

**MOUNT WACHUSETT COMMUNITY COLLEGE**  
**and**  
**FITCHBURG STATE UNIVERSITY**

Mount Wachusett Community College and Fitchburg State University agree to enter into an articulation agreement in the following academic discipline:

*Computer Science Transfer  
and  
Computer Science*


This agreement is set forth by Mount Wachusett Community College and Fitchburg State University in an effort to delineate a transfer student's best options in course selection. This document outlines advising recommendations, curriculum options, and course equivalencies where they exist. It signifies the ongoing commitment between these two institutions of higher education to promote coordinated curricula of the highest quality. As such, it bears with it the commitment of our respective faculty, and administrative staff to strengthen these ties and address the needs of our students in a mutually beneficial manner.

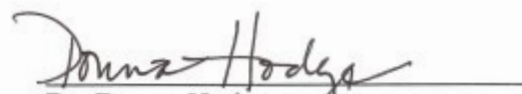
Students graduating from the Mount Wachusett Community College in the Computer Science Transfer (CSS) program with a qualitative grade point average of 2.0 or greater may transfer to the Fitchburg State University Computer Science program between 62 and 75 transfer credits.

Acknowledging that students may transfer from a wide variety of majors, this agreement does not prohibit transfer to, or from, other programs of study at either institution. This agreement outlines the optimal transfer route from Mount Wachusett Community College to Fitchburg State University for students pursuing a career in the field of Computer Science.

This articulation agreement does not supersede or in any way alter the statewide MassTransfer agreements currently in existence. Similarly, students taking advantage of the MassTransfer are encouraged to utilize these articulation agreements in preparation for their transfer to Fitchburg State University.

Signed on this day, November 14, 2024

  
\_\_\_\_\_  
Dr. James Vander Hooven  
President  
Mount Wachusett Community College

  
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Dr. Donna Hodge  
President  
Fitchburg State University

# TRANSFER ARTICULATION AGREEMENT

Between

Mount Wachusett Community College

and

Fitchburg State University

in

Computer Science Transfer

(CSS)

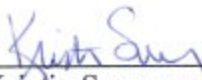
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Computer Science


This agreement is effective as of September 2024 and will remain in effect until September 2027, with the provision that the terms specified herein will continue to apply to graduates who transfer from Mount Wachusett Community College to Fitchburg State University, within one year of the expiration of this agreement. The faculty at both institutions agree to meet annually to review the agreement and discuss modifications.

For: **Mount Wachusett Community College**

For: **Fitchburg State University**



Dr. Kristin Sweeney  
Dean, School of Business, Science,  
Technology, and Math



Dr. Nadimpalli Mahadev  
Department Chairperson, Computer  
Science



Dr. Ana M. Gaillat  
Sr. Vice President of Academic Affairs



Dr. Patricia Marshall  
Provost and Executive Vice President



444 Green Street, Gardner, MA 01440-1000

### Mount Wachusett Community College and Fitchburg State University Associate to Bachelor Completion Degree Plan Table for Computer Science



Mount Wachusett Community College Computer Science (CSS)*			Fitchburg State University Computer Science		
Credits			Credits		
3	CIS 150	Computer Science I	3	CSC 1500	Computer Science I
3	ENG 101	College Writing I	3	ENGL 1100	Writing I, W
4	MAT 211	Calculus I	4	MATH 2300	Calculus I, QR
3	MAT 143	Statistics	3	MATH 1800	Business Statistics, QR
4		Lab Science Elective** (recommendations below)	4		Lab Science Elective
3	CIS 152	Computer Science II	3	CSC 1550	Computer Science II
3	ENG 102	English Composition II	3	ENGL 1200	Writing II, WIL
4	MAT 212	Calculus II	4	MATH 2400	Calculus II, AIA, PL
3	MAT 180	Discrete Mathematics	3	MATH 1900	Discrete Mathematics, PL
4		Lab Science Elective**	4		Lab Science Elective
3	CIS 250	Systems Programming	3	CSC 2560	Systems Programming
4	MAT 220	Linear Algebra	4	MATH 2600 + MATH 1990	Linear Algebra, AIA, PL plus elective
3		Humanities Elective	3		Humanities Elective
3		Social Science Elective	3		Social Science Elective
3	CIS 252	Algorithms and Data Structures	3	CSC 3700	Algorithms and Data Structures
3	CIS 224	Database Design and Implementation	3	CSC 3011	Data Modeling and Database Design
3	SPC 113	Speech	3	SPCH 1000	Introduction to Speech Communication, WS
3		History Elective	3		History Elective
3		Literature Elective	3		Literature Elective
62	Total credits for associate degree		62	Transferred credits	
			<b>Four-year courses to be completed at Fitchburg State University</b>		
			4	CSC 1650	Digital Electronics
			4	CSC 2600	Computer Organization
			3	CSC 3050	Web Programming
			3	CSC 3100	Operating Systems
			3	CSC 3200	Programming Languages
			3	CSC 4100	Ethics and Impacts of Computing Solution
			3	CSC 4400	Software Engineering
			12	4 CSC electives at 3000 – 4000 level	
			3	MATH 2800	Introduction to Mathematical Analysis

