Articulation Agreement

Roxbury Community College
and
Wentworth Institute of Technology

Roxbury Community College (RCC) and Wentworth Institute of Technology (WIT) hereby enter into an agreement (the "Agreement") to facilitate the transfer of students enrolled in the Associate of Science degree in Engineering at RCC to the Bachelor of Science in Civil and Mechanical Engineering programs at WIT.

Objectives:

1. To attract qualified students from Roxbury Community College for the successful transfer of students enrolled in the Associate of Science in Engineering Degree at RCC to the bachelor's degree in civil engineering or mechanical engineering in the School of Engineering at WIT.
2. To provide specific information and guidelines for transfer students
3. To encourage admissions, academic, and transfer coordination and cooperation between both institutions

Stipulations:

1. This agreement applies to matriculating Roxbury Community College students who have earned and obtained an Associate of Science degree in Engineering with a minimum GPA of 2.5.
2. Roxbury students who meet the requirements will receive their course credits from the Associate of Science degree in Engineering as a package of transfer credit and have the remainder of the courses specific to the Bachelor of Science in Civil Engineering or Mechanical Engineering to complete.

Mutual Responsibilities:

1. Both institutions agree to maintain current listings of the course equivalencies. This will be the responsibility of the two designated representatives on behalf of each institution.
2. Roxbury Community College and Wentworth Institute of Technology will incorporate a summary of this agreement into official publications and websites upon mutual agreement on the language.
3. Roxbury Community College and Wentworth Institute of Technology agree to encourage qualified students to participate in this program by providing information, transfer advising, and other assistance required to foster a seamless transition between institutions.

Eligibility for Admissions:
Students in RCC's Associate of Science degree in Engineering program will be admitted into the Bachelor of Science degree in Civil or Mechanical program who have met the requirements set forth in this Agreement, contingent upon the following:

Degree Completion:
Successful completion of the Roxbury Community College Associate of Science degree in Engineering program, as evidenced by an official transcript reflecting a conferred associate degree.

Combined BS/ MS Pathway:
Transferring to the School of Engineering for a Bachelor of Science degree opens pathways to graduate programs. Students enrolled in the Bachelor of Science (BS) in Civil Engineering and Mechanical Engineering programs are eligible for automatic admission into the Master of Science (MS) in Civil or Mechanical Engineering, respectively, provided they meet the set conditions. Currently, the set condition for automatic admission is a minimum GPA of 3.0.

Application Process:
To be admitted to the Bachelor of Science in Civil Engineering or Mechanical Engineering program, students must submit a transfer student application and all official college transcripts. RCC students will receive the following application benefits based on the articulation agreement: Application Fee Waiver

Review/Revision:
Designated representatives from each institution will evaluate and review this agreement every two years. Substantive changes in the courses or programs of either institution will require a full review of this articulation agreement. Revisions will be implemented with one year's notice prior to termination of the agreement.

Curriculum and Program:
Students must complete at least 50% of the total credits for degree completion in residency at Wentworth Institute of Technology.

Transfer Scholarship :

1. Phi-Theta Kappa Transfer Scholarship.
2. Founder Transfer Award Scholarship

Reverse Articulation:
Students transferring to Wentworth Institute of Technology from Roxbury Community College prior to earning an RCC associate degree can apply academic credits earned at WIT toward completion of an associate degree from RCC.

The decision to pursue a reverse transfer rests solely with the student and must be declared within two academic years of 1st enrollment at WIT.

It is the responsibility of the student to notify their WIT transfer advisor of their intent to apply for a reverse transfer and to send their WIT transcripts to RCC to earn the associate degree. Please note that it is the student's responsibility to pay for their transcripts to be sent to RCC, which will trigger the review of the student.

