



**ARTICULATION AGREEMENT - ASSOCIATE DEGREE PROGRAM**

NTC Program: Electromechanical Technology

Northern Michigan University Program: Electrical Engineering Technology

GPA required: 2.0

Initial effective date: August 2019

NTC		Northern Michigan University	
NTC A.A.S. Degree:		NMU Major:	
Electromechanical Technology		Electrical Engineering Technology	
<b>College Physics*</b>			
<b>Total transferable A.A.S. degree credits:</b>	<b>60-61</b>	<b>Total credits accepted at NMU:</b>	<b>60-61</b>

\* In addition to completing the associate degree, students are required to complete an introductory calculus base physics course prior to enrollment at NMU. Students can complete the calculus base physics course at UWSP at Wausau or Nicolet College.

**Additional credits to take to transfer to NMU:**

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-801-155	English Composition 2	3	EN 211	Gen ED	3
10-809-103	Think Critically & Creatively	3	INTT 1009	Gen ED	3
10-806-134	General Chemistry	4	CH 105	Gen ED	4
10-804-189	Introductory Statistics	3	MA 109	Major/Gen Ed	3
10-804-198	Calculus	4	MA 161	Major/Gen Ed	4
				<b>Total credits</b>	<b>17</b>
	<b>Total credits completed at NTC:</b>	<b>77-78</b>		<b>Total credits accepted at NMU:</b>	<b>77-78</b>

**These courses are required for the B.S. degree at NMU:**

Course No.	Course Title	Credits	Course No.	Course Title	Credits
				*Bridge Course	4
			ET 210	#Discrete Semiconductors: Labs taught at NTC	4
			ET 211	#Digital Electronics: Labs taught at NTC	4
			ET 212	#Advanced Linear Circuits: Labs taught at NTC	3
			ET 321	#Embedded Systems Programming	4
			ET 410	#Interfacing and Data Acquisition: Labs taught at NTC	3
			ET 415	#Controls: Labs taught at NTC	3

			ET 420	#Microcontroller Applications	3
			ET 431	#Senior Project I	1
			ET 432	#Senior Project II	2
			IT 420	*Quality Control	3
			MET 211	#Statistics	4
			TE 351	*Humanity & Technology	4
				*General Education/Elective	up to 18
			<b>Total credits to be completed at NMU:</b>		<b>42 to 60</b>
			<b>Minimum number of credits needed for degree completion at NMU:</b>		<b>120</b>

\* Online Asynchronous

# Online Synchronous

Disclaimer: Students planning to transfer should contact NTC's transfer specialist and transfer personnel at NMU for the most current information.

Updated on: 7/11/19