



Drafting Technician and Technologist

Median Yearly Income (2010): \$46, 470

Drafting technicians and technologists prepare engineering designs, drawings and related technical information, in multidisciplinary engineering teams or in support of engineers, architects or industrial designers.

WHAT YOU DO

Drafting technicians develop and prepare engineering drawings, plans, diagrams, and layouts from sketches.

Drafting technologists operate computer-aided design (CAD) and drafting stations, develop and prepare design sketches, and write technical reports.

In the oceans technology sector, drafting technologist and technicians play a critical role, especially throughout the designing, building and repairing stages for ships and other marine vessels such as submarines.

WHAT YOU NEED

- ❖ Be talented in drawing and sketching;
- ❖ Have the skills to implement a creative and systematic approach to projects;
- ❖ Accurate, precise, and efficient;
- ❖ Able to work under pressure and meet deadlines is also necessary; and
- ❖ Excellent computer skills.



Drafting technicians and technologists perform some or all of the following duties:

- ❖ Develop and prepare engineering designs and drawings from preliminary concepts, sketches, engineering calculations, specification sheets and other data;
- ❖ Operate computer-assisted design (CAD) and drafting workstations;
- ❖ Develop and prepare design sketches;
- ❖ Check and verify design drawings to conform to specifications and design data;
- ❖ Write technical reports; and
- ❖ Prepare contracts and tender documents.

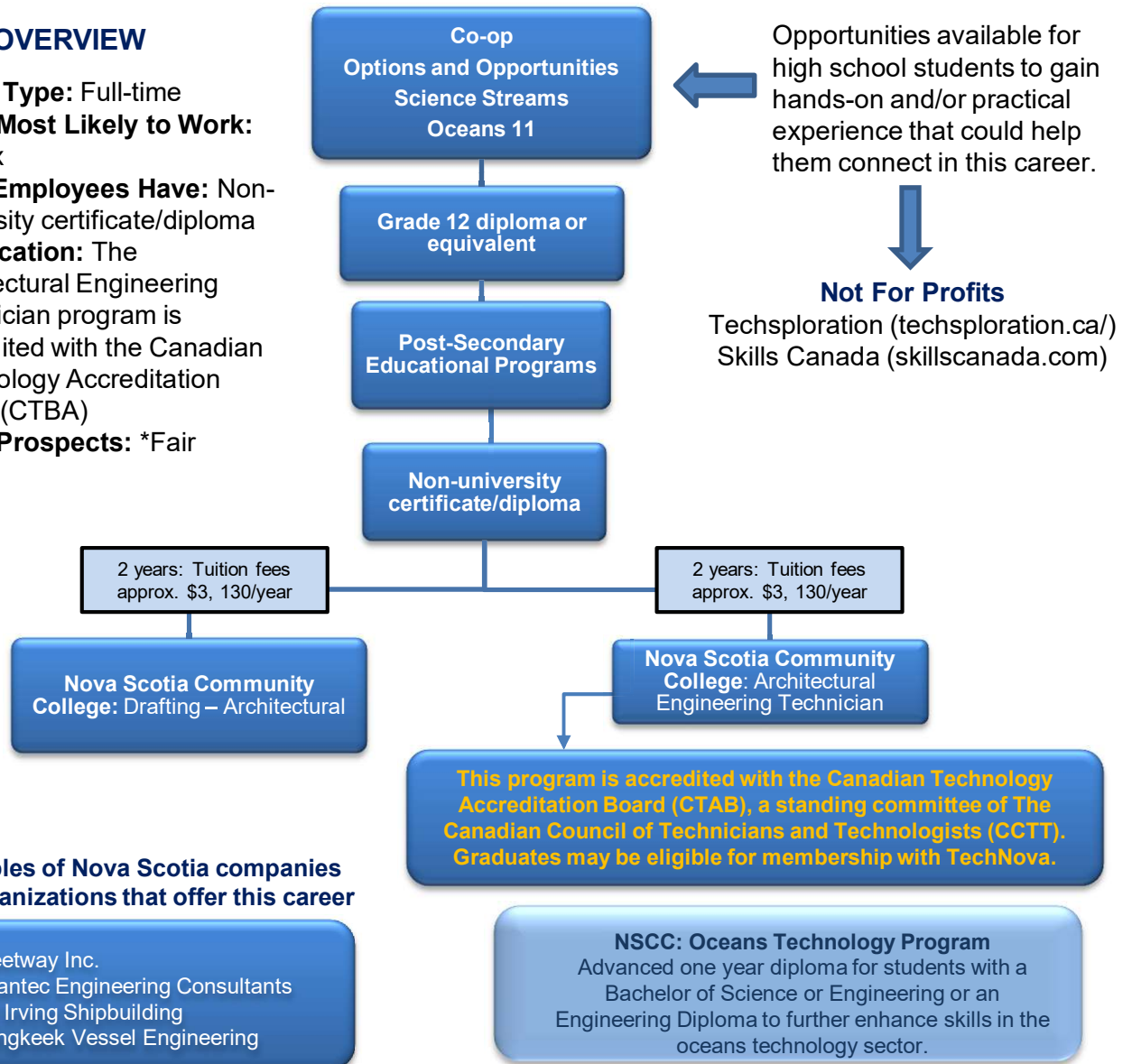
Drafting Technician and Technologist



CAREER PATHWAY

OVERVIEW

- ❖ **Work Type:** Full-time
- ❖ **Area Most Likely to Work:** Halifax
- ❖ **Most Employees Have:** Non-university certificate/diploma
- ❖ **Certification:** The Architectural Engineering Technician program is accredited with the Canadian Technology Accreditation Board (CTBA)
- ❖ **Work Prospects:** *Fair



References and Resource Links

- *The employment outlook over the next few years for this occupational group is “fair”, which indicates the chances of a qualified individual finding work is around average
- Careers Nova Scotia (<http://careers.novascotia.ca/>)
- Create your career plan (careeringear.nsc.ca)
- Nova Scotia Apprenticeship Agency (www.nsapprenticeship.ca) ; TechNova (<http://www.technova.ca/>)
- 2253 national occupation classification (<http://www5.hrsdc.gc.ca/NOC/English/NOC/2011/ProfileQuickSearch.aspx?val=2&val1=2253&val65=drafting>)