

GAS UTILITY CONSTRUCTION AND SERVICE

Program Number: 31-469-2

Technical Diploma (1 year)

Campus: Beaver Dam

This program is eligible for financial aid (<http://www.morainepark.edu/financial-aid/>)

Prepare for an exciting career in the natural gas industry in as little as three semesters with the Gas Utility Construction and Service program at Moraine Park Technical College.

About the Program

Demand for gas utility providers and technicians is growing faster than the supply of skilled workers. Get started in MPTC's three-semester Gas Utility Construction and Service technical diploma and learn how to install, operate and maintain gas distribution systems. Students in the program work in MPTC's Energy Education Center (<http://blog.morainepark.edu/tag/energy-education-center/>), which is a fully-functioning gas utility lab.

What You'll Learn

Gas Utility students experience cutting-edge training with state-of-the-art equipment to learn how to install underground natural gas distribution systems and residential and commercial natural gas service lines. Graduates are prepared to adhere to OSHA safety procedures, install gas piping for natural and propane gases, and become familiarized with construction installation for gas appliances. Students will also gain hands-on experience in the physically-demanding underground construction field.

Transfer Opportunities

Your academic journey can continue at a four-year college or university. Earn your associate degree at Moraine Park and then apply those credits toward a bachelor's degree. Starting at MPTC makes completing a bachelor's degree **affordable**, **accessible** and **convenient**. You can go anywhere as MPTC has transfer agreements with colleges and universities both in Wisconsin and throughout the country.

Visit the Transfer to a Four-Year College (<https://www.morainepark.edu/transfer-to-a-four-year-college/>) page for more information on credit transfer agreements between Moraine Park and four-year colleges, both public and private.

Additional Information

CPR/First Aid certification are required components of the program.

Admission Process

Standard Admissions (<http://www.morainepark.edu/admissions/new-student/how-to-apply-for-admissions/>) steps details

Credit for Prior Learning

Transform the skills and abilities developed through previous experience into college credit through MPTC's Credit for Prior Learning process.

- Transfer credit from other colleges/universities
- Earn college credit for your military training and experience
- Earn college credit via Advance Placement, CLEP, DANTES/DSST or MPTC Challenge Exams
- Earn college credit from previous/current work and life experiences

Visit MPTC's Credit for Prior Learning (<https://www.morainepark.edu/academics/credit-for-prior-learning/>) page for more information.

Approximate Costs

Tuition

Occupational

- \$149.50 per credit (resident)
- \$224.25 per credit (out-of-state resident)

Associate of Arts/Associate of Science

- \$188.90 per credit (resident)
- \$283.35 per credit (out-of-state resident)

Online students are not charged out-of-state fees.

Student Fees

- \$5.00 minimum per course Material Fee
- \$13.45 per-credit Supplemental Fee for Undergraduate courses
- \$4.50 per term mandatory Student Accident Insurance Fee

Please refer to Tuition & Fee Information (<https://catalog.morainepark.edu/admissions-registration/tuition-fee-information/>) for additional enrollment fee information.

Financial Aid

Financial Aid is available for associate degree and technical diploma programs (those that are 2 semesters in length and typically with 28 credits or more). Processing can take 4-5 weeks after a student's completed Free Application for Federal Student Aid (FAFSA (<https://studentaid.gov/h/apply-for-aid/fafsa/>)) is received. Visit the Financial Aid (<https://www.morainepark.edu/pay-for-college/financial-aid/>) page to learn more.

While attending Moraine Park during the 2024-25 school year, your estimated cost of attendance for one full year includes tuition of \$4,462 (15 credits for fall and spring semester), fees of \$338, food and housing of \$3,008 (if living with parents, \$9,147 if living on your own), books and supplies of \$1,465, personal expenses of \$3,608, and transportation of \$4,017 for a total of \$17,002. Your direct costs (those costs paid directly to the college) include tuition & fees. The indirect costs (costs not paid to the college) can vary from individual to individual and your own personal needs.

Course Requirements

| Course | Title | Credits |
|---------------------------------|--------------------------------------|---------|
| Semester 1 | | |
| Summer 8 weeks | | |
| 458-301 | Commercial Driver's License Theory 1 | 1 |
| 469-311 | Gas Utility Field Training 1 | 5 |
| 890-101 | College 101 | 2 |
| Summer (August - 1 week) | | |

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| 469-347 | Safety Applications for Utilities 1 ¹ | 1 |
| | Credits | 9 |
| Semester 2 | | |
| Fall 16 weeks | | |
| 103-159 | Computer Literacy - Microsoft Office | 1 |
| 413-318 | Directional Boring | 2 |
| 442-365 | Welding for Gas Utility Construction | 2 |
| 469-320 | Gas Utility Field Training 2 | 5 |
| 469-331 | Gas Utility Field Training 3 | 5 |
| 804-363 | Algebraic Applications for Electrical Trades | 2 |
| | Credits | 17 |
| Semester 3 | | |
| Spring 8 weeks | | |
| 458-302 | Commercial Driver's License Theory 2 | 2 |
| 469-340 | Gas Utility Field Training 4 | 5 |
| 469-348 | Safety Applications for Utilities 2 | 1 |
| | Credits | 8 |
| | Total Credits | 34 |

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Students will obtain OSHA 10 certification thru completion of the Safety Applications for Utilities 1 course (469-347 Safety Applications for Utilities 1).

Program Outcomes

- Install gas piping for natural and propane gases
- Adhere to OSHA Safety procedures
- Maintain gas distribution systems

Career Opportunities

- Gas Utility Construction Worker
- Underground Utilities Construction Worker
- Entry Level Gas Meter and Gas Regulator Technician
- Entry Level Welder in Gas Utility Industry
- Entry Level Propane Gas Delivery and Installation Worker
- Entry Level Mapping Technician
- Underground Facilities Locator
- Utility Meter Reader

Statewide Median Salary for Recent Graduates

\$62,603