Eligibility

1. Eligible students are all students who, prior to transferring to WIT, have earned at least 15 credits at RCC, and are enrolled in a degree-seeking program at WIT.
2. Only students pursuing specified RCC programs and transferring to specific WIT programs are eligible for reverse articulation

Articulation Agreement

Institution: Roxbury Community College
Transfer Institution: Wentworth Institute of Technology

Students completing their Associate Degree in Engineering at Roxbury Community College will transfer the courses within their Associate's degree as long as a minimum grade of C is achieved.

This Agreement is not assignable and may not be amended, revised, or modified, except in writing executed by all parties. Students admitted to the Roxbury Community College's Associate in Engineering program prior to such notification shall be admitted to Wentworth on the basis of this Agreement.

Roxbury Community College

Table 1: Roxbury Associates' degree in engineering

ENGINEERING (AS)

61 Credit Hours - Program Code: SSCEG

This program is designed to give students who are talented in the physical sciences a strong background in mathematics, chemistry, and physics. Students graduating with a Pre-Engineering concentration can gain employment as technicians at high-technology firms or can transfer to a four-year college or university to complete a baccalaureate degree. This pro- gram is excellent for students who want to be engineers. Our focus is on mathematical problem solving, which prepares you for a competitive career in industry. For more information about this program, contact the Science, Technology, Engineering, and Math Division (STEM), 3-401.

COURSE NUMBER	COURSE TITLE	PREREQUISITIES	CREDIT HOURS
First Semester			**16 credit hours**
ACS 102	The College Experience		3
ENG 101	English Composition I	Placement or ENG 099	3
MAT 103	Pre-Calculus	Placement	4
SSI	Social Science Elective		3
EGR 120	Engineering Computations I	Pre-Calculus (MAT 103) Concurrent	3
Second Semester			**13 credit hours**
ENG 102	English Composition II	English Composition I (ENG 101)	3
MAT 201	Calculus I (W/Applc)	Pre-Calculus (MAT 103) or Placement	4
EGR 121	Engineering Design	Pre-Calculus (MAT 103) or concurrent	3
HUM	Humanities Elective		3
Third Semester			**15 credit hours**
MAT 203	Calculus II (W/Appl)	Calculus I (W/Applc) (MAT 201)	4
SCI 123	Principles of Chemistry I	MAT 103 corequisite, English Composition I (ENG 101) Eligible	4
SCI 143	Principles of Physics I	Calculus I (W/Applc) (MAT 201) Concurrent	4
SSI	Social Science Elective		3
Fourth Semester			**17 credit hours**
MAT 205	Calculus III (W/Appl)	Calculus II (W/Appl) (MAT 203)	4
SCI 144	Principles of Physics II	Principles of Physics I (SCI 143)	4
HUM/ENG/LAN	Humanities, English or Language Elective		3
OPEN ELECTIVES	Open Electives, 2 courses*		6

*Open Elective courses: SCI 133 (Environmental Science), EGR 210 (Statics), or EGR 135 (Engineering Fundamentals) strongly recommended. Also EGR 131 (Direct Current Circuits w/ Lab), EGR 132 (Alternating Current Circuits w/ Lab), and EGR 133 (Digital Logic Circuits w/ Lab).

Table 2: Transfer credits Between Roxbury and Wentworth for Civil Engineering

(Requirements are subject to the Academic Catalog in the student's year of entry)

