

Transfer Articulation Agreement

Between the Department of Manufacturing and Mechanical Engineering Technology, College of Engineering Technology

B.S. in Mechanical Engineering Technology,

B.S. in Mechatronics Engineering Technology, and

B.S. in Robotics and Manufacturing Engineering Technology

and the Department of Engineering Studies, National Technical Institute for the Deaf

A.A.S. in Precision Manufacturing Technology

Purpose

This articulation agreement is established between the NTID Department of Engineering Studies and the Department of Manufacturing and Mechanical Engineering Technology in the College of Engineering Technology (CET) to assist in facilitating timely student progress from the A.A.S. degree level into a B.S. program, thereby attracting qualified students to CET and encouraging academic cooperation and exchange of information between NTID and CET. Students enrolled in the A.A.S. in Precision Manufacturing Technology will work toward admission into the B.S. in Mechanical Engineering Technology, B.S. in Mechatronics Engineering Technology, or the B.S. in Robotics and Manufacturing Engineering Technology by successfully completing freshman- and sophomore-level science, mathematics, and core engineering coursework required for the baccalaureate program and by taking any necessary foundational coursework to prepare them for such courses. Students will also take all necessary liberal arts and English coursework to satisfy the requirements of the Associate of Applied Science degree in Precision Manufacturing Technology.

Student Qualifications for Transfer from the A.A.S. in Precision Manufacturing Technology to the B.S. in Mechanical Engineering Technology, B.S. in Mechatronics Engineering Technology, or B.S. in Robotics and Manufacturing Engineering Technology

Qualified students will:

- Be a graduate of the NTID A.A.S. in Precision Manufacturing Technology program.
- Be a student in good standing per RIT Policy D05.1.
- Have earned a cumulative GPA of at least 3.0 while in the A.A.S. in Precision Manufacturing Technology program. Students who do not meet this requirement will be considered on a case-by-case basis with particular emphasis on grades earned in their technical science and mathematics coursework.

Terms of the Agreement

I. Admissions process

- a. The process for admission to the B.S. in Mechanical Engineering Technology (MCET-BS), B.S. in Mechatronics Engineering Technology (MECA-BS), or B.S. in Robotics and Manufacturing Engineering Technology (RMET-BS) can begin as early as the student's final term in the A.A.S. in Precision Manufacturing Technology (CIMT-AAS).
 - i. These three programs are referred to collectively as “these three CET programs” for the remainder of this document.

b. The steps in the process will be:

- i. Student indicates to the NTID A.A.S. in Precision Manufacturing Technology program coordinator an interest in applying to enter any of these three CET programs.
- ii. The A.A.S. program coordinator will review the student's academic qualifications based on items listed in the "*Student Qualifications for Transfer*" section indicated above.
- iii. If the student meets the qualifications listed, the NTID program coordinator or department chair will contact the chairperson or coordinator of these three CET programs for review of the student's qualifications.
 1. If necessary, the head will call a meeting with the student and the A.A.S. program coordinator to review the student's record and to discuss the B.S. program in which the student is interested in entering.
- iv. Upon review of the student's qualifications, the chairperson of the CET Department of Manufacturing and Mechanical Engineering Technology will inform the student and the A.A.S. program coordinator of the tentative acceptance decision.
- v. The A.A.S. program coordinator and the CET chairperson will complete an Intent to Enroll form and submit it to the NTID and RIT admissions offices for review and final approval.
 1. If the Intent to Enroll form receives all required approvals, the NTID department chair will inform the student, the A.A.S. program coordinator, and the CET chairperson of the decision.

