



# Electrical Engineering Technicians and Technologists

Median Yearly Income (2010): \$56, 861

**This unit group is for all electrical and electronics engineering technologists and technicians: In these occupations you may work independently or provide technical support and services in the design, development, testing, production and operation of electrical and electronic equipment and systems.**

## WHAT YOU DO

*In the oceans technology sector,* electrical engineering technicians and technologists install, commission and operate a broad range of electrical components on marine vessels, from power plants to navigation to acoustics, and from communications to monitoring systems.



***Electrical engineering technicians and technologists perform some or all of the following duties:***

- ❖ Design, develop and test power equipment and systems, industrial process control systems, telecommunication, audiovisual systems, computers, computer systems and networks, and computer software;
  - ❖ Supervise the building and testing of prototypes according to general instructions and established standards;
  - ❖ Conduct or supervise the installation, commissioning, and operation of electrical equipment and systems; and
  - ❖ Carry out applied research under the direction of scientists or engineers.
- ❖ Have a keen interest in technology and discovering how things work;
  - ❖ Possess a good mechanical aptitude;
  - ❖ Pay excellent attention to detail;
  - ❖ Possess the ability to work under pressure and able to collaborate and cooperate with others as part of a team; and
  - ❖ Having effective oral and written communication skills are also essential.

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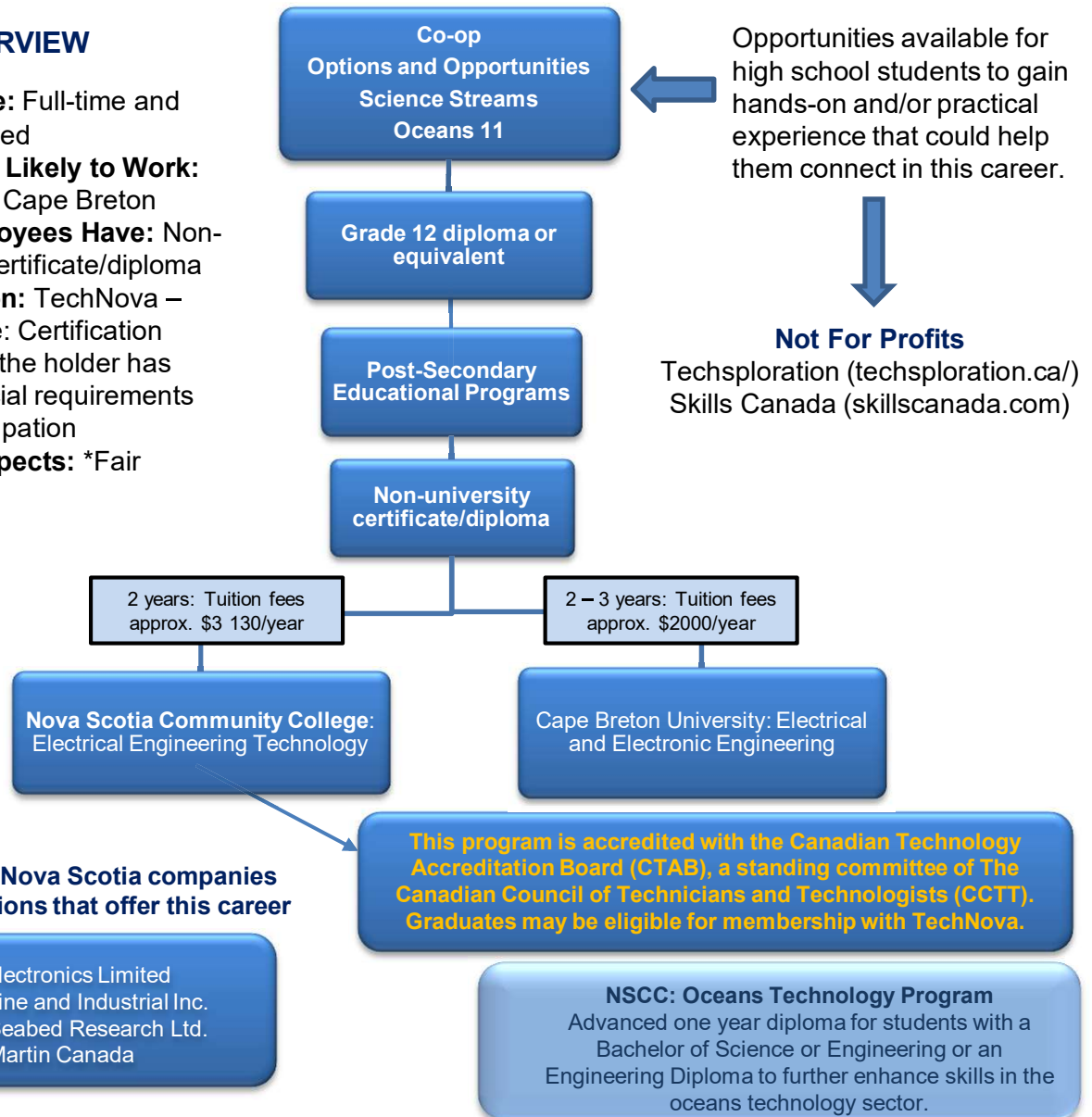


En.wikipedia.org, 2015

## CAREER PATHWAY

### OVERVIEW

- ❖ **Work Type:** Full-time and self-employed
- ❖ **Area Most Likely to Work:** Halifax and Cape Breton
- ❖ **Most Employees Have:** Non-university certificate/diploma
- ❖ **Certification:** TechNova – Right to title: Certification attests that the holder has met provincial requirements for the occupation
- ❖ **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](http://careeringear.nsc.ca))
- TechNova (<http://www.technova.ca/>)
- 2241 national occupation classification (<http://www5.hrsdc.gc.ca/NOC/English/NOC/2011/ProfileQuickSearch.aspx?val=2&val1=2241&val65=Electrical+technician>)