The Builders Exchange of Rochester in Partnership with CEI's NEW Online Course Offerings:

ONLINE CONSTRUCTION COURSES

September 14-November 22, 2026

LEARN MORE

Elevate your career in construction with our NEW online course offerings. ROBEX has partnered with Construction Experts Inc. (CEI) to provide members with a wide variety of educational offerings. The upcoming semester will run from **September 14-November 22, 2026.**

Classes labeled means that it's **part of the Certificate in Construction Estimating and Certificate in Construction Practices programs**. Earning course's 1 & 2 construction certification programs will boost your professional work resume and uplevel your expertise!

Classes labeled (!) are a **self-paced course** which can be started at any time. You must complete the course within 10 weeks, but you can work through the course as quickly as you like. There are no weekly goals and no interaction with other students.

ONLINE COURSE OFFERINGS & PRICING FOR UPCOMING SEMESTER

SEPTEMBER 14-NOVEMBER 22, 2026

100 Introduction to Construction (!)

ROBEX Member	$250
NON-ROBEX Member	$450

101 Introduction to Construction Estimating (!)

ROBEX Member	$550
NON-ROBEX Member	$750

102 Essential Construction Math (!)

ROBEX Member	$550
NON-ROBEX Member	$750

103 Construction Blueprint Reading

ROBEX Member	$550
NON-ROBEX Member	$750

105 Estimating and Bidding 1

ROBEX Member	$550
NON-ROBEX Member	$750

106 Estimating and Bidding 2

ROBEX Member	$550
NON-ROBEX Member	$750

CLICK OR SCAN TO REGISTER

CEI CONSTRUCTION EXPERTS INC.

1888 BUILDERS EXCHANGE of ROCHESTER, NY

The Builders Exchange of Rochester in Partnership with CEI's NEW Online Course Offerings:

100 INTRO TO CONSTRUCTION

September 14-November 22, 2026

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Elevate your career in construction with our NEW online course offerings. ROBEX has partnered with Construction Experts Inc. (CEI) to provide members with a wide variety of educational offerings. The upcoming semester will run from **September 14-November 22, 2026.**

About 100 Intro to Construction

100 Introduction to Construction is a self-paced four module Introduction to Construction course that is an introduction to the construction industry, its parties, and processes.

Students will become familiar with the different types of construction, the diverse roles, stages, and processes of a construction project. Students will develop an awareness of safety regulations, safety inspection, construction documents and their uses.

Additionally, students will develop a working understanding of construction project management topics including estimating, project management, scheduling, close out and pay out.

The Introduction to Construction course is organized into 4 learning modules. Plan to study one per week.

In each module there is a quiz (10 points). Halfway through the seminar there is a written assignment (15 points). At the end of the seminar there is a practicum (20 points). It is important that the student keep up with the seminar and not fall behind. Course modules will be released upon the completion of the quiz.

ROBEX Member: $250
NON-ROBEX Member: $450

LEARNING OBJECTIVES

- Understand and use standard construction terminology.
- Identify different types of construction.
- Develop an awareness of construction safety regulations and the role of OSHA.
- Become familiar with building codes, zoning, and inspection.
- Identify and ascertain information about the careers in construction.
- Identify the primary professions engaged in construction and their roles in the construction processes.
- Develop an understanding of the materials and processes used in construction.
- Explain and discuss the various types of contract documents.
- Understand basic concepts of estimating, project management and scheduling.

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CONSTRUCTION EXPERTS INC.

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The Builders Exchange of Rochester in Partnership with CEI's NEW Online Course Offerings:

101 INTRODUCTION TO CONSTRUCTION ESTIMATING

September 14-November 22, 2026

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About 101 Introduction to Construction Estimating

101 Introduction to Construction Estimating is a self-paced class that is designed to be the gateway to more complex and trade specific estimating courses.

This online class is designed to help estimators polish their estimating expertise and learn the basic skills that are absolutely required to produce successful construction estimates.

101 Introduction to Construction Estimating is part of the Certificate in Construction Estimating and Certificate in Construction Practices.

A self-paced course can be started at any time. You must complete the course within 10 weeks, but you can work through the course as quickly as you like. There are no weekly goals and no interaction with other students.

LEARNING OBJECTIVES

- Organization of the estimate
- Types of estimates.
- Elements of an estimate.
- Quantity take off techniques.
- Pricing techniques.
- Adjusting the estimate for a variety of variable factors.
- Estimating labor, materials, and equipment.
- Profit and overhead markups.

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ROBEX Member: $550
NON-ROBEX Member: $750

CEI CONSTRUCTION EXPERTS INC.

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The Builders Exchange of Rochester in Partnership with CEI's NEW Online Course Offerings:

102 ESSENTIAL CONSTRUCTION MATH

September 14-November 22, 2026

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About 102 Essential Construction Math

102 Essential Construction Math is a self-paced class is one of several construction basics online courses, which is intended to develop mathematical skills that can be applied to the construction trade through practice and application.

This course is an introduction to other courses in construction. While this class is not a prerequisite for any other classes, it does provide a foundation for them.

The construction math lessons in this course are based on real-world application.

