

## Essential Skills you will need for your Career Pathway

The fourteen skills described below are identified by Human Resources Development Canada as "essential skills" through research and interviews with over 3,000 Canadian workers. These skills are used to varying degrees in virtually all occupations; they are not the technical skills required by specific occupations. People in all types of jobs need to be able, for example, to read, to make decisions, and to solve problems. They also need to develop such general skills for use not only in the workplace, but also in everyday life and for lifelong learning.

- **Reading...**the comprehension of text consisting of sentences and paragraphs
- **Writing...**the preparation of written materials for a variety of purposes
- **Use of documents...**the use of labels, lists, signs, graphs, charts, tables, forms, and other similar materials
- **Use of computers...**the use of any type of computerized technology
- **Money math...**the use of mathematical skills in making financial transactions, such as handling cash, preparing bills, and making payments
- **Scheduling or budgeting and accounting...**planning for the best use of time and money, as well as monitoring of the use of time and money
- **Measurement and calculation...**the measurement and calculation of quantities, areas, volumes, and/or distances
- **Data analysis...**the collection and analysis of data in numerical form
- **Numerical estimation...**the production of estimates in numerical form
- **Oral communication...**the use of speech for a variety of purposes
- **Job task planning...**the planning and organization of one's own work
- **Decision making...**the making of any type of decision, using appropriate information
- **Problem solving...**the identification and solving of problems
- **Finding information...**the use of a variety of sources, including written text, people, computerized databases, and information systems

## For further information, please contact:

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**Make an appointment to see your school  
guidance councillor to discuss the  
Appliance Servicing program in greater detail.**



**Cambrian College  
of Applied Arts  
and Technology**

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Canada P3A 3V8  
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A joint Rainbow District School Board, the Sudbury Catholic District School Board and Cambrian College initiative.

# Pathways

Enhancing **Educational**  
Opportunities for **Students**

A School / College / Work Initiative

## Appliance Servicing

Course Selection and Career Pathways

*From*  
Lo-Ellen Park Secondary School  
*To*  
Cambrian College of Applied Arts and Technology



**CAMBRIAN  
COLLEGE**

Sudbury • Ontario  
www.cambrianc.on.ca

**Students following this pathway would possess the following characteristics**

- Ability to work independently
- Excellent physical condition
- Visualization skills
- Patient and analytical
- Mathematical and science skills
- Strong problem solving skills
- High mechanical aptitude
- Work well with hands

**Employment Opportunities**

- Factory representatives
- Field representatives
- Appliance sales people
- Appliance inspectors
- Productions supervisors
- Parts departments
- Self-employment

**Cambrian College Admission Requirements**

OSSD or equivalent or mature student status, including:

- Grade 10 English (P) or (D)
- Grade 10 Mathematics (P) or (D)
- Grade 10 Science (P) or (D)

**Program description**

This program is designed to provide knowledge required for the maintenance and repair of home appliances and domestic refrigeration equipment. The first year of a two-year apprenticeship towards the Certificate of Qualification (C of Q).

# Appliance Servicing

Note: (\*) indicates compulsory credits for OSSD

Shaded text = credits recommended for transition to college program

| Grade 9<br>(8 Credits)                            |                               | Grade 10<br>(8 Credits)                                                                                                                                                                                                                                                                                                          |                     | Grade 11<br>(8 Credits)  |                      | Grade 12<br>(6 Credits)      |                              |
|---------------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|----------------------|------------------------------|------------------------------|
| English*                                          | ENG1D<br>ENG1P                | English*                                                                                                                                                                                                                                                                                                                         | ENG2D<br>ENG2P      | English*                 | ENG3C<br>or<br>ENG3E | English*                     | ENG4C<br>or<br>ENG4E         |
| Math*                                             | MPM1D<br>MFM1P                | Math*                                                                                                                                                                                                                                                                                                                            | MPM2D<br>MFM2P      | Math*                    | MEL3E                | Math                         | MEL4E                        |
| Canadian Geography*                               | CGC1D<br>CGC1P                | Canadian History*                                                                                                                                                                                                                                                                                                                | CHC2D<br>CHC2P      | Option                   | Option               | Physics                      | SPH4C                        |
| Science*                                          | SNC1D<br>SNC1P                | Science*                                                                                                                                                                                                                                                                                                                         | SNC2D<br>SNC2P      | Manufacturing Technology | TMJ3E                | Manufacturing Technology     | TMJ4E                        |
|                                                   |                               |                                                                                                                                                                                                                                                                                                                                  |                     |                          |                      | <b>OR</b>                    |                              |
| French*                                           | FSF1D<br>FSF1P<br>or<br>FIF1D | Careers and Civics*<br>0.5 cr. each                                                                                                                                                                                                                                                                                              | GLC2O<br>&<br>CHV2O | Technological Design     | TDJ3M<br>TDJ3E       | Technological Design         | TDJ4M<br>TDJ4E               |
| Healthy Active Living*                            | PPL1OF<br>PPL1OM              | Manufacturing Technology                                                                                                                                                                                                                                                                                                         | TMJ20               | Option                   | Option               | Option<br>or<br>Study Period | Option<br>or<br>Study Period |
|                                                   |                               |                                                                                                                                                                                                                                                                                                                                  | <b>OR</b>           |                          |                      |                              |                              |
| Option                                            | Option                        | Technological Design                                                                                                                                                                                                                                                                                                             | TDJ2O               | Option                   | Option               | Option<br>or<br>Study Period | Option<br>or<br>Study Period |
| Option                                            | Option                        | Option                                                                                                                                                                                                                                                                                                                           | Option              | Option                   | Option               | Option                       | Option                       |
| <b>ADDITIONAL<br/>COMPULSORY<br/>REQUIREMENTS</b> |                               | 1 credit in Arts<br>1 additional credit in English, or Third Language, or Social Sciences and the Humanities, or Canadian and World Studies<br>1 additional credit in Health and Physical Education, or the Arts, or Business Studies<br>1 additional credit in Science (Grade 11 or 12) or Technological Education (Grade 9-12) |                     |                          |                      |                              |                              |

**Some of the above courses are also offered in Enriched, French Immersion, Pre-IB and laptop**