II. Year Level and Credit Transfer

- a. Students who transfer from the A.A.S. in Precision Manufacturing Technology will do so at the third-year level into one of these three CET programs, with the placement decision being made based on the requirements listed in the "*Student Qualifications for Transfer*" section above.
- b. Upon transfer into the B.S. program, students will be responsible for completing all remaining degree requirements in order to earn the baccalaureate degree.
- c. Credit earned toward the A.A.S. degree is indicated in the student's RIT academic history and will therefore automatically populate the appropriate section within the Academic Advisement Report (AAR) for the B.S. degree once the student has been admitted to the B.S. program. Students who have earned a C- or lower in any course taken toward the A.A.S. degree and being applied to the B.S. degree may be advised to retake the course as a condition of being admitted to the B.S. program.

III. Program and Course changes

- a. The A.A.S. in Precision Manufacturing Technology, B.S. in Mechanical Engineering Technology, B.S. in Mechatronics Engineering Technology, and B.S. in Robotics and Manufacturing Engineering Technology programs will communicate any changes to their respective curricula and make any changes to this document to ensure continuation of the articulation agreement.

IV. Time limits

- a. This agreement will be formally reviewed every five years from the date of signing, or at the time of any major curriculum change.

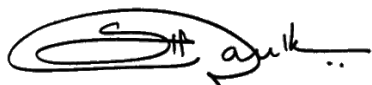
V. Autonomy

- a. The A.A.S. in Precision Manufacturing Technology program will be free to admit qualified non-matriculated, NTID-supported students who apply to the program through the normal RIT freshman admissions process. If students are deemed “underprepared” then a recommendation should be made to NTID for admissions opportunities.

A.A.S. in Precision Manufacturing Technology Transfer of Courses to B.S. in Mechanical Engineering Technology						
COURSES IN A.A.S. DEGREE				COURSES ACCEPTED TOWARD B.S. DEGREE		
Course Number	Course Title (A.A.S. Degree Requirement)	SCH		Course Number	Course Title (B.S. Degree Requirement)	SCH
<i>Major Courses (including major-related coursework that satisfies general education and open electives requirements)</i>						
NETS-101	Fundamentals of Engineering	3		MCET-101	Fundamentals of Engineering	3
NETS-110	Foundations of Materials	2		MCET-110	Foundations of Metals	2
NETS-111	Foundations of Materials Lab	1		MCET-111	Characterization of Metals Lab	1
NETS-120	Manufacturing Processes	3		RMET-120	Manufacturing Processes	3
NPMT-131	Precision Manufacturing Technology I	3		RMET-105	Machine Tools Lab	1
NPMT-201	Job Search for PMT	2		ENGT-95	Career Seminar	0
NPMT-214	CAD Applications	3		MCET-150	Engineering Communication and Tolerancing	3
NPMT-234	Precision Manufacturing Technology IV	3			Technical Elective	3
NPMT-299	Co-op: PMT	0		MCET-499	MCET Co-op (students must complete additional co-ops for the BS degree)	0
NPMT-xxx	Any 9 additional credits of NPMT coursework	9		NPMT-xxx	Open electives	9
	Technical electives coursework that aligns with required courses in the BS program (CHMG-131, EEET-115/-116, MATH-171, MATH-172, PHYS-111, PHYS-112, STAT-145, STAT-146)	0-12*			Any 0-12 credits of CHMG-131, EEET-115/-116, MATH-171, MATH-172, PHYS-111, PHYS-112, STAT-145, STAT-146.	0-12*
<i>General Education Courses</i>						
UWRT-150	FYW: Writing Seminar (General Education – First Year Writing)	3		UWRT-150	FYW: Writing Seminar (General Education - First Year Writing)	3
	General Education - Ethical Perspective	3			General Education - Ethical Perspective	3
	General Education - Artistic Perspective	3			General Education - Artistic Perspective	3
	General Education - Global Perspective	3			General Education - Global Perspective	3
	General Education - Social Perspective	3			General Education - Social Perspective	3
	General Education – Scientific Principles Perspective (Students may take any course with the Scientific Principles designation to earn the AAS degree. However, completion of CHMG-131, PHYS-111, or PHYS-112 is ideal so that the credit can be applied to the BS degree.)	0-4*			General Education – Scientific Principles Perspective: CHMG-131 General Chemistry for Engineers General Education – Natural Science Inquiry Perspective: PHYS-111 College Physics I General Education – Elective: PHYS-112 College Physics II (Any other science course taken toward the AAS degree will not count toward MCET-BS because MCET-BS does not include any additional gen ed electives.)	0-4*
	General Education – Elective: NMTH-212 or higher	3			General Education – Elective	3
	General Education - Elective	3			General Education – Elective	3
<i>Other Courses</i>						
NCAR-010	Freshman Seminar	0		YOPS-010	RIT 365: RIT Connections	0
	Wellness course	0			Wellness course	0
					Total Transfer Credits	46-62
* The transferability of credit indicated by an asterisk depends on whether or not the student completes any of the indicated BS-required courses during the AAS degree.					Percent of A.A.S. Credits Transferred	60-81%

