Systems**

Degree Offered at the Tarleton-Waco Location

2025-2026 MCC-Tarleton State Advising Guide (w/ TCCNS Equivalents)

First two years is the MCC to Tarleton Course Mapping.

First two years course sequence is at the discretion of MCC in coordination with MCC advisors and faculty.



YEAR	TYPICAL FIRST SEMESTER					
F I R S T	MCC Course	Core Category	TCCNS Equivalent	MCC SCH	MCC Prereq or Coreq	Tarleton Course
	ENGL 1301 - Composition I	090	ENGL 1301	3	n/a	ENGL 1301 - Composition I
	HIST 1301 - United States History I	060	HIST 1301	3	n/a	HIST 1301 - United States History I
	Math elective	020	See Options	3	n/a	TSU Core - Mathematics ¹
	BCIS 1305 - Business Computer Applications	-	BCIS 1305	3	n/a	BCIS 1305 - Business Computer Applications
	Component Area Option elective	090	See Options	3	may vary	TSU Core - Core Component Option ¹ General Education Elective
	Total Hours			15		
TYPICAL SECOND SEMESTER						
	MCC Course	Core Category	TCCNS Equivalent	MCC SCH	MCC Prereq or Coreq	Tarleton Course
	Component Area Option: ENGL 1302 - Composition II	010	ENGL 1302	3	ENGL 1302	ENGL 1302 - Composition II
	Creative Arts elective	050	See Options	3	n/a	TSU Core: Creative Arts ¹
	HIST 1302 - United States History II	060	HIST 1302	3	n/a	HIST 1302 - United States History II
	Life & Physical Science elective	030	See Options	3	n/a	TSU Core - Life and Physical Science ¹
	Course not offered at MCC - Student will need to take course with Tarleton*	-	-	3	n/a	BCIS 1317 - Personal Computer Maintenance and Hardware
	Total Hours			15		

YEAR	TYPICAL FIRST SEMESTER					
S E C O N D	MCC Course	Core Category	TCCNS Equivalent	MCC SCH	MCC Prereq or Coreq	Tarleton Course
	GOVT 2305 - Federal Government	070	GOVT 2305	3	n/a	GOVT 2305 - Federal Government
	Speech elective	010	See Options	3	n/a	TSU Core: Communications ¹
	Language, Philosophy & Culture elective	040	See Options	3	n/a	TSU Core: Language, Philosophy, & Culture ¹
	Social & Behavioral Science elective	080	See Options	3	n/a	TSU Core - Social & Behavioral Sciences ¹
	Life & Physical Science elective	030	See Options	3	n/a	TSU Core - Life and Physical Science ¹
	Total Hours			15		
	TYPICAL SECOND SEMESTER					
MCC Course	Core Category	TCCNS Equivalent	MCC SCH	MCC Prereq or Coreq	Tarleton Course	
GOVT 2306 - Texas Government	070	GOVT 2306	3	n/a	GOVT 2306 - Texas Government	
Elective	-	-	3	may vary	Elective ²	
Elective	-	-	3	may vary	Elective ²	
Elective	-	-	3	may vary	BCIS or COSC Elective ²	
Elective	-	-	3	may vary	BCIS or COSC Elective	
Total Hours			15			
	Total MCC Hours:			60		
Student should speak with their MCC Advisor about what additional courses they need to complete in order to earn their associates degree.						

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Dr. Sam Pack College of Business

B.S. in Computer Information Systems -

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Second two years at Tarleton-Waco in coordination with Tarleton advisors and faculty.



YEAR	FIRST SEMESTER					
T H I R D	TSU Requirement	Core Category	TCCNS Equivalent	Credit Hours	Pre-Req or Co-Req	Semester offered
	BCIS 3333 - C# Programming or BCIS 3332 - Java Programming ³	-	-	3	None	F, SP
	CRIJ 3315 - Rules of Criminal Evidence ³	-	-	3	None	F, SP, SU
	BUSI 3312 - Business Communication (WI) or ENGL 3309 - Technical Writing (WI) ³	-	-	3	See Options	Varies
	BCIS 4342 - Ethical Hacking and Network Defense ³	-	-	3	Prereq: Junior Standing or the approval of the instructor or department head	Varies
	MGMT 3300 - Principles of Management ³	-	-	3	None	F, SP, SU
	Total Hours			15		
S E C O N D	SECOND SEMESTER					
	TSU Requirement	Core Category	TCCNS Equivalent	Credit Hours	Pre-Req or Co-Req	Semester offered
	BCIS 3343 - Advanced C# Programming or BCIS 3342 - Advanced Java Programming	-	-	3	Prereq: BCIS 3333 or BCIS 3332	F, SP
	BCIS 3347 - Data Communications ³	-	-	3	None	F, SP
	CRIJ 4353 - Global Cyber-Security ³	-	-	3	None	SP
	BCIS 4320 - Computer Forensics ³	-	-	3	Prereq: Junior Standing or the approval of the instructor or department head	SP
	MKTG 3312 - Marketing ³	-	-	3	None	F, SP, SU
Total Hours			15			

YEAR	FIRST SEMESTER					
F O U R T H	TSU Requirement	Core Category	TCCNS Equivalent	Credit Hours	Pre-Req or Co-Req	Semester offered
	BCIS 3389 - System Analysis and Design (WI) ³	-	-	3	Prereq: BCIS 3333 or BCIS 3332	F, SP
	BCIS 4350 - Management Information Systems ³	-	-	3	Prereq: BCIS 1305	F, SP, SU
	BCIS 3315 - Web Site Development and Design ³	-	-	3	None	F, SP, SU
	BCIS 4316 - Managing IT Projects ³	-	-	3	Prereq: BCIS 3389 and BCIS 1305	Varies
	ACCT 3300 - Accounting Concepts ³	-	-	3	See Options	F, SP, SU
	Total Hours			15		
F I F T H	SECOND SEMESTER					
	TSU Requirement	Core Category	TCCNS Equivalent	Credit Hours	Pre-Req or Co-Req	Semester offered
	BCIS 4345 - Network and Systems Security ³	-	-	3	Prereq: BCIS 3347 or approval of department head	SP, SU
	BCIS 4385 - Professional Development Seminar ³	-	-	3	Prereq: 24 credit hours of BCIS/CIS	Varies
	BCIS 4301 - Data Base Theory and Practice ³	-	-	3	Prereq: BCIS 3333 or BCIS 3332	F, SP
	BCIS 5000 Elective ³	-	-	3	See Options	Varies
	BCIS 5311 - Managing Information Systems ³	-	-	3	None	Varies
Total Hours			15			
Total MCC-Tarleton Program Hours:			120			

Footnotes:

1 - See Tarleton website for options for this core category: <https://www.tarleton.edu/generaleducation/core-categories/>

2 - Consult the Tarleton Catalog and current course schedule for Elective and Advanced Elective options. You may also contact your academic advisor for additional questions.

3 - Students must maintain a minimum 2.0 overall GPA in all upper-division work undertaken and a minimum grade of "C" or better in each course in the BBA core and major to remain in good standing.