



NICOLET COLLEGE

Nicolet Program:
UW Whitewater Program:
GPA Required:
Effective Date:

A.A.S. Electromechanical Technology
 Bachelor of Applied Arts and Sciences (BAAS)
 2.0
 Fall 2020 Per Articulation Agreement

TRANSFER GUIDE

General Education Courses

NICOLET COURSE		UW WHITEWATER EQUIVALENCY			
10-801-195 Written Communication OR 20-801-219 English Composition 1	3	ENGL 101	College Writing and Reading	3	
10-804-134 Math Reasoning (3) OR 20-804-220 Intermediate Algebra (4)	3-4	MATH 141/41W	Does not transfer OR Fund of College Algebra and Beg Alg Waiver	0-4	
10-806-139 Survey of Physics (3) OR 10-806-154 General Physics 1 (4) 20-806-276 College Physics (4)	3-4	PHYS 140 PHYS 140	Does not transfer OR Principles of Physics I Principles of Physics I	0-4	- GNS GNS
-10-809-166 Intro to Ethics: Theory and Application OR 20-809-225 Ethics	3	PHIL 261	Intro to Ethics	3	GH
10-801-196 Oral Interpersonal Communication OR 20-810-201 Fundamentals of Speech	3	COMM 110	Elective OR Intro to Public Speaking	3	GS
10-809-199 Psychology of Human Relations OR 20-809-251 Introduction to Psychology	3	PSYCH 104 PSYCH 211	Psych of Human Adjustment OR Intro to Psychology	3	GW GS
Total general education credits earned:	18-20		Total general education credits accepted:	12-20	

Occupational Courses

NICOLET COURSE		UW WHITEWATER EQUIVALENCY			
10-103-115 MS Word Beginning	1	<p>A minimum of 60 credits will transfer as a block of applied credits towards the BAAS degree.</p> <p>An additional 60 credits of online UW Whitewater courses are</p>			
10-103-126 MS Excel Beginning	1				
10-449-100 Industrial Safety Fundamentals	2				
10-150-110 Networking Standards and Practices	1				
10-150-113 Network Topology and Devices	1				
10-150-116 Configure Network Devices	1				
10-462-115 Basic Electrical Circuits	1				
10-462-117 Inductance and Capacitance	1				
10-462-119 Analyze Transformers	1				
10-462-121 Mechanical Drive Systems	1				
10-462-124 Belt and Chain Drives	1				
10-462-186 Tag System Used in Process Control	1				
10-462-188 Loop Controller and Control Elements	1				
10-462-192 Sensors to Measure Liquid Level	1				

10-620-102	Hydraulic and Pneumatic Operation	1	required to earn the Bachelor of Applied Arts and Science Degree (BAAS)		
10-620-106	Ladder Logic Elements and Control Logic	1			
10-620-109	Analyze Directional Control Valves	1			
10-620-112	PLC Fundamentals and Basic Instructions	1			
10-620-116	Analyze the Use of Oscilloscopes	1			
10-620-118	Analyze Sensing Devices and Op Amps	1			
10-620-120	Analyze SSRs and Switching Circuits	1			
10-620-123	Three Phase Electric Motor Control	1			
10-620-125	Investigate Troubleshooting Methods	1			
10-620-127	Troubleshooting Common Motor Circuits	1			
10-620-129	PLC Timers Counters and Program Controls	1			
10-620-330	PLC Sequencing and Data Function Blocks	1			
10-620-137	Basic Robot Assemblies and Operations	1			
10-620-139	Robot Programming and Instructions	1			
10-620-143	Analyze Robot Frames and Branching	1			
10-620-147	HMI Screen Development and Editing	1			
10-620-149	Investigate PLC Troubleshooting	1			
10-620-152	Analyze PLC Analog Inputs	1			
10-620-154	Analyze PLC Analog Outputs	1			
10-620-158	Analyze PLC Variable Output Applications	1			
10-620-163	Analyze Automated System	1			
10-620-167	Integrate Automated Systems	1			
10-620-169	Motor Control Starting and Braking	1			
10-620-172	Analyze Motor Control Speed and Torque	1			
10-620-176	Analyze Motion Control Software	1			
10-620-178	Configure Motion Control Systems	1			
10-620-180	Design Motion Control Projects	1			
10-442-140	Intro to Welding Techniques	1			
Total credits earned:		61-63	Total credits transferred:	60	

Students planning to transfer should work closely with their Nicolet Success Coach and transfer personnel at UW Whitewater for the most current information.