A.A.S. in Precision Manufacturing Technology Transfer of Courses to B.S. in Mechatronics Engineering Technology						
COURSES IN A.A.S. DEGREE				COURSES ACCEPTED TOWARD B.S. DEGREE		
Course Number	Course Title (A.A.S. Degree Requirement)	SCH		Course Number	Course Title (B.S. Degree Requirement)	SCH
<i>Major Courses (including major-related coursework that satisfies general education and open electives requirements)</i>						
NETS-101	Fundamentals of Engineering	3		MCET-101	Fundamentals of Engineering	3
NETS-110	Foundations of Materials	2		MCET-110	Foundation of Metals	2
NETS-111	Foundations of Materials Lab	1		MCET-111	Characterization of Metals Lab	1
NETS-120	Manufacturing Processes	3		RMET-120	Manufacturing Processes	3
NPMT-131	Precision Manufacturing Technology I	3		RMET-105	Machine Tools Lab	1
NPMT-201	Job Search for PMT	2		ENGT-95	Career Seminar	0
NPMT-214	CAD Applications	3		MCET-150	Engineering Communication and Tolerancing	3
NPMT-299	Co-op: PMT	0		MECA-499	MECA Co-op (students must complete additional co-ops for the BS degree)	0
NPMT-xxx	Any 12 credits of unused NPMT coursework	12		NPMT-xxx	Open electives	12
	Technical electives coursework that aligns with required courses in the BS program (CHMG-131, EEET-115/-116, MATH-171, MATH-172, PHYS-111, PHYS-112, STAT-145, STAT-146)	0-12*			Any 0-12 credits of CHMG-131, EEET-115/-116, MATH-171, MATH-172, PHYS-111, PHYS-112, STAT-145, STAT-146	0-12*
<i>General Education Courses</i>						
UWRT-150	FYW: Writing Seminar (General Education – First Year Writing)	3		UWRT-150	FYW: Writing Seminar (General Education - First Year Writing)	3
	General Education - Ethical Perspective	3			General Education - Ethical Perspective	3
	General Education - Artistic Perspective	3			General Education - Artistic Perspective	3
	General Education - Global Perspective	3			General Education - Global Perspective	3
	General Education - Social Perspective	3			General Education - Social Perspective	3
	General Education – Scientific Principles Perspective (Students may take any course with the Scientific Principles designation to earn the AAS degree. However, completion of CHMG-131, PHYS-111, or PHYS-112 is ideal so that the credit can be applied to the BS degree.)	0-4*			General Education – Scientific Principles Perspective: CHMG-131 General Chemistry for Engineers General Education – Natural Science Inquiry Perspective: PHYS-111 College Physics I General Education – Elective: PHYS-112 College Physics II (Any other science course taken toward the AAS degree will not count toward MECA-BS because MECA-BS does not include any additional gen ed electives.)	0-4*
	General Education - Elective	3			General Education – Elective	3
<i>Other Courses</i>						
NCAR-010	Freshman Seminar	0		YOPS-010	RIT 365: RIT Connections	0
	Wellness course	0			Wellness course	0
* The transferability of credit indicated by an asterisk depends on whether or not the student completes any of the indicated BS-required courses during the AAS degree.					Total Transfer Credits	43-59
					Percent of A.A.S. Credits Transferred	56-77%