A self-paced course can be started at any time. You must complete the course within 10 weeks, but you can work through the course as quickly as you like. There are no weekly goals and no interaction with other students.

LEARNING OBJECTIVES

- Use and understand all operations on fractions and decimals that are common to the construction industry.
- Calculate area, and volume of various shapes.
- Convert measurements from fractions to decimals.
- Convert measurements from cubic feet to cubic yards.
- Measure the volume of concrete footings, slabs, walls, and columns.
- Calculate board feet.
- Calculate and measure for basic constructions in wood and concrete.

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ROBEX Member: $550
NON-ROBEX Member: $750

CEI CONSTRUCTION EXPERTS INC.

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The Builders Exchange of Rochester in Partnership with CEI's NEW Online Course Offerings:

103 CONSTRUCTION BLUEPRINT READING

September 14-November 22, 2026

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About 103 Construction Blueprint Reading

103 Construction Blueprint Reading – All construction professionals, regardless of whether they are working in the field or in the office, must learn to read blueprints. Blueprint reading is not terribly difficult, but it does require practice and some basic knowledge of blueprints.

This online blueprint reading course is designed to provide you with foundational knowledge and hands-on practice so you can confidently discuss plans on the job.

Mastery of blueprint reading will come with practice. Once you learn to read blueprints, your career opportunities expand, and you are more in demand.

LEARNING OBJECTIVES

- Have an elementary knowledge of blueprint reading as it relates to building construction projects.
- Understand in general terms the design process and the role of design professionals.
- Be able to find trade information using blueprints.
- Be able to answer basic construction questions related to the layout and installation of materials at the jobsite.
- Be able to identify elementary problems or shortcomings of the blueprints you are using.

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ROBEX Member: $550
NON-ROBEX Member: $750

CEI CONSTRUCTION EXPERTS INC.

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The Builders Exchange of Rochester in Partnership with CEI's NEW Online Course Offerings:

105 ESTIMATING & BIDDING 1

September 14-November 22, 2026

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Elevate your career in construction with our NEW online course offerings. ROBEX has partnered with Construction Experts Inc. (CEI) to provide members with a wide variety of educational offerings. The upcoming semester will run from **September 14-November 22, 2026.**

About 105 Estimating & Bidding 1

The 105 Estimating and Bidding online course features hands-on estimating and quantity take off activities associated with General Conditions, Site Work, Concrete and Form work, and Masonry Estimating. Taking this construction estimator training online is a convenient and flexible way to fit this course into your busy schedule!

This class is part of the Certificate in Construction Estimating and Certificate in Construction Practices programs. Earning course's 1 & 2 construction certification programs will boost your professional work resume and uplevel your expertise!

In each module there are discussions (10 points), a quiz (10 points), and homework (10 points). Course modules will be made available to students on Sunday of each week. Class work must be completed before the following Monday. Students will not be able to work ahead of the class although reading assignments will be made available in advance and posted in the Critical Course Information.

LEARNING OBJECTIVES

- Plan for and organize an estimate.
- Estimate the cost of general conditions.
- Prepare quantity take off of excavation and back-fill.
- Prepare a quantity take off of concrete, and form work.
- Use unit prices to price your estimate.
- Prepare a quantity take off and conceptual estimate of masonry work.

ROBEX Member: $550
NON-ROBEX Member: $750

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COURSE PREREQUISITES

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CONSTRUCTION EXPERTS INC.

BUILDERS EXCHANGE of ROCHESTER, NY 1888

The Builders Exchange of Rochester in Partnership with CEI's NEW Online Course Offerings:

106 ESTIMATING & BIDDING 2

September 14-November 22, 2026

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Elevate your career in construction with our NEW online course offerings. ROBEX has partnered with Construction Experts Inc. (CEI) to provide members with a wide variety of educational offerings. The upcoming semester will run from **September 14-November 22, 2026.**

About 106 Estimating & Bidding 2

This 106 Estimating and Bidding 2 is one of our many estimating classes that features hands-on estimating and quantity take off activities associated with Metals, Wood, Doors and Windows, Finishes, Electrical, and Mechanical Estimating. We will also focus on the preparation of work-place ready estimating documents.

This class is part of the Certificate in Construction Estimating and Certificate in Construction Practices programs. As one of our commercial estimating courses, 106 Estimating and Bidding 2 is designed to expand your view and knowledge of what happens in the field.

In each module there are discussions (10 points), a quiz (10 points), and homework (10 points).It is important that the student keep up with the class and not fall behind. Course modules will be made available to students on Sunday of each week. Class work must be completed before the following Monday.

LEARNING OBJECTIVES

- Perform quantity take offs and conceptual estimating for structural and miscellaneous metals.
- Prepare quantity take offs and estimates for rough carpentry and framing.
- Prepare quantity take offs and conceptual estimates for waterproofing and roofing.
- Prepare a quantity take off and conceptual estimate of various finish trades.
- Utilize conceptual estimating methods to arrive at mechanical and plumbing budgets.
- Utilize conceptual estimating methods to arrive at electrical budgets.

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COURSE PREREQUISITES

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NON-ROBEX Member: $750

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