



# NICOLET COLLEGE

**Nicolet Program:** A.A.S. Electromechanical Technology  
**UW Oshkosh Program:** BAS Leadership and Organizational Studies Online  
**GPA Required:** 2.5  
**Prepared:** June 2022 (Per Articulation Agreement)

## General Education Courses

NICOLET COURSE		UNIVERSITY OF WISCONSIN OSHKOSH EQUIVALENCY			
10-801-195 Written Communication <b>OR</b> 20-801-219 English Composition 1	3	WRT 188	First Year College Writing	3	Quest Writing
10-804-134 Mathematical Reasoning (3) <b>OR</b> 20-804-220 Intermediate Algebra (4)	3-4	MATH 103	Elective <b>OR</b> Intermediate Algebra	3-4	
10-801-196 Oral Interpersonal Communication <b>OR</b> 20-810-201 Fundamentals of Speech	3	COMM 111	Intro to Public Speaking	3	Quest Speaking
10-809-199 Psychology of Human Relations <b>OR</b> 20-809-251 Introduction to Psychology	3	PSYCH 101	Elective <b>OR</b> General Psychology	3	XS
10-809-166 Intro to Ethics 20-809-225 Ethics	3	PHIL 105	Ethics	3	XC
10-806-139 Survey of Physics (3) <b>OR</b> 10-806-154 General Physics 1 (4) <b>OR</b> 20-806-276 College Physics I (4)	3-4	PHYS SCI 101 PHYS 171 PHYS 171	Workshop Phys Sci <b>OR</b> College Physics I <b>OR</b> College Physics I	3-4	XL
<b>Total general education credits earned:</b>	<b>18-20</b>		<b>Total general education credits accepted:</b>	<b>18-20</b>	

## Occupational Courses

NICOLET COURSE		UNIVERSITY OF WISCONSIN OSHKOSH EQUIVALENCY			
1010311500 MS Word Beginning	1	<b>BLOCK OF 43 CREDITS AWARDED FOR COMPLETION OF AAS ELECTROMECHANICAL TECHNOLOGY DEGREE</b>			
1010312600 MS Excel Beginning	1				
1044910000 Industrial Safety Fundamentals	2				
1046211500 Basic Electrical Circuits	1				
1046211700 Inductance and Capacitance	1				
1046211900 Analyze Transformers	1				
1062010200 Hydraulic and Pneumatic Operation	1				
1062010600 Ladder Logic Elements and Control Logic	1				
1062010900 Analyze Directional Control Valves	1				
1062011200 PLC Fundamentals and Basic Instructions	1				

1044214000 Intro to Welding Techniques	1
1046212100 Mechanical Drive Systems	1
1046212400 Belt and Chain Drives	1
1062011600 Analyze the Use of Oscilloscopes	1
1062011800 Analyze Sensing Devices and Op Amps	1
1062012000 Analyze SSRs and Switching Circuits	1
1062012300 Three Phase Electric Motor Control	1
1062012500 Investigate Troubleshooting Methods	1
1062012700 Troubleshooting Common Motor Circuits	1
1062012900 PLC Timers Counters and Program Controls	1
1062013300 PLC Sequencing and Data Function Blocks	1
1015011100 Network Standards and Practices	1
1015011300 Network Topology and Devices	1
1015011600 Configure Network Devices	1
1062013700 Basic Robot Assemblies and Operations	1
1062013900 Robot Programming and Instructions	1
1062014300 Analyze Robot Frames and Branching	1
1062014700 HMI Screen Development and Editing	1
1062014900 Investigate PLC Troubleshooting	1
1062015200 Analyze PLC Analog Inputs	1
1062015400 Analyze PLC Analog Outputs	1
1062015800 Analyze PLC Variable Output Applications	1
1046218600 Tag System Used in Process Control	1
1046218800 Loop Controller and Control Elements	1
1046219200 Sensors to Measure Liquid Level	1
1062016300 Analyze Automated System	1
1062016700 Integrate Automated Systems	1
1062016900 Motor Control Starting and Braking	1
1062017200 Analyze Motor Control Speed and Torque	1
1062017600 Analyze Motion Control Software	1
1062017800 Configure Motion Control Systems	1
1062018000 Design Motion Control Projects	1

<b>Total occupational credits earned:</b>	<b>43</b>	<b>Total occupational credits accepted:</b>	<b>43</b>	
<b>Total credits earned:</b>	<b>61-63</b>	<b>Total credits transferred:</b>	<b>61-63</b>	

**Remaining Courses Needed to Earn BAS Leadership and Organizational Studies:**

<b>General Education Requirements (USP):</b>	
Explore Nature: Math (XM)	3
Explore Nature: Lab Science (XL)	4-5
Explore Culture (XC)	6
Explore Society (XS)	6
Connect Advanced Writing (XK)	3
Non-Western Culture (NW)	3
<b>Major Requirements:</b>	
Introduction to Liberal Studies	3
Introduction to Leadership	3
Contemporary Global Issues and Problems	3
Web of the Future	3
Intercultural Communications (ES)	3
Creating Presentations in the Virtual Workplace	3
Introduction to Organizational Administration	3
Transformative Leadership	3
Collaborative Leadership Dynamics	3
Conflict Resolution	3
Project Planning and Implementation	3
Applied Data Gathering & Analysis	3
Capstone Applied Learning Project	3
<b>Total credits remaining:</b>	<b>64-65</b>

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