Wentworth Courses in first and second year			Roxbury Community College Courses		
First Year - Fall Semester		Credits	Equivalent Courses		Credits
CHEM1100	GENERAL CHEMISTRY I	4	SCI123	Prin. of Chem I w/LAB	4
ENGR1100	INTRODUCTION TO ENGINEERING EXPERIENCE	2	ACS102	The College Experience	3
ENGR1203	ENGINEERING LABORATORY-BSCE	2		Two extra credits from EGR120+EGR121	
MATH1776	CALCULUS 1A	2	MAT201	Calculus I	4
MATH1777	CALCULUS 1B	2			
English Sequence*		4	ENG 101	English Comp. I	3
	Credits	16			
First Year - Spring Semester					
ENGR1300	FIRST-YEAR ENGINEERING DESIGN	2	EGR121	Engineering Design	3
ENGR1403	APPLIED ENGINEERING ANALYSIS-BSCE	2	EGR120	Engineering Comp I	3
MATH1876	CALCULUS 2A	2	MAT203	Calculus II	4
MATH1877	CALCULUS 2B	2			
PHYS1250	ENGINEERING PHYSICS I	4	SCI143	Prin. of Phys I w/LAB	4
English Sequence*		4	ENG 102	English Comp. II	3
	Credits	16			
Sophomore Year - Fall Semester					
CIVE2000	STATICS & MECHANICS MATERIALS I	3	EGR 210	Statics	3
CIVE2205	INTRODUCTION TO GEOMATICS	4		Students will need to take CIVE 2205 at Wentworth	
CHEM1600/PHYS 17	GENERAL CHEMISTRY II/ Engineering Physics II	4	SCI144	Prin. of Phys II w/LAB	4
MATH2025	MULTIVARIABLE CALCULUS	4	MAT205	Calculus III	4
	Credits	15			
Sophomore Year - Spring Semester					
CIVE2300	CAD IN CIVIL ENGINEERING	3		Students will need to take CIVE 2300, CIVE 2400, CIVE 2500, MATH 2600, MGMT 3200 at Wentworth. Since the students have taken some HUS credits which WIT students take in the third and fourth year, these classes will replace the HUS classes.	
CIVE2400	CIVIL ENGINEERING MATERIALS	3			
CIVE2500	STATICS & MECHANICS MATERIALS II	4			
MATH2600	DIFFERENTIAL EQUATIONS & LINEAR SYSTEMS	4			
MGMT3200	ENGINEERING ECONOMY	3			
	Credits	17			

Note: The courses marked in red are the first- and second-year courses that need to be taken at Wentworth. These courses are included in the Plan of Study in Table 3. Please note that Wentworth requires 20 credits of English, Humanities, and Social Science courses. It is recommended that students take EGR 210 Statics as one of the open electives to meet the prerequisites of Wentworth junior year courses. It is also recommended to take any Humanities or Social Science course as their second open elective to complete the Wentworth English, Humanities, and Social Science requirements

Table 3: Recommended Program Plan of Study to Complete a Bachelor of Science in Civil Engineering at Wentworth after completing an A.S. in Engineering at Roxbury Community College

(Requirements are subject to the Academic Catalog in the student's year of entry)

Yr.	Fall 2025					Spring 2026					Summer 2026				
	Course		R	L	C						Course		R	L	C
3	CIVE3000	Fluid Mechanics	3	2	4	Co-Op Work Term I Coop3500					CIVE3700	Highway Engineering	3	2	4
	CIVE3100	Environmental Engineering	3	2	4						CIVE3900	Hydraulics Engineering	3	2	4
	CIVE2500	Statics and Mechanics II	3	2	4						CIVE3200	Structural Analysis	2	4	4
	CIVE3300	Soil Mechanics	3	2	4						MGMT3200	Engineering Economy	3	0	3
	CIVE2205	Introduction to Geomatics	2	4	4							Civil Engineering Elective	3	0	3
		Total:			20							Total:			18
	Fall 2026					Spring 2027					Summer 2027				
						Course		R	L	C	Course		R	L	C
4	Co-Op Work Term 2 Coop4500					CIVE4000	Civil Engineering Design	1	6	4	CIVE5500	Civil Engineering Capstone	1	6	4
							Civil Engineering Elective	3	0	3	MATH2100	Probability and Statistics	4	0	4
						MATH 2600	Differential Eq & Linear Systems	4	0	4		Free Elective	3	0	3
						CIVE2300	CAD in Civil Engineering	1	4	3		Free Elective	3	0	3
						CIVE2400	Civil Engineering Materials	3	0	3	ENGR 2100	Program	3	2	4
									Total:	17				Total:	18

Table 4: Transfer credits Between Roxbury and Wentworth for Mechanical Engineering

(Requirements are subject to the Academic Catalog in the student's year of entry)