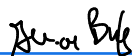
A.A.S. in Precision Manufacturing Technology						
Transfer of Courses to B.S. in Robotics and Manufacturing Engineering Technology						
COURSES IN A.A.S. DEGREE				COURSES ACCEPTED TOWARD B.S. DEGREE		
Course Number	Course Title (A.A.S. Degree Requirement)	SCH		Course Number	Course Title (B.S. Degree Requirement)	SCH
<i>Major Courses (including major-related coursework that satisfies general education and open electives requirements)</i>						
NETS-110	Foundations of Materials	2		MCET-110	Foundations of Metals	2
NETS-111	Foundations of Materials Lab	1		MCET-111	Characterization of Metals Lab	1
NETS-101	Fundamentals of Engineering	3		MCET-101	Fundamentals of Engineering	3
NETS-120	Manufacturing Processes	3		RMET-120	Manufacturing Processes	3
NPMT-131	Precision Manufacturing Technology I	3		RMET-105	Machine Tools Lab	1
NPMT-201	Job Search for PMT	2		ENGT-95	Career Seminar	0
NPMT-214	CAD Applications	3		MCET-150	Engineering Communication and Tolerancing	3
NPMT-299	Co-op: PMT	0		RMET-499	RMET Co-op (students must complete additional co-ops for the BS degree)	0
NPMT-xxx	Any 10 credits of unused NPMT coursework	10		NPMT-xxx	Open electives	10
	Technical electives coursework that aligns with required courses in the BS program (CHMG-131, EEET-115/-116, MATH-171, MATH-172, PHYS-111, PHYS-112, STAT-145, STAT-146)	0-12*			Any 0-12 credits of CHMG-131, EEET-115/-116, MATH-171, MATH-172, PHYS-111, PHYS-112, STAT-145, STAT-146	0-12*
<i>General Education Courses</i>						
UWRT-150	FYW: Writing Seminar (General Education – First Year Writing)	3		UWRT-150	FYW: Writing Seminar (General Education - First Year Writing)	3
	General Education - Ethical Perspective	3			General Education - Ethical Perspective	3
	General Education - Artistic Perspective	3			General Education - Artistic Perspective	3
	General Education - Global Perspective	3			General Education - Global Perspective	3
	General Education - Social Perspective	3			General Education - Social Perspective	3
	General Education – Scientific Principles Perspective (Students may take any course with the Scientific Principles designation to earn the AAS degree. However, completion of CHMG-131 or PHYS-111 is ideal so that the credit can be applied to the BS degree.)	0-4*			General Education – Scientific Principles Perspective: CHMG-131 General Chemistry for Engineers General Education – Natural Science Inquiry Perspective: PHYS-111 College Physics I PHYS-112 College Physics II (Any other science course taken toward the AAS degree will not count toward RMET-BS because RMET-BS does not include any additional gen ed electives.)	0-4*
	General Education – Elective	3			General Education - Elective	3
<i>Other Courses</i>						
NCAR-010	Freshman Seminar	0		YOPS-010	RIT 365: RIT Connections	0
	Wellness course	0			Wellness course	0
* The transferability of credit indicated by an asterisk depends on whether or not the student completes any of the indicated BS-required courses during the AAS degree.					Total Transfer Credits	41-57
					Percent of A.A.S. Credits Transferred	53-74%



S. Manian Ramkumar

Dean

College of Engineering
Technology



Gerard Buckley (Mar 5, 2025 21:09 EST)

Gerard J. Buckley, President

RIT Vice President and Dean

National Technical Institute for the Deaf



Mike Eastman

Sr. Assoc. Dean for Academic Affairs
College of Engineering Technology



Gary Behm

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Beth Carle

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Karen Beiter

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