

CAD DRAFTER

DESCRIPTION

Drafters are key for safe and secure structures in the economy by preparing 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.

SKILLS

- Understand new information or materials
- 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
- 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 (OACETT)

RELATED PATHWAY OPTIONS

Technician Draftsman
Electrical Designer/Drafter

SALARY RANGE \$38,000 to \$100,000

VISIT WWW.MYOCCA.CA FOR MORE CAREERS IN CONSTRUCTION

WHERE TO TRAIN

N/A

OTHER OPTIONS

CONESTOGA COLLEGE CIVIL ENGINEERING

LOYALIST COLLEGE CIVIL ENGINEERING

CONFEDERATION COLLEGE CIVIL ENGINEERING
TECHNOLOGY

ALGONQUIN COLLEGE ENGINEERING

FANSHAWE COLLEGE CIVIL ENGINEERING

DURHAM COLLEGE CIVIL ENGINEERING

CAMBRIAN COLLEGE CIVIL ENGINEERING

ST LAWRENCE COLLEGE CIVIL ENGINEERING

ST.CLAIR COLLEGE CIVIL ENGINEERING

CANDORE COLLEGE CIVIL ENGINEERING

MOHAWK COLLEGE CIVIL ENGINEERING

NORTHERN COLLEGE CIVIL ENGINEERING

SENECA COLLEGE CIVIL ENGINEERING

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 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 .

3

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.

