



Effective 2015/2016

Career Cluster ►



Career Pathway ►

Maintenance /  
Operations

**FACILITIES MAINTENANCE**

(31-443-2)

Technical Diploma

Most Courses Offered at Kenosha Campus

<sup>Δ</sup> Suggested Sequence	✓	Course Number	Course Title	Requisites	Credits	Hrs/Wk Lec - Lab
Semester 1		442-101 *	Welding Basics		1	0-2
		OR				
		443-101	Forklift Operation & Maintenance			1-0
		601-111 *	Workplace Fundamentals		1	0-2
		605-107 *	Fund. of Electricity/Electronics	(See Note 3)	3	1-4
		103-143	Computers for Professionals	(See Notes 1 & 4)	3	2-2
		801-301	Writing Principles	Prereq: 851-760 (See Note 1)	1	2-0
	804-370	Mathematics I, Applied	Prereq: 854-760 (See Note 1)	2	4-0	
Semester 2		443-311 *	Electrical Applications	Prereq: 605-107; Coreq: 601-111	3	2-4
		443-312 *	Basic Carpentry and Repair	Coreq: 601-111	2	1-3
		443-313 *	Interior Finishing	Coreq: 601-111	2	1-3
		443-314 *	Mechanical Systems	Coreq: 601-111	2	1-3
		443-315 *	Industrial Preventative Maintenance	Coreq: 601-111	2	1-3
		601-112 *	Environmental Systems	Coreq: 601-111	2	1-2
		461-120 *	Small Power Equipment		3	1-4
		804-371	Mathematics II, Applied	Prereq: 804-370	1	2-0

**Minimum Program Total Credits Required 28**

<sup>Δ</sup>Courses may be taken out of suggested sequence as long as requisites have been met.

Federal regulations require disclosure of the following information for this program:

Books and Supplies	Resident Tuition and Fees	U.S. Department of Labor Standard Occupational (SOC) Code & Occupational Profile – available at <a href="http://www.onetonline.org">http://www.onetonline.org</a>
\$2,325	\$4,415	<a href="#">Maintenance and Repair Workers (49-9071)</a>



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**PROGRAM DESCRIPTION**

*Facilities Maintenance* provides the training needed to service, maintain, and operate equipment found in public, commercial, and other buildings. Typical operations employing facilities (building) maintenance workers include hospitals, government buildings, schools, hotels, apartment buildings, light manufacturing facilities, and office buildings. The required skills and knowledge include basic carpentry, basic electricity, basic HVAC (heating, ventilating, and air conditioning), basic plumbing, electrical control devices, and safety.

**PROGRAM LEARNING OUTCOMES**

**Graduates of the Facilities Maintenance Diploma Program should be able to:**

1. Perform basic drywall repairs.
2. Understand need and use of electrical safety devices.
3. Use portable power tools safely.
4. Perform basic preventative maintenance procedures on HVAC equipment.
5. Understand operation of plumbing systems.
6. Perform basic maintenance procedures on small power equipment.
7. Perform basic maintenance procedures on automotive fleet.
8. Understand basic interior wall and ceiling construction methods.

**CORE ABILITIES**

Gateway believes students need both technical knowledge and skills and core abilities in order to succeed in a career and in life. The following nine core abilities are the general attitudes and skills promoted and assessed by all Gateway programs. All Gateway graduates should be able to:

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

**ADMISSION REQUIREMENTS**

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

**GRADUATION REQUIREMENTS**

1. Minimum 28 credits with an average of 2.0 or above.

*For a complete list of Graduation Requirements check the Student Handbook.*

**NOTES**

1. A satisfactory placement test score (or successful remediation) is required prior to enrollment. See an advisor for details.
2. Any course may be taken prior to entry in the program, assuming prerequisites and corequisites have been satisfied (or waived with department approval).
3. 605-107 Course Cost includes Snap On Digital Multi Meter #EEDM525D.
4. Formerly 103-199, PC Basics/Microsoft Office.

**OTHER INFORMATION**

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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To schedule an appointment with an advisor, please call 1-800-247-7122.

For a complete list of course descriptions (and possible online courses) for this program, please consult Web Advisor on our web page at [www.gtc.edu](http://www.gtc.edu).

My advisor is \_\_\_\_\_ My advisor's contact information is \_\_\_\_\_