



Motorcycle, Marine and Outdoor Power Products (31-461-2)
 Technical Diploma
Effective 2018/2019



The course sequence shown on this sheet is the recommended path to completion of the program and reflects how courses are regularly scheduled. Courses will be scheduled in the terms indicated here. Courses may be taken out of sequence as long as requisites are met.

√	Course Number		Course Title	Requisites	Notes	Credits	Terms Offered
	461-307	*	Fundamental Shop Skills			2	FA
	461-308	*	Two Cycle Engines	Coreq 461-307		2	FA
	461-300	*	Four Cycle Engines	Coreq 461-307		3	FA
	412-119	*	Mobile Electrical Systems			3	FA
	804-370		Mathematics I, Applied	Prereq: 854-760	1	2	FA, SP
	442-102	*	Introduction to Welding			2	FA
	461-306	*	Recreational Equipment Maintenance	Coreq 461-307		2	FA
	461-304	*	Outboard Motors	Prereq 461-307; 300; 308		3	SP
	461-301	*	Hydraulic Systems	Prereq 461-307		3	SP
	461-302	*	Inboard Engines	Prereq 461-307; 300		2	SP
	461-305	*	Power Transmission Systems	Prereq 461-307		3	SP
	461-303	*	Light Motorcycle Service	Prereq 461-307		3	SP
	801-302		Speaking Principles			1	SP
	801-301		Writing Principles	Prereq: 851-756	1	1	FA, SP, SU
Minimum Program Total Credits Required						32	

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 suspensions.
7. Repair fuel systems.
8. Repair hydraulic systems.
9. Develop a customer work order.

Core Abilities

Gateway's nine core abilities are the general attitudes and skills promoted and assessed by all programs. All Gateway graduates will be able to:

1. Act responsibly.
2. Communicate clearly and effectively.
3. Demonstrate essential computer skills.
4. Demonstrate essential mathematical skills.
5. Develop job seeking skills.
6. Respect themselves and others as members of a diverse community.
7. Think critically and creatively.
8. Work cooperatively.
9. Value learning

Admission Requirements

1. Students must submit an application and pay \$30 fee.
2. Students must complete reading, writing, and math placement assessments.
3. Students must submit official high school, GED, or HSED transcript.

Graduation Requirements

1. Minimum 32 credits with an average of 2.0 or above.
 2. *Average of 2.0 ("C") or above for these major courses.
- For a complete list of Graduation Requirements, check the Student Handbook.

Program Offerings

	Location(s)	Starting Term(s)
Evenings	Racine	FA, SP

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 Web Advisor 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.

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