Appendix A: Transfer Course Equivalencies

Effective dates: *December 1, 2017* through *November 30, 2020*

	Hudson Valley Community College A.S. – Individual Studies			SUNY Canton B. Tech– Mechanical Engineering Technology (0235)		
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
1		English Elective (GER 10)	3	ENGL 101	Composition and the Spoken Word (GER 10)	3
	ENGR 120	Introduction to Engineering Design (Elective)	3	ENGS 101	Introduction to Engineering	2
	MATH 170	Precalculus (Math Elective)	4	MATH 123	Pre-Calculus (GER 1)	4
	PHYS 135/140/ 150	Technical Physics I or General Physics I or Physics I (Science Elective)	4	PHYS 121/131 & PHYS 125/135	College/University Physics I & Physics Lab I (GER 2)	4
				MECH 121	Manufacturing Process I	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
					CAD Elective	2-3
2	ENGR 211	Engineering Statics	4	CONS 172	Technical Statics	3
	MATH 180	Calculus I (Restricted Elective II)	4	MATH 161	Calculus I (GER 1)	4
				MECH 128	Electromechanics	3
	PHYS 136/141/ 151	Technical Physics II or General Physics II or Physics II (Elective)	4	PHYS 122/132 & PHYS 126/136	College/University Physics II & Physics Lab II	4
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
3				ELEC 261	Electricity	4
				ENGS 102	Programming for Engineers	
	MATH 190	Calculus II (Restricted Elective II)	4	MATH 162	Calculus II	4
				MECH 241 & MECH 242	Fluid Mechanics & Fluid Power Lab	4
	ENGR 218	Strength of Materials (Elective)	4	CONS 272	Strength of Materials for Technology	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
4				MECH 220	Engineering Materials	3
				MECH 232	Machine Design	3
					Program Elective	3
					Program Elective	3
		Humanities Elective (GER 7)	3		GER Elective (3, 4, 5, 6, 7, 8, 9)	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
5	MATH 220	Calculus IV: Differential Equations (Elective) (L/L course credit only)	4	MATH 364	Differential Equations	3
	ENGR 220	Engineering Dynamics (Elective)	4	MECH 301	Technical Dynamics	3
	ENGR 223	Thermal Fluid Science (Elective)	4	MECH 342	Thermodynamics	3
				SOET 377	Engineering Ethics	1
		Social Science Elective (GER 3)	3		GER Elective (3, 4, 5, 6, 7, 8, 9)	3
					U/L Program Elective	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
6	MATH 135	Elementary Statistics	4	MATH 141	Statistics	3
				MECH 343	Heat Transfer	3
					U/L Program Elective	3
					U/L Program Elective	3
		Restricted Elective I (GER 4, 5, 6, 8 or 9)	3		GER Elective (3, 4, 5, 6, 7, 8, 9)	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
7				MECH 341	Intermediate Fluid Mechanics	3
				MECH 377	Capstone Research and Proposal	1
				SOET 361	Project Management	3
					U/L Program Elective	3
					U/L Program Elective	3
		Restricted Elective I (GER 4, 5, 6, 8 or 9)	3		GER Elective (3, 4, 5, 6, 7, 8, 9)*	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
8				MECH 477	Capstone Project	3
				SOET 370	Engineering Economics	3
					U/L Program Elective**	3
					U/L Program Elective**	3
		Accepted Transfer Credit Total	**62**		**SUNY Program Credit Total**	**126**

Additional Notes

* Fulfills writing intensive requirement

U/L = Upper Level Courses (300/400)

GER = General Education Requirement

NOTE: Mechanical Engineering Technology students must meet seven of ten General Education Requirements, 45 upper level credits.

Student Learning Outcomes can be found at www.canton.edu/csoet/mech/.

STUDENT ELIGIBILITY: Graduates of Associate of Science– Individual Studies program at Hudson Valley Community College must possess a **minimum cumulative grade point average of 2.0 on a 4.0 scale**. SUNY Canton **assures acceptance for Hudson Valley Community College students who have a cumulative GPA of 3.0 or better**. Students are encouraged to apply during their last semester at Hudson Valley Community College.

Program Contact

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APPROVALS

Hudson Valley Community College:

Dr. Fabian Vega, Dean
School of Liberal Arts and Science

Date 1/11/18

Brian S. Vlieg, Department Chairperson
Individual Studies

Date 1/11/18

SUNY Canton:

Michael Newtown
Dean, Canino School of Engineering Technology

Date 1/24/18

Dan Miller
Curriculum Coordinator, Mechanical Engineering Technology

Date 1-24-18

Master Articulation Agreement Between

State University of New York (SUNY) Canton

and

Hudson Valley Community College

Effective date: *November 15, 2014*

This articulation agreement is intended to facilitate the transfer of graduates from **Hudson Valley Community College** to SUNY Canton. The objectives, terms and conditions of this agreement are set forth as follows:

OBJECTIVES

1. To attract qualified students to Hudson Valley Community College and SUNY Canton.
2. To facilitate upward educational and career mobility by increasing accessibility to baccalaureate education for qualified individuals.
3. To provide students with advisement in academic and career planning throughout their program of study.
4. To reduce unnecessary repetition of general education and curricular content by providing seamless articulation opportunities.
5. To facilitate communication and academic coordination between faculty, students, and administrators at each institution.

