

# GAS UTILITY WORKER, ADVANCED CERTIFICATE



College(s): KK

Program Code: 0749

The Advanced Certificate program in Gas Utility Worker consists of general education courses and core courses that feature specific competencies in the safe construction and operation of natural gas distribution systems. The program takes a student through a series of basic and advanced skill sets designed to enhance on-the-job performance and to quickly bring the student to the level of a full-functioning, skilled worker once employed. Upon completion, students who graduate from this program will be prepared to work as a utility worker in the gas utility industry.

## Program Requirements

Code	Title	Hours
<b>Required Program Core</b>		
SPEECH 101	Fundamentals of Speech Communication	3
HISTORY 113	United States Labor History	3
CIS 120	Introduction to Computer Applications	3
ENGLISH 107	Report Writing	3
MATH 107	Math For Technicians I	3
332TECH 434	Introduction To Plumbing	3
332TECH 435	Plumbing Tools & Equipment	2
332TECH 448	Vocational Physical Training I	1
332TECH 449	Professional Development	2
332TECH 452	Basic Electrical Theory	3
332TECH 462	Vocational Physical Training II	1
332TECH 463	Vocational Physical Training III	1
332TECH 503	Gas Utility Training I	6
332TECH 504	Gas Utility Training II	6
332TECH 505	Gas Utility Training III	3
332TECH 506	Gas Utility Training IV	4

432CMGT 609	Construction Safety II	3
Total Hours		50

## Pathway

This is an **example course sequence** for students interested in gas utility work. If this pathway is followed as outlined, you will earn an Advanced Certificate (AC) in Gas Utility Worker. This does not represent a contract, nor does it guarantee course availability.

## Semester-by-Semester Program Plan for Full-Time Students

All plans can be modified to fit the needs of part-time students by adding more semesters.

Semester 1		Hours
<b>MODULE 1</b>		
MATH 107	Math For Technicians I	3
332TECH 434	Introduction To Plumbing	3
332TECH 435	Plumbing Tools & Equipment	2
332TECH 448	Vocational Physical Training I	1
<b>MODULE 2</b>		
SPEECH 101	Fundamentals of Speech Communication	3
HISTORY 113	United States Labor History	3
332TECH 452	Basic Electrical Theory	3
CIS 120	Introduction to Computer Applications	3
<b>MODULE 3</b>		
ENGLISH 107	Report Writing	3
432CMGT 609	Construction Safety II	3
332TECH 503	Gas Utility Training I	6
<b>MODULE 4</b>		
332TECH 504	Gas Utility Training II	6
332TECH 462	Vocational Physical Training II	1
Hours		40
<b>Semester 2</b>		
<b>MODULE 5</b>		
332TECH 505	Gas Utility Training III	3

332TECH 463	Vocational Physical Training III	1	2.39% continue their education beyond an associate degree
332TECH 449	Professional Development	2	
MODULE 6			
332TECH 506	Gas Utility Training IV	4	
	Hours	10	
	Total Hours	50	

Choose your courses with your College Advisor.

## Careers

This program can prepare students for the jobs listed below. Click on each one to learn more, including average earnings, annual job openings, and how much education people in that field have. For additional guidance and resources on career options, current City Colleges students and alumni can contact the Career Services Office (<https://www.ccc.edu/departments/Pages/Career-Services.aspx>).

## Meter Readers, Utilities

### Job Description

Read meter and record consumption of electricity, gas, water, or steam.

### Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

#### Annual Wages

Entry-Level 10 <sup>th</sup> Percentile	\$39,251
Median 50 <sup>th</sup> Percentile	\$64,652
Senior-Level 90 <sup>th</sup> Percentile	\$110,970

#### Hourly Wages

Entry-Level 10 <sup>th</sup> Percentile	\$19
Median 50 <sup>th</sup> Percentile	\$31
Senior-Level 90 <sup>th</sup> Percentile	\$53

### Annual Job Openings

7 annual openings in Cook County

### National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	71.05%
A certificate	0.54%
Some college	17.28%
An Associate degree	8.74%
A Bachelor's degree	2.39%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%