

Appendix A: Transfer Course Equivalencies

Effective dates: *February 1, 2020* through *January 31, 2023*

	Jefferson Community College A.S. – Engineering Science			SUNY Canton B. Tech– Mechanical Engineering Technology (0235)		
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
1	ENG 101	Research and Composition (GER 10)	3	ENGL 101	Composition and the Spoken Word (GER 10)	3
	ENS 100 and 200	Engineering Orientation and Engineering Design and Build	2	ENGS 101	Introduction to Engineering	2
	MTH 221	Calculus I	4	MATH 123	Pre-Calculus (GER 1)	4
	PHY 143	Science and Engineering Physics I	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
2	ENS 101	Engineering Graphics	3		CAD Elective	2-3
	ENS 201	Statics (Restricted Elective)	3	CONS 172	Technical Statics	3
	MTH 222	Calculus II	4	MATH 161	Calculus I (GER 1)	4
				MECH 128	Electromechanics	3
	PHY 144	Science and Engineering Physics II	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	
	MTH 241	Calculus III	4	MATH 162	Calculus II	4
				MECH 241 & MECH 242	Fluid Mechanics & Fluid Power Lab	4
	ENS 206	Mechanics of Materials (Restricted Elective)	3	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
	CIS 116	Introductory Programming	3		Program Elective	3
	PHY 145	Science and Engineering Physics III	4		Program Elective	3
	ENG 102	Literature and Composition (GER 7)	3		GER Elective (3, 4, 5, 6, 7, 8, 9)	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
5	MTH 242	Differential Equations	4	MATH 364	Differential Equations	3
	ENS 204	Dynamics (Restricted Elective) (L/L course credit only)	3	MECH 301	Technical Dynamics	3
				MECH 342	Thermodynamics	3
				SOET 377	Engineering Ethics	1
		Social Science Elective (GER 3, 4, 5, or 6)	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	MTH 144	Elementary Statistics (Restricted Elective)	3	MATH 141	Statistics	3
				MECH 343	Heat Transfer	3
					U/L Program Elective	3
					U/L Program Elective	3
		Social Science Elective (GER 3, 4, 5, or 6)	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
				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		60	SUNY Program Credit Total		126

Appendix A: Transfer Course Equivalencies

Transfer credits for Jefferson Community College program requirements will be accepted as follows, however do not serve to fulfill requirements of SUNY Canton's Mechanical Engineering Technology, B.Tech program:

<u>Jefferson Community College</u>			<u>SUNY Canton</u>		
Course #	Course Name	Cr	Course #	Course Name	Cr
CHE 131	General Chemistry I	4	CHEM 150	College Chemistry I	4

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– Engineering Science program at Jefferson Community College must possess a **minimum cumulative grade point average of 2.0 on a 4.0 scale**. SUNY Canton **assures acceptance for Jefferson Community College students who have a cumulative GPA of 3.0 or better**. Students are encouraged to apply during their last semester at Jefferson Community College.

Program Contact

Dr. Lucas Craig, Curriculum Coordinator, Mechanical Engineering Technology

SUNY Canton

34 Cornell Drive, NN 105

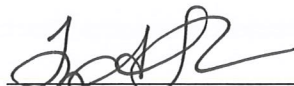
Canton, New York 13617

(315)386-7384

craigl@canton.edu

APPROVALS

Jefferson Community College:



Dr. Ty Stone
President

2/10/2020

Date

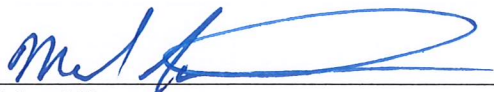


Thomas J. Finch
Vice President for Academic Affairs

2/5/2020

Date

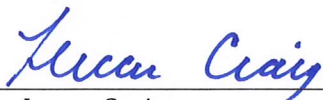
SUNY Canton:



Michael Newtown
Dean, Canino School of Engineering
Technology

1/17/2020

Date



Dr. Lucas Craig
Curriculum Coordinator, Mechanical
Engineering Technology

4/15/2020

Date



APPROVALS

Student Learning Center

Student Learning Center

2/10/2020

Date

Academic Advisor

2/12/2020

Date

Academic Advisor

Academic Advisor

1/17/2020

Date

Academic Advisor

1/17/2020

Date



**Master Articulation Agreement Between
State University of New York (SUNY) Canton
and
Jefferson Community College**

Effective date: November 1, 2014

This articulation agreement is intended to facilitate the transfer of graduates from Jefferson 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 Jefferson 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 Jefferson Community College will be accepted into a baccalaureate program at SUNY Canton.