Wentworth Courses in first and second year			Roxbury Community College Courses		
First Year - Fall Semester		Credits	Equivalent Courses		Credits
PHYS1250	ENGINEERING PHYSICS I	4	SCI143	Prin. of Phys I w/LAB	4
ENGR1100	INTRODUCTION TO ENGINEERING EXPERIENCE	2	ACS102	The College Experience	3
ENGR1206	ENGINEERING LABORATORY-BSCE	2		Two extra credits from EGR120+EGR121	
MATH1776	CALCULUS 1A	2	MAT201	Calculus I	4
MATH1777	CALCULUS 1B	2			
English Sequence*		4	ENG 101	English Comp. I	3
	Credits	16			
First Year - Spring Semester					
ENGR1300	FIRST-YEAR ENGINEERING DESIGN	2	EGR121	Engineering Design	3
ENGR1406	APPLIED ENGINEERING ANALYSIS-BSCE	2	EGR120	Engineering Comp I	3
MATH1876	CALCULUS 2A	2	MAT203	Calculus II	4
MATH1877	CALCULUS 2B	2			
PHYS1250	ENGINEERING PHYSICS I	4	SCI144	Prin. of Phys II w/LAB	4
English Sequence*		4	ENG 102	English Comp. II	3
	Credits	16			
Sophomore Year - Fall Semester					
MECH 2000	ENGINEERING STATICS	4	EGR 210	Statics	3
MECH2300	ENGINEERING GRAPHICS	3		Students will need to take CIVE 2205 at Wentworth	
ELEC2799	CIRCUIT THEORY AND APPLICATION	3		Students will need to take ELEC 2799 at Wentworth	
MATH2025	MULTIVARIABLE CALCULUS	4	MAT205	Calculus III	4
	HSS Elective	19		Humanities Elective + Humanities Elective	6
	Credits	14			
Sophomore Year - Spring Semester					
MECH2250	ENGINEERING THERMODYNAMICS I	4		Students will need to take MECH 2250 at Wentworth	
MECH2500	MECHANICS OF MATERIALS	4		Students will need to take MECH 2500 Wentworth	
CHEM1100	GENERAL CHEMISTRY I	4	SCI123	Prin. of Chem I w/LAB	4
MATH2600	DIFFERENTIAL EQUATIONS & LINEAR SYSTEMS	4		Students will need to take MATH 2600 at Wentworth	
	Credits	16			

Note: The courses marked in the red are the first- and second-year courses that need to be taken at Wentworth. These courses are included in the Plan of Study in Table 3. Please note that Wentworth requires 20 credits of English, Humanities, and Social Science courses. It is recommended that students take EGR 210 Statics as one of the open electives to meet the prerequisites of Wentworth junior year courses. It is also recommended to take any Humanities or Social Science course as their second open elective to complete the Wentworth English, Humanities, and Social Science requirements

Bachelor of Science in Mechanical Engineering (BSME)

Table 5: Recommended program plan of study to complete a Bachelor of Science in Mechanical Engineering at Wentworth after completing A.S. in Engineering at Roxbury Community College

(Requirements are subject to the Academic Catalog in the student's year of entry)

Year	Fall 2025					Spring 2026	Summer 2026				
	Course		R	L	C		Course		R	L	C
	MECH2250	Engr. Thermodynamics I	3	2	4		MECH3600	Material Science	3	2	4
	MECH2500	Mechanics of Materials	3	2	4	Co-Op Work Term I	MECH2750	Engineering Thermodynamics II	3	2	4
3	MATH2600	Differential Eq & Linear Syst.	4	0	4	Coop3500	MECH3100	Engineering Fluid Mechanics	3	2	4
	MECH2300	Engineering Graphics	1	4	3		MECH3850	Engineering Dynamics	4	0	4
		Free Elective	3	0	3			Technical Elective	3	0	3
				Total:	18					Total:	19