ELIGIBILITY/ADMISSION REQUIREMENTS

1. Students must complete the admission process at SUNY Canton.
2. Students must meet the academic requirements listed in the "*Terms of Agreement*".

TERMS OF AGREEMENT

Students who have completed an Associates program at Hudson Valley Community College will be accepted into a baccalaureate program at SUNY Canton.

STUDENT ELIGIBILITY: Graduates of Hudson Valley Community College must possess a **minimum cumulative grade point average of 2.0 on a 4.0 scale**. SUNY Canton **assures acceptance for Hudson Valley Community College students who have a cumulative GPA of 2.5 or better**.[1] Students are encouraged to apply during their last semester at Hudson Valley Community College.

TRANSFER CREDIT: A grade of C or better must be earned for each transfer credit of courses applicable to the Bachelor's Degree. (See *Appendix A* for list of specific college level courses.)

DEGREE REQUIREMENTS: SUNY Canton requires that 120 or more[1] credits be completed in order to earn a Bachelor's Degree. To be eligible for graduation with a Bachelor's Degree, a minimum of 30 credits must be taken in residence at SUNY Canton. 15 credits must be taken in the major, or acceptable cognates as determined by the department at SUNY Canton. Students will be required to matriculate in accordance with the guidelines as specified in the policies of the academic catalog.

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[1] *Exceptions may apply. Program-specific requirements are stated on the individual program's current course equivalency chart on file.*

2+2 Program Articulations: The following SUNY Canton programs accept a corresponding Associate's degree as the first two years of the baccalaureate program. Students will enter with junior status and take third and fourth year courses to complete the baccalaureate program. (See program descriptions.) Specific requirements apply. Students are encouraged to apply during their last semester at Hudson Valley Community College.

Dental Hygiene (Online program)

- Hudson Valley Community College students must graduate with an **Associate of Applied Science in Dental Hygiene** and **must be a Registered Dental Hygienist**.
- SUNY Canton requires 61 baccalaureate credits be completed in order to earn the Bachelors of Technology in Dental Hygiene. Students will be required to matriculate in accordance with the guidelines as specified in the policies of the academic catalog.
- Hudson Valley Community College must maintain either ADA or CDA accreditation in order for this agreement to remain valid. Failure to retain either ADA or CDA accreditation will nullify this agreement.

Nursing (Online program)

- Students must be able to provide proof of US Citizenship, legal residence or valid work visa.
- Proof of licensure as a Registered Nurse (RN). This must be submitted to the SUNY Canton Nursing Curriculum Coordinator by October 1 (for fall semester enrollment) or March 1 (for spring semester enrollment). Students who do not submit proof of licensure by the above listed date will be moved to non-matriculated status and withdrawn from the program at the end of the semester. (Students may reapply to the program once they supply proof of Registered Nurse License.)

IMPLEMENTATION: Students transferring under this agreement into SUNY Canton will, whenever possible, be provided with a projected outline of their individual requirements for the Bachelor's Degree.

LOCATION: SUNY Canton reserves the right to use classroom space at alternative locations and to offer all, or part, of this degree program online.

FINANCIAL AID: A student accepted into SUNY Canton under this agreement is eligible to participate in all financial aid, grants, and scholarship programs customarily open to transfer students.

PROGRAM CHANGES: If either SUNY Canton or Hudson Valley Community College makes changes to their respective program(s), those changes will be communicated to the other college for review of the respective course equivalency chart.

SUNY Canton Contact Information:

Office of the Provost/VP of Academic Affairs
Special Projects Coordinator to the Provost
Erin Voisin
34 Cornell Drive
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Hudson Valley Community College Contact Information:

Vice President for Academic Affairs
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APPROVALS

We, the undersigned, agree to the above conditions established for the articulation agreement between *Hudson Valley Community College* and *SUNY Canton*.

Representatives of Hudson Valley Community College:

Dr. Andrew J. Matonak
President

Date 12/18/14

Dr. Carolyn G. Curtis
Vice President for Academic Affairs

Date 12/18/2014

Representatives of SUNY Canton:

Dr. Zvi Szafran
President

Date 11-17-14

Karen Spellacy
Interim Provost/VP of Academic Affairs

Date 11-14-14