STUDENT ELIGIBILITY: Graduates of Jefferson Community College must possess a **minimum cumulative grade point average of 2.0 on a 4.0 scale**. SUNY Canton **assures acceptance for Jefferson Community College students who have a cumulative GPA of 2.5 or better**.¹ Students are encouraged to apply during their last semester at Jefferson 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 more¹ 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.

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 Jefferson Community College.

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 Jefferson 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
Canton, NY 13617
p 315.386.7838
f 315.386.7945
voisine@canton.edu
www.canton.edu

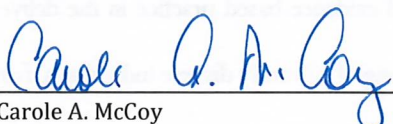
Jefferson Community College Contact Information:

VP of Academic Affairs
Mr. Thomas Finch
1220 Coffeen Street
Watertown, NY 13601
p 315-786-2235
f 315-786-0158
tfinch@sunyjefferson.edu
www.sunyjefferson.edu

APPROVALS

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

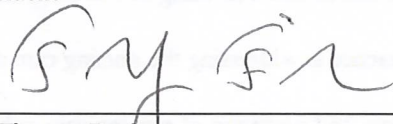
Representatives of Jefferson Community College:



 Dr. Carole A. McCoy
 President

10/27/14

 Date

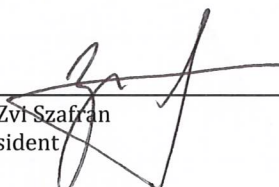


 Mr. Thomas Finch
 Vice President, Academic Affairs

10/27/14

 Date

Representatives of SUNY Canton:



 Dr. Zvi Szafran
 President

11-4-14

 Date



 Karen Spellacy
 Interim Provost/VP of Academic Affairs

11/3/14

 Date



Nursing—BS

The SUNY Canton RN-BS Nursing program is based upon the beliefs that:

- Communities are comprised of unique, holistic individuals and aggregates who have values and beliefs that originate from their life-world, who have specific needs and are capable of making decisions by themselves, with others, and/or by proxy.
- Health and well-being are dynamic lived experiences uniquely defined by the individual and community within the context of culture and environment.
- Nursing is a unique profession that provides a service to society that is culturally sensitive, evidence-based, collaborative, and individualized. Utilizing the nursing process, the nurse facilitates transformation within individuals, groups, and communities to attain desired outcomes.

STUDENTS IN THIS MAJOR:

- Demonstrate critical thinking and decision making that utilizes the nursing process and evidence-based practice in the delivery of care to culturally diverse individuals, families, groups, and community.
- Synthesize knowledge from the liberal arts and nursing to promote the health and well-being of culturally diverse individuals, families, groups, and communities.
- Integrate legal and ethical concepts with the leadership role to advance and promote the health and well-being of culturally diverse individuals, families, groups, and communities.
- Utilize nursing theory/conceptual frameworks, nursing research, and evidence-based practice in addressing the nursing care needs of culturally diverse individuals, families, groups and communities.
- Incorporate leadership theory to the nurse manage role in the collaboration, coordination, and provision of nursing care in health care settings.
- Apply knowledge from nursing, humanities, biological, and social sciences to plan, implement, and evaluate care for sick and well individuals, families, groups, and communities.
- Participate as nurse leaders on interdisciplinary care teams to influence positive social change and health care policy.
- Plan and implement educational activities that empower individuals, families, group, and communities to manage their health care at the local, national, and global level.
- Collaborate with health care colleagues to promote holistic health care for individuals, families, groups, and communities.

CAREER OPPORTUNITIES:

- Public and Community Health
- Armed Services and Veterans Administration
- Entry level nursing management
- Acute, long-term, and specialty nursing units

ACCREDITATIONS:

- Registered by the NYS Education Department, Office of the Professions.
- Accreditation Commission for Education in Nursing candidacy status.

ADMISSION REQUIREMENTS:

Admission requirements can be found online at: http://www.canton.edu/sci_health/nurs/description.html

PROGRAM REQUIREMENTS:

(Curriculum 0291)

Semester V

NURS 300 Conceptual Frameworks in Nursing...3

NURS 303 Health Assessment in Nursing...4

MATH 111 Survey of Math OR

Liberal Arts Elective* ...3

Liberal Arts Elective *...3

U/L Liberal Arts Elective...3