	Fall 2026	Spring 2027					Summer 2027				
		Course		R	L	C	Course		R	L	C
		MECH4000	Mechanical Vibration	3	0	3	MECH 3900	Engineering Heat Transfer	4	0	4
	Co-Op Work Term 2	MECH4200	Simulation-Based Design	2	4	4	MECH 3000	Design of Machine Elements	3	2	4
4	Coop4500	MECH5000	Mech Engr Capstone Analysis	1	4	3	MECH5000	Mech Engr Capstone Design	1	6	4
		MATH2100	Prob. & Stat for Engineers	4	0	4	ELEC 2799	Circuit Theory and Analysis	2	2	3
			Technical Elective	3	0	3		Free Elective	3	0	3
					Total:	17				Total:	18

TERM, TERMINATION, AND TEACH-OUT

This term of this Agreement shall be from Sept 1, 2025, to Sept 1, 2027, unless otherwise terminated in accordance with this Agreement.

A. Without Cause. This Agreement may be terminated without cause by either party by giving written notice to the other at least thirty (30) calendar days prior to the effective date of termination stated in the notice.

B. With Cause. If either Party breaches any material term or condition stated herein or fails to perform or fulfill any material obligation required by this Agreement, the nonbreaching party may terminate this Agreement by giving written notice to the alleged breaching party stating the circumstances of the breach at least seven (7) calendar days before the effective date of termination stated in the notice. Notwithstanding the foregoing, the notice of termination provided by the nonbreaching party may state a period during which the alleged breach may be cured by the breaching party, which cure shall be subject to approval by the nonbreaching party. In the event of a breach, the breaching party may be subject to any and all applicable contract rights and remedies available to the University. Applicable statutory or regulatory penalties may also be imposed.

Notwithstanding Sections A and B above, if this Agreement is terminated for any reason while students are participating in the program, all rights and privileges provided under this Agreement to currently enrolled students in the program in Nursing shall continue until the end of the semester in which termination of this Agreement occurs.

Wentworth Institute of Technology's designated representative will be Dean Ali Khabari. Roxbury Community College's representative will primarily be Evan Desatnick, Coordinator of Transfer & Articulation.

This Agreement constitutes the entire understanding between the Parties and with respect to the subject matter governed herein, and shall not be deemed to be waived, added to or modified orally; and no waiver, addition, modification, or amendments shall be valid unless in writing, and signed by the authorized representatives of the parties hereto.

The laws of the Commonwealth of Massachusetts, without giving effect to its conflicts of law principles, govern all matters arising out of or relating to this Agreement and all of the transactions it contemplates, including, without limitation, its validity, interpretation, construction, performance, and enforcement.

Forum Selection. The Parties agree to bring any action arising out of or relating to this Agreement or the relationship between the Parties in the state courts of the Commonwealth of Massachusetts, Suffolk County, which shall have exclusive jurisdiction thereof. The Community College expressly consents to the jurisdiction of the state courts of the Commonwealth of Massachusetts, Suffolk County, in any action arising out of or relating to this Agreement or the relationship between the Parties, waiving any claim or defense that such forum is not convenient or proper. This paragraph shall not be construed to limit any other legal rights of the Parties.

The Parties acknowledge that the University is an agency of the Commonwealth of Massachusetts. No provision (or lack of provision) shall be construed explicitly or implicitly to be a waiver or limitation of the University's sovereign immunity or rights or defenses arising out or related to its sovereign immunity, including but not limited to, its rights under the Massachusetts Tort Claims Act.

Signatures

Wentworth Institute of Technology Approval

Mark Thompson
President

Sophia Maggelakis
Executive Vice President and Provost

Matthew Gruber
Senior Vice President, Finance and Administration

Ali Khabari
Dean, School of Engineering

Roxbury Community College Approval

Jonathan K. Jefferson
President

James R. Whitley
Vice President of Academic Affairs

Golriz Kermani
Assistant Prof. and Engr. Dept. Coordinator

Evan Desatnick
Coordinator of Transfer Affairs & Articulation

Date _____