Prepared for: Braden Bowman on 02/28/2024
DID#: TEYXIVHQ
Parchment Student ID: 56164034
Student SSN: 8108
Page 1 of 5

Kathleen L. Schnier, Ph.D

Kathleen L. Schnier, Ph.D, Provost

Date: 2/28/2024

Colorado Technical University

1575 Garden of the Gods Rd, Suite 100
Colorado Springs, CO 80907

Student: Braden Bowman	**SSN:** xxx-xx-8108		**LDA:** 2/4/2024
Address: 12114 Wayland St Oakton, VA 22124	**Student #:** 27739953		

Grade History

Course Code	Course Description	Credits Attempted	Credits Earned	Grade	Quality Points
Program:	**Master of Science in Computer Science**				
Enrollment#: BO22075834	**Enroll Status:** **Transfer to Other Program**				
Start Date: 8/9/2022	**LDA:** 8/9/2022				
Term: CHALL	**Challenge Examination**				
CS503	Programming Languages and Data Structures	0.00	0.00	PR	0.00
CS505	Discrete Math and Computer Algorithms	0.00	0.00	PR	0.00
		0.00	0.00		0.00
Term GPA: 0.00	**Cum GPA:** 0.00				
	GPA: 0.00	0.00	0.00		

Master of Science in Computer Science

Concentration(s): MSCS- Data Science

Course Code	Course Description	Credits Attempted	Credits Earned	Grade	Quality Points
Program:	**Master of Science in Computer Science**				
Enrollment#: BO22082680	**Enroll Status:** **Withdraw**				
Start Date: 8/9/2022	**LDA:** 9/11/2022				
Term: N/A					
♦ CS503	Programming Languages and Data Structures	0.00	0.00	PR	0.00
♦ CS505	Discrete Math and Computer Algorithms	0.00	0.00	PR	0.00
					0.00
Term GPA:	**Cum GPA:**				

** Indicates Retaken Course
R* Indicates Retaken Override

Not official unless signed.

# Indicates Pass/Fail Course
♦ Indicates Associated Course

Kathleen L. Schnier, Ph.D

Kathleen L. Schnier, Ph.D, Provost

Date: 2/28/2024

Colorado Technical University

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1575 Garden of the Gods Rd, Suite 100
Colorado Springs, CO 80907

Student:	Braden Bowman		SSN:	xxx-xx-8108	LDA:	2/4/2024
Address:	12114 Wayland St		Student #:	27739953		
	Oakton, VA 22124					

Grade History

Course Code	Course Description	Credits Attempted	Credits Earned	Grade	Quality Points
Term: A2204P	**Parent Term 4 A-2022**	**8/9/2022**	**10/24/2022**		
CS630	Modern Operating Systems	4.00	4.00	A	16.00
		4.00	4.00		16.00

Term GPA: 4.00   **Cum GPA:** 4.00

| | | GPA: 4.00 | 4.00 | 4.00 | |

Master of Science in Computer Science
Concentration(s): MSCS- Data Science

Program:	**Master of Science in Computer Science**		
Enrollment#:	**BO22126305**	**Enroll Status:**	**Graduate**
Start Date:	**1/17/2023**	**Grad Date:**	**2/5/2024**

Degrees awarded for Master of Science in Computer Science enrollment

Degree	Date Awarded	Comments
Master's	02/05/2024	

Course Code	Course Description	Credits Attempted	Credits Earned	Grade	Quality Points
Term: N/A					
♦ CS503	Programming Languages and Data Structures	0.00	0.00	PR	0.00
♦ CS505	Discrete Math and Computer Algorithms	0.00	0.00	PR	0.00
♦ CS630	Modern Operating Systems	4.00	4.00	A	16.00
					16.00

Term GPA: **Cum GPA:**

Course Code	Course Description	Credits Attempted	Credits Earned	Grade	Quality Points
Term: A2301P	**Parent Term 1 A-2023**	**1/17/2023**	**3/27/2023**		
CS627	Design and Analysis of Algorithms	4.00	4.00	B+	13.20
CS635	Computer Networking	4.00	4.00	A	16.00
		8.00	8.00		29.20

Term GPA: 3.65   **Cum GPA:** 3.77

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DID#: TEYXIVHQ
Parchment Student ID: 56164034
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Kathleen L. Schnier, Ph.D

Kathleen L. Schnier, Ph.D, Provost

Date: 2/28/2024

Colorado Technical University

1575 Garden of the Gods Rd, Suite 100
Colorado Springs, CO 80907

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Student:	Braden Bowman	SSN: xxx-xx-8108	LDA: 2/4/2024	
Address:	12114 Wayland St
Oakton, VA 22124	Student #: 27739953		

Grade History

Course Code	Course Description	Credits Attempted	Credits Earned	Grade	Quality Points
Term: A2302P	**Parent Term 2 A-2023**	**4/4/2023**	**6/12/2023**		
CS651	Computer Systems Security Foundations	4.00	4.00	A	16.00
CS660	Database Systems	4.00	4.00	A	16.00
		8.00	8.00		32.00
Term GPA: 4.00	Cum GPA: 3.86				
Term: A2303P	**Parent Term 3 A-2023**	**6/13/2023**	**8/28/2023**		
CS631	Digital Forensics	4.00	4.00	A	16.00
CS672	Systems Engineering Methods	4.00	4.00	A	16.00
		8.00	8.00		32.00
Term GPA: 4.00	Cum GPA: 3.90				
Term: A2304P	**Parent Term 4 A-2023**	**8/29/2023**	**11/6/2023**		
CS641	Software Requirements Engineering	4.00	4.00	A	16.00
CS644	Computer Systems Architecture	4.00	4.00	A	16.00
		8.00	8.00		32.00
Term GPA: 4.00	Cum GPA: 3.92				
Term: A2305P	**Parent Term 5 A-2023**	**11/14/2023**	**2/5/2024**		
CS649	Software Design	4.00	4.00	B+	13.20
CS671	Software Systems Engineering Process	4.00	4.00	A	16.00
CS698	Computer Science Capstone	4.00	4.00	B+	13.20
		12.00	12.00		42.40
Term GPA: 3.53	Cum GPA: 3.83				
	GPA: 3.83	48.00	48.00		

