

CAREER PROFILES

Construction Estimators:

Construction Estimators analyze costs of and prepare estimates on civil engineering, architectural, structural, electrical, and mechanical construction projects.

Wage/Salary Information:

\$52,800 is the median annual salary found in local job-postings.

\$33.16/hour is the median wage reported locally.

Commonly Listed Skills in Job Postings:

- Microsoft Office
- Detail oriented
- Blueprint reading
- Oral and written communication
- Teamwork
- Project management
- AutoCAD
- Problem solving
- Time management
- Management
- Negotiation
- Organizational skills
- Analytical
- Self-motivated
- Creativity
- Budgeting
- Work independently
- Computer use
- Interpersonal

Job Duties:

Construction Estimators prepare estimates or probable costs of materials, labour, and equipment for construction projects based on contract bids, quotations, schematic drawings, and specifications. Construction Estimators advise on tendering procedures, examine and analyze tenders, recommend tender awards, and conduct negotiations. They establish and maintain tendering processes and set up cost monitoring and reporting systems and procedures and prepare cost and expenditure statements and forecasts at regular intervals for the duration of a project. Construction Estimators prepare and maintain a directory of supplies,

contractors, and subcontractors. They also liaise, consult, and communicate with engineers, architects, owners, contractors, and subcontractors, and prepare feasibility studies on changes and adjustments to cost estimates.

Working Conditions:

Construction Estimators typically work a 40-hour week, with overtime during busy periods. These workers spend a large portion of their day at construction sites; however, they also work in an office.

These workers may be exposed to hazards, including equipment-related hazards, chemicals or toxic materials. Safety precautions and protective equipment are worn to reduce risks.

There is a great deal of competition amongst construction estimator companies, so workers must be able to meet strict deadlines. Failure to meet a deadline can result in the loss of a week of work and preparation.

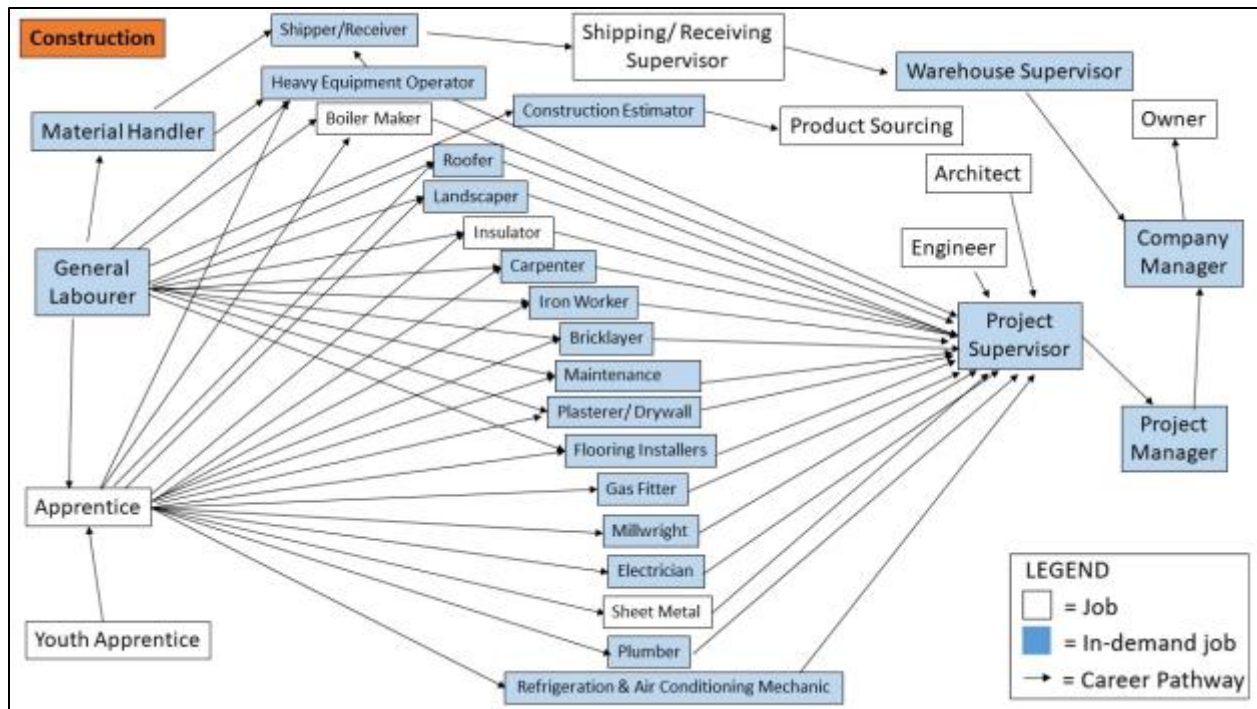
Industry sources report that Construction Estimators are increasingly required to understand the conceptual and planning stages of projects (i.e. early or conceptual estimates are increasingly required in addition to traditional detailed construction estimates).

