

# CARDIOLOGY TECH

## NATURE OF THE WORK

Cardiology Technologists (ECG Tech) have the skills to operate electronic diagnostic equipment to record cardiac activity to aid in the treatment and diagnosis of heart disease.

ECG Techs are involved in the performance of vital cardiac testing utilizing a wide range of sophisticated medical equipment essential for providing the cardiologist with valuable diagnostic information. Cardiology is a fast-paced discipline.

## HIGH SCHOOL PREREQUISITES

- Students will have completed a minimum of five university preparatory grade XII level courses with an overall average of 60 percent or higher and no individual grade below 60 percent.
- Grade XII academic English with a grade level of 65 percent or higher and grade XI academic mathematics are required together with at least two grade XII courses from the following: biology, chemistry, global geography, global history, mathematics, modern languages and physics.
- The remaining two grade XII subjects may be taken from the above or from other university preparatory subjects approved by the provincial department of education and acceptable to the University/College where the program of study is offered. Those courses include: accounting, computer-related studies, economics, geography, geology, law, modern world problems, home economics (human ecology), music, political science and sociology.

## OTHER PREREQUISITES

- 500 word essay detailing interest in the program.
- Work-related or volunteer experience is highly recommended.
- Visit to a cardiology department.
- Proof of current CPR certification.

## REQUIREMENTS

Cardiology Technologists require the completion of a two-year college diploma in cardiology technology and a period of supervised practical training.

To be certified technologists must successfully complete the Canadian Society of Cardiology Technologists national exams.

## WHERE THE PROGRAM IS OFFERED

The British Columbia Institute of Technology (BCIT) offers a Cardiology Technology Diploma Program in a distance education format.

Prior to formal acceptance into the BCIT program, candidates will be required to:

1. Declare candidacy in the diploma program.

2. Obtain acceptance at a clinical practicum site.
3. Attend an orientation in a hospital cardiology department.
4. Complete the student health questionnaire and update any required immunizations.

Mohawk College of Applied Art & Technology offers a 35 week Cardiovascular Technician program which prepares graduates with the knowledge and skills to assist physician in non-invasive cardiac diagnostic procedures.

CDI College offers a 28 week ekectricarduigraphic interpretive skills in non-invasive electrocardiographic diagnostic procedures.

### **Contact Information**

BC Institute of Technology  
3700 Willingdon Avenue  
Burnaby BC V5G 3H2  
Contact: Wayne Hay  
Telephone: 604-432-8956 or 1-800-663-6542, ext. 8956  
E-mail: [www.health.bcit.ca](http://www.health.bcit.ca)

Mohawk College of Applied Art & Technology  
PO Box 2034  
Hamilton, ON L8N 3T2  
Telephone: 905-575-1212

CDI College  
2 Bloor Street West – Cumberland Terrace  
Toronto, ON M4W 3E2  
Telephone: 416-963-8633  
Fax: 416-963-5919  
[www.cdicollege.com](http://www.cdicollege.com)

### **EARNING POTENTIAL**

ECG Salary Scales - 2008  
ECG Tech II \$35,389 - \$39,546  
ECH Tech I \$32,332 – 35,261

### **GENERAL**

To work in this field you should be interested in medicine and health. Manual dexterity and good coordination are necessary. You must be able to deal with people in a mature, tactful and professional way. You should also be comfortable working with instruments, apparatus and technology.

*For additional information please visit [www.csct.ca](http://www.csct.ca)*