

# CONSTRUCTION MASONRY, BASIC CERTIFICATE



College(s): KK

Program Code: 0759

The Basic Certificate in Construction Masonry is designed to prepare students for employment in the residential and commercial masonry sector of the construction industry. Through theory, lectures and hands on work, students are trained in the skills needed to gain proficiency in brick, concrete, stonework, block and form work. With training on the proper use and maintenance of tools and job safety, completion of this certificate will prepare students for a career as an industry apprentice, journeyman mason, job site foreman, or contractor.

 **Future Ready Eligible**

## Program Requirements

Code	Title	Hours
<b>Required Program Core</b>		
432CMGT 609	Construction Safety II	3
332TECH 427	Masonry Tools & Equipment	2
332TECH 428	Mortar	3
332TECH 429	Basic Math & Specifications	2
332TECH 430	Masonry Installations Procedures	3
332TECH 440	Introduction to Construction Masonry	4
332TECH 449	Professional Development	2
332TECH 472	Vocational Physical Training	2
432CMGT 604	Blueprint and Specifications	3

CIS 120	Introduction to Computer Applications	3
<b>Total Hours</b>		<b>27</b>

## Pathway

This is an **example course sequence** for students interested in earning the Basic Certificate (BC) in Construction Masonry. If this pathway is followed as outlined, you will earn a BC. This does not represent a contract, nor does it guarantee course availability.

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

Semester 1		Hours
<b>PHASE 1</b>		
CIS 120	Introduction to Computer Applications	3
432CMGT 609	Construction Safety II	3
332TECH 427	Masonry Tools & Equipment	2
332TECH 429	Basic Math & Specifications	2
332TECH 440	Introduction to Construction Masonry	4
332TECH 472	Vocational Physical Training	2
<b>PHASE 2</b>		
432CMGT 604	Blueprint and Specifications	3
332TECH 428	Mortar	3
332TECH 430	Masonry Installations Procedures	3
332TECH 449	Professional Development	2
<b>Hours</b>		<b>27</b>
<b>Total Hours</b>		<b>27</b>

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>).

### Cement Masons and Concrete Finishers

#### Job Description

Smooth and finish surfaces of poured concrete, such as floors, walks, sidewalks, roads, or curbs using a variety of hand and power tools. Align forms for sidewalks, curbs, or gutters; patch voids; and use saws to cut expansion joints.

#### 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	\$35,418
Median 50 <sup>th</sup> Percentile	\$80,633
Senior-Level 90 <sup>th</sup> Percentile	\$105,685

##### Hourly Wages

Entry-Level 10 <sup>th</sup> Percentile	\$17
Median 50 <sup>th</sup> Percentile	\$39
Senior-Level 90 <sup>th</sup> Percentile	\$51

#### Annual Job Openings

246 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	86.72%
A certificate	12.65%
Some college	0.00%
An Associate degree	0.62%
A Bachelor's degree	0.00%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

0.00% continue their education beyond an associate degree

### Brickmasons and Blockmasons

#### Job Description

Lay and bind building materials, such as brick, structural tile, concrete block, cinder block, glass block, and terra-cotta block, with mortar and other substances, to construct or repair walls, partitions, arches, sewers, and other structures.

#### 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	\$46,383
Median 50 <sup>th</sup> Percentile	\$74,950
Senior-Level 90 <sup>th</sup> Percentile	\$103,852

##### Hourly Wages

Entry-Level 10 <sup>th</sup> Percentile	\$22
Median 50 <sup>th</sup> Percentile	\$36
Senior-Level 90 <sup>th</sup> Percentile	\$50

#### Annual Job Openings

125 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	83.90%
A certificate	0.00%
Some college	13.38%
An Associate degree	2.71%
A Bachelor's degree	0.00%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

0.00% continue their education beyond an associate degree

### Stonemasons

#### Job Description

Build stone structures, such as piers, walls, and abutments. Lay walks, curbstones, or special types of masonry for vats, tanks, and floors.

#### 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	\$21,096
Median 50 <sup>th</sup> Percentile	\$35,246
Senior-Level 90 <sup>th</sup> Percentile	\$74,709

### Hourly Wages

Entry-Level 10 <sup>th</sup> Percentile	\$10
Median 50 <sup>th</sup> Percentile	\$17
Senior-Level 90 <sup>th</sup> Percentile	\$36

### Annual Job Openings

6 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	70.47%
A certificate	29.53%
Some college	0.00%
An Associate degree	0.00%
A Bachelor's degree	0.00%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

0.00% continue their education beyond an associate degree