Career Pathways:

Once employed, Construction Estimators still need to undergo on-the-job training to gain the required experience. Prospective Estimators may consider an internship or co-op program with a construction company while in college.

Construction Estimators are employed by construction companies, consulting quantity surveying companies, project management companies, the public sector, and major electrical, mechanical, and trade contractors. Many are also self-employed. Below are potential career pathways for Construction Estimators.

- Building Construction Estimator
- Chief Estimator – Construction
- Construction Estimator
- Cost Estimator – Construction
- Electrical Estimator - Construction
- Principal Estimator – Construction
- Professional Quantity Surveyor
- Quantity Surveyor - Construction



Education and Training Pathways:

If you're interested in becoming a Construction Estimator, you can acquire training/education locally at any of the following institutions.

St. Clair College:

Civil Engineering Technology

Admission/Eligibility Requirements: OSSD with the majority of courses at the College ©, University (U), University/College (M), or Open (O) level plus: Grade 12 Math © or (U)

Academic Credential: Three Year - Ontario College Advanced Diploma

Professional Certification: Unknown

Attendance: In-person

Full-time or Part-time: Full-time

Program Length: 3 years

Program Cycle: Unknown

Program Cost:

- Year 1: \$4,186.61
- Year 2: \$3,781.05

- Year 3: \$3,804.05
- Total: \$11,771.71 (2017/18)

OSAP Eligible: Yes

Location: 2000 Talbot Road West, Windsor, N9A 6S4

For more information on this program, please visit:

<http://www.stclaircollege.ca/programs/postsec/civil/>

Construction Engineering Technician

Admission/Eligibility Requirements: OSSD with the majority of courses at the College ©, University (U), University/College (M), or Open (O) level plus: Grade 12 Math © or (U)

Academic Credential: Two Year - Ontario College Diploma

Professional Certification: Unknown

Attendance: In-person

Full-time or Part-time: Full-time

Program Length: 2 years

Program Cycle: Unknown

Program Cost:

- Year 1: \$4,186.61
- Year 2: \$3,804.05
- Total: \$7,990.66 (2017/18)

OSAP Eligible: Yes

Location: 2000 Talbot Road West, Windsor, N9A 6S4

For more information on this program, please visit:

<http://www.stclaircollege.ca/programs/postsec/construction/>

[University of Windsor:](#)

Engineering Technology

Admission Requirements:

- A three-year Canadian college technology diploma holder (or an equivalent overseas institution)
- or
- An engineering degree from an accredited Canadian university (and an equivalent

overseas institution)

or

A four-year university degree in a scientific or technical subject from a Canadian University (or an equivalent overseas institution)

- (a 70% average on one of these requirements is usually expected)

Academic Credential: Degree - Bachelor of Engineering Technology

Professional Certification: 1 year upgrade program for college students

Attendance: In-person

Full-time or Part-time: Full-time

Program Length: 1 year

Program Cycle: Intake for Fall, Winter, Summer

Program Cost: Unknown

OSAP Eligible: Yes

Location: 401 Sunset Avenue, Windsor, N9B 3P4

For more information on this program, please visit:

<http://www.uwindsor.ca/engineering/483/bachelor-engineering-technology>

Civil Engineering

Admission Requirements:

- Minimum Admissions Average: 74%
- Mean Admissions Average: 86%
- Admission Requirements: ENG4U, MHF4U, SCH4U, and SPH4U required. MCV4U strongly recommended. 74% second Science/Math average, excluding SB14U.

Academic Credential: Bachelor of Applied Science in Civil Engineering

Professional Certification: Opportunity for Honours Certificate in Civil Engineering

Attendance: In-person

Full-time or Part-time: Full-time

Program Length: 4 years

Program Cycle: Intake for Fall, Winter, Summer

Program Cost: *\$11714.28

OSAP Eligible: Yes

Location: 401 Sunset Avenue, Windsor, N9B 3P4

For more information on this program, please visit:

<http://www.uwindsor.ca/engineering/civil/50/civil-engineering>

***Disclaimer:** The educational institution reserves the right to change information without notice, and may result in discrepancies between their information and the information presented above. If any errors are found, please report them to info@workforcewindsorsex.com.*