

CAD DRAFTER

N.O.C 2253



DESCRIPTION:

Drafters prepare technical drawings and plans. These plans are used by construction workers to build roads, buildings and other structures. Drafters' drawings show the technical details of the products and structures, and specify dimensions, materials, and procedures.

ONE OUT OF EVERY 17 CANADIAN WORKERS

EARN A LIVING IN CONSTRUCTION

SKILLS

- Understand new information or materials by studying and working with them.
- Develop rules or follow guidelines to arrange objects or actions in a certain order
- Identify problems and review information, communicating with others
- Use math skills to solve problems

DUTIES

- Visit job sites and WORK with engineers, to learn more about the structure to be drawn
- Use drafting tools and computer-aided drafting (CAD) systems to prepare technical drawings
- Specify which materials are to be used, determining actions and instructions, based on design
- Refer to building codes, technical handbooks, and tables for information
- Estimate sizes, quantities, time, cost, or materials needed

EDUCATION

- Two-to-three-year college program in engineering design and drafting technology
- Trade certification of drafts persons is available, but voluntary in Ontario
- Certification through provincial associations of engineering/applied science technologists and technicians may be required by the employer (OACETT)

SALARY RANGE:

38,000 TO 100,000

Visit www.constructU.ca and take our career survey. To construct U!

PROGRAM DESCRIPTION:

In the Civil/CONSTRUCTION Engineering Technology diploma program you gain a balanced education in civil engineering theory combined with practical work in laboratories and in the field. Specialization takes place through a third-year major project. You become familiar with the structural properties of timber, steel, masonry and concrete and study the design of roads, buildings, structures, water distribution and sewage and drainage systems. Technical communication is a significant part of working in construction and is covered in this course

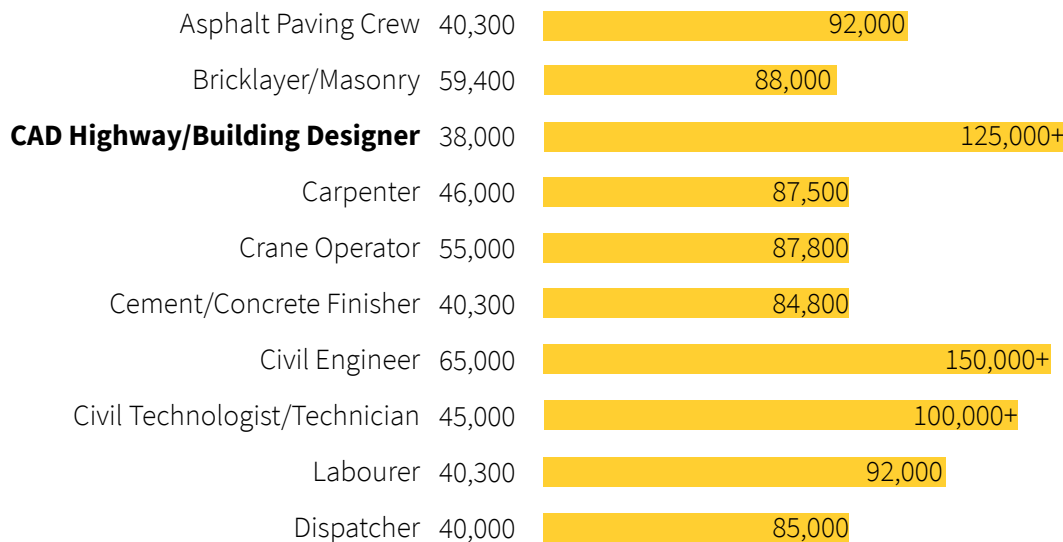
WHERE TO STUDY IN ONTARIO:

CONESTOGA COLLEGE CIVIL ENGINEERING
CONFEDERATION COLLEGE CIVIL ENGINEERING TECHNOLOGY
FANSHAW COLLEGE CIVIL ENGINEERING
CAMBRIAN COLLEGE CIVIL ENGINEERING
LOYALIST COLLEGE CIVIL ENGINEERING
ALGONQUIN COLLEGE ENGINEERING
ST LAWRENCE COLLEGE CIVIL ENGINEERING

CANDORE COLLEGE CIVIL ENGINEERING
NORTHERN COLLEGE CIVIL ENGINEERING
SENECA COLLEGE CIVIL ENGINEERING
ST.CLAIR COLLEGE CIVIL ENGINEERING
MOHAWK COLLEGE CIVIL ENGINEERING
DURHAM COLLEGE CIVIL ENGINEERING

THE \$ MONEY

Average salaries based on a 44hr work week.



GETTING STARTED

THE OCCA CAN HELP YOU EXPLORE THESE THREE PATHWAYS:

- 1** You can begin by applying for a job directly in the Construction Industry. Once you begin working with a Construction Company or Contractor you will quickly gain the necessary skills needed to advance yourself through in-house, work-as-you-learn training.
- 2** You can enroll in a University, Community College or a Private Technical School to study and prepare yourself for a Career in Construction. All of this information may be found through our website.
- 3** You can get started through an apprenticeship program by combining on the job training with technical in-class training, gaining experience and increased responsibility. You can work in the industry, get paid, and work towards earning credits.

IF YOU ARE INTERESTED IN A CAREER IN CONSTRUCTION PLEASE CONTACT:

info@myOCCA.ca

www.myocca.ca

ONTARIO CONSTRUCTION CAREERS ALLIANCE
5045 ORBITOR DRIVE, UNIT 12, SUITE 300 MISSISSAUGA, ONTARIO

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[@constructU.ca](https://www.instagram.com/constructUca)

OCCA

Ontario Construction Careers Alliance