Master of Science in Computer Science

Concentration(s): MSCS - Software Engineering

Kathleen L. Schnier, Ph.D

Colorado Technical University

Kathleen L. Schnier, Ph.D, Provost

Date: 2/28/2024

Colorado Technical University

1575 Garden of the Gods Rd, Suite 100
Colorado Springs, CO 80907

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Student: Braden Bowman	**SSN:** xxx-xx-8108	**LDA:** 2/4/2024
Address: 12114 Wayland St Oakton, VA 22124	**Student #:** 27739953	

Grade History

Course Code	Course Description	Credits Attempted	Credits Earned	Grade	Quality Points

Authorized Signature:
Kathleen Schnier, Ph.d
Provost

Kathleen L. Schnier, Ph.D.

*** End of Transcript ***

Date February 28, 2024

** Indicates Retaken Course
R* Indicates Retaken Override

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# Indicates Pass/Fail Course
♦ Indicates Associated Course

Kathleen L. Schnier, Ph.D

Colorado Technical University

Colorado Technical University

THIS DOCUMENT IS OFFICIAL ONLY IF IT BEARS THE OFFICIAL UNIVERSITY SIGNATURE AND SEAL.

ACCREDITATION
Colorado Technical University is accredited by the Higher Learning Commission and is a member of the North Central Association of Colleges and Schools. As of July 21, 1997, Huron University in Sioux Falls became Colorado Technical University in Sioux Falls (closed March 31, 2017). As of February 1, 2005, Sanford Brown College in North Kansas City became Colorado Technical University in North Kansas City (closed June 30, 2014). As of September 30, 2014, Colorado Technical University in Pueblo closed. As of September, 30, 2015, Colorado Technical University in Westminster closed.

DEGREES
Colorado Technical University is authorized to confer degrees at the Associate, Bachelor, Master, and Doctorate levels.
A minimum cumulative grade point average of 2.0 is required for graduation in the Undergraduate programs, 3.0 for the Master's program, and 3.3 for the Doctorate programs (as of October 1, 2007; was 3.5 prior to this date).

COLORADO TECHNICAL UNIVERSITY CREDIT
Undergraduate preparatory courses are numbered 0-99 and do not count toward graduation.
Undergraduate credit courses are numbered 100-499.
Master's foundation courses (not counted toward the degree) are numbered 500-599. Master's credit courses are numbered 600-699
Doctorate credit courses are numbered 700-899.
All credits are in quarter credit hours, with the exception of CTU-Sioux Falls credits earned prior to October 1997, which are in semester hours.

TRANSFER CREDIT
Transfer Credits will show with a non-quality grade (does not affect GPA) of TC. Transfer credit is only given for courses completed with C or better for undergraduates, B or better for graduates.
HONORS (awarded to Undergraduate students only)

BS   Summa Cum Laude – CGPA of 3.9 – 4.0 (Prior to September 2003 Colorado Springs and Denver: 3.75 – 4.0)
          Magna Cum Laude – CGPA of 3.75 – 3.89
          Cum Laude – CGPA of 3.5 – 3.74

AS   Highest Honors – CGPA of 3.75 – 4.0
          Honors – CGPA of 3.5 – 3.74

Honors awarded upon graduation in a Diploma program
President/Chancellor List, undergraduate, fulltime student, Quarterly GPA of 4.0
Deans List, fulltime student, Quarterly GPA of 3.5-3.99 with no grade lower than a "C"
Academic Distinction List, part time undergraduate (6-11 credits) students, Quarterly GPA of 4.0

GRADE SCALE

Grade	Equivalent Points			Non-Quality Grade (Does not affect GPA)
Quality Grade (Affects GPA)			WI	Withdrawn/Incomplete*
A	4		L	Audit-no grade association*
A-	3.7		I	Incomplete
B+	3.3		INC	Incomplete**
B	3		IP	In Progress
B-	2.7		WI	Withdrawn with no grade established
C+	2.3		WP	LOA/Withdrawn passing*
C	2		P/F	Pass/Fail
C-	1.7		IP	In Progress-limited course extension*
D+	1.3		IX	In Progress-no registered extension*
D	1		S	Satisfactory-indicates satisfactory progress in Thesis/Dissertation***
D-	0.7*		U	Unsatisfactory-indicates unsatisfactory progress in Thesis/Dissertation
F	0		NP	No Pass
WF	0.0*	Withdrawn-Failing	P	Pass
			FD	Fail Developmental
*This grade used prior to 1/1/2011 grade scale			PD	Pass Developmental
**This grade used 11/18/2012 grade scale and after			AU	Audit
***This graduate used prior to 11/18/2012 grade scale			PR	Proficiency Credit
			TC	Transfer Credit

Revised 5/31/2016