



Part-Time Pathway to Success
School of Business and Transportation

Motorcycle, Marine and Outdoor Power Products (31-461-2)

Technical Diploma
Effective 2021/2022

The course sequence shown on this sheet is the recommended path to completion. Courses will be scheduled in the terms indicated here. All courses should be taken in the order shown to help you stay on track and graduate according to your academic plan.

R-E = Racine/evenings, F=Fall, S=Spring, SU=Summer

Term	Course #	Cr.	Course Title	Requisites (prereq- before/ coreq-with)	R-E
1	890-155	1	📍 Gateway to Success (G2S)		F
1	*461-307	2	🎓 Fundamental Shop Skills		F
1	*461-120	3	🎓 Small Power Equipment		F
1	*412-119	3	Mobile Electrical Systems		F
1	804-370	2	Mathematics I / Applied ¹	Prereq: 854-760	F
2	*442-102	2	Introduction to Welding		S
2	*461-306	2	Recreational Equipment Maintenance	Coreq: 461-307	S
2	*461-304	3	Outboard Engines	Prereq: 804-370; Coreq: 801-301; 801-302	S
2	*461-301	3	Hydraulic Systems	Prereq: 461-307	S
2	801-301	1	Writing Principles ¹	Prereq: 851-756	S
3	*461-302	2	Inboard Engines	Prereq: 461-120; 461-307	F
3	*461-303	3	Light Motorcycle Service	Prereq: 804-370	F
3	801-302	1	Speaking Principles		F

Minimum Program Total Credits Required: 28

Notes associated with courses (identified by a superscript number at the end of the course title) are located on the back of the sheet.

📍 Mastery of this course will put students on a path to achieve successful degree completion, on-time graduation, and enrich the college experience. Students are required to take this course in their first semester of enrollment. Please see an advisor for details.

🎓 = Milestone Course. Faculty have identified this course as providing a strong foundation for success throughout the program.

(*) indicates students must achieve a combined average of 2.0 ("C") or above for these major courses to meet graduation requirements.

Motorcycle, Marine and Outdoor Power Products (31-461-2)

The Motorcycle, Marine and Outdoor Power Products program prepares students for a career in the motorcycle, outdoor powersports and marine engine service field. Learners will troubleshoot, service and repair related equipment including motorcycles, recreational power sport vehicles, snowmobiles, and marine engines. Extensive training in the specialty areas of two and four cycle engines, ignition and electrical systems, fuel and lubrication systems, induction and cooling systems, hydraulics, transmissions, and drivetrains will also be provided.

Program Learning Outcomes

Graduates will be able to:

1. Repair brake systems.
2. Repair 2-stroke engine.
3. Repair 4-stroke engine.
4. Repair drive lines.
5. Repair electrical systems.
6. Repair suspension systems.
7. Repair fuel systems.
8. Repair hydraulic systems.
9. Develop a customer work order.

Essential Career Competencies

Gateway's six essential career competencies are the general attitudes and skills promoted and assessed by all programs. All Gateway graduates will develop skills in:

- Communication Competence
- Professionalism and Career Management
- Cultural Competence
- Critical Thinking and Problem Solving
- Teamwork and Collaboration
- Technology Competence

Admission Requirements

1. Students must submit an application and pay \$30 fee.
2. Students must meet one of the following: minimum cumulative high school GPA of 2.6 (unweighted); earned at least 12 college credits with a minimum GPA of 2.0; or complete valid reading, writing, and math placement assessments.

Graduation Requirements

1. Minimum 27 credits with an average of 2.0 or above.
2. *Average of 2.0 ("C") or above for these major courses.
3. Complete 890-155 Gateway to Success (G2S) in the first semester.

For a complete list of Graduation Requirements, check the Student Handbook or [Graduation Requirements](#).

Notes

1. A satisfactory placement test score (or successful remediation) is required prior to enrollment. See an advisor for details.

Gateway Technical College reserves the right to modify curriculum requirements for students who interrupt enrollment for a period of two years or take over seven years to complete. Tuition and material fees are determined by the board of the Wisconsin Technical College System. Consult My Gateway for exact fee amounts. Occasionally, the District may offer a particular course out of published sequence. By doing so, the District does not obligate itself to offer succeeding courses out of published sequence.