

Automation Engineering – Associate Degree

Do you need a flexible class schedule? Classes for this program are offered in a blended format in NWTC's Engineering Technology Labs! The Engineering Technology Labs, located at the Green Bay Campus, are large open labs that allows you to stop in during lab hours to complete homework, projects, exams, or just ask questions. For each one credit class, you can expect the following: 2 hours/week watching the lecture & completing homework (anywhere & anytime) & 2 hours/week coming to lab (on campus). The lab is generally open Mon – Thurs 8am – 8pm, Fri 8am-3pm, & Sat 8am - noon. After you apply and are accepted, make sure to connect with an Academic Advisor for guidance on enrolling in these flexible classes.



Catalog #/Class Name	Credits	Flexible Class Option
10620100 - Fluids 1: Basic Pneumatics	1	X
10620101 - Fluids 2: Basic Hydraulics	1	X
10620140 - Machine Wiring and Safety	1	X
10660116 - Introduction to AC/DC	2	X
10664100 - Automation 1: Control Logic	1	X
10664101 - Automation 2: Motor Control	1	X
10620144 - Basic Mechanics	1	X
10801196 - Oral/Interpersonal Comm	3	X
10804113 - College Technical Math 1A	3	X
10890101 - College 101	1	X
10804114 - College Technical Math 1B	2	
10801136 - English Composition 1	3	X
10664102 - Automation 3: PLC	1	X
10664103 - Automation 4: PLC	1	X
10620170 - Robotics - Introduction to	1	X
10620172 - Robotic Vision Systems	1	X
10664104 - Automation 5: PLC	1	X
10806154 - General Physics 1	4	
10664170 - Safety Devices and Application	1	X
10605157 - Power Electronics 1: Drives	1	X
10605158 - Power Electronics 2: Drives	1	X
10606116 - CAD-Intro	1	
10606212 - CAD-ECD	1	
10620159 - Power Electronics 3: Drives	1	X
10620161 - Power Electricity 1: Motors	1	X
10620162 - Power Electricity 2: Motors	1	X
10664105 - Automation 6: PLC	1	X
10664151 - Automation 8: HMI	1	X
10664152 - Automation 9: HMI	1	X
10664160 - Control 1: Discrete Systems	1	X
10664161 - Control 2: Servo Systems-Intro	1	X
10664162 - Control 3: Servo Motion Prog	1	X
10801197 - Technical Reporting	3	X
10664150 - Automation 7: PLC	1	X
10664153 - Automation 10: Network	1	X
10664163 - Control 4: Servo System Camm	1	X
10664164 - Control 5: Servo System Regist	1	X
10809172 - Intro to Diversity Studies	3	X
10664165 - Control 6: Process Control	1	X
10664189 - Automation Systems Integration	3	
10809198 - Intro to Psychology	3	X
10620147 - Intro to Predictive Maint	1	X