ELECTRONICS REPAIR TECHNOLOGY DIPLOMA

Purpose

This diploma program is designed for people who wish to obtain employment in the consumer electronics repair industry as a computer repair technician, television repair technician, appliance repair technician and mobile device repair technician. Students may exit the program after completion of the first year of courses with a Certificate, or complete both years of the program to exit with a Diploma in Electronic Repair Technology.

Duration

The program is a 2-year diploma. The maximum time for completion is 5 years.

Learning Outcomes

Upon successful completion of this program, graduates will be able to:

1. Apply the skills and knowledge necessary to perform as an entry level computer repair technician, television repair technician, appliance repair technician and mobile device repair technician.

2. Evaluate completed repairs for consistency, accuracy and quality according to industry specifications and standards.

3. Adhere to industry health and safety standards in the repair and reconditioning of consumer electronics and appliances.

4. Practice professional etiquette and personal hygiene while performing repairs.

5. Work effectively as a team member while performing repairs.

Admission Requirements

English 11 with a C- or equivalent

> OR Academic IELTS 6.0 (no band less than 5.5)

> OR TOEFL 70

> OR English Language Proficiency at the Grade 11 level

AND

Apprentice and Workplace Math 10 with a C- or equivalent

OR

Departmental approval based on relevant experience will be considered

Program Requirements

First Year		Credits
ELRT 1002	DC Circuit Analysis	3
ELRT 1001	Alternating Current (AC) Basic	3
ELRT 1003	Power Supply Fundamentals	3
ELRT 1004	Technical Skills 1	5
ELRT 1005	Introduction to Lean Six Sigma	1
ELRT 1200	Customer Service Essentials	1
ELRT 1201	Measurement & Instrumentation	3
ELRT 1203	Technical Skills 2	5
ELRT 1204	Software for Repair Technician	3
ELRT 2102	Principles of Management	3
	Credits	**30**
Second Year		
ELRT 1202	Samsung Systems and Controls	3
ELRT 2100	Business Mathematics	3
ELRT 2001	Intro to Computer Hardware	3
ELRT 2101	The Canadian Economy	3
ELRT 2003	LCD Monitor and TV Repair	3
ELRT 2002	Mobile Device Repair	3
ELRT 2004	Technical Skills 3	6
ELRT 2103	Comm in the Canadian Workplace	3
ELRT 2104	Organizational Behaviour	3
	Credits	**30**
	Total Credits	**60**

Evaluation of Student Learning

For each course in the program, a number of exams and formal lab projects will be undertaken by the students. The exact number of exams and lab projects will depend on the length and nature of each course.

As the students are being trained for employment, professional attitude, attendance, hand skills, skill diagnosing and repairing equipment will also impact the lab grade.

To receive a Diploma in Electronics Repair Technology, a student must achieve a minimum grade of C in each course.

Students who complete ELRT 1001, ELRT 1002, ELRT 1003, ELRT 1005, ELRT 1200, ELRT 1201, ELRT 1202, ELRT 1204, ELRT 2001, ELRT 2002 and ELRT 2003 with a C average (2.00 GPA), may exit with a Certificate in Electronics Repair Technology.

Prior Learning Assessment and Recognition (PLAR)

None

Transcript of Achievement

The evaluation of learning outcomes for each student is prepared by the instructor and reported to the Student Records Department at the completion of semesters.

The transcript typically shows a letter grade for each course. The grade point equivalent for a course is obtained from letter grades as follows:

Grading Standard

Grade	Percentage	Description	Grade Point Equivalency
A+	90-100		4.33
A	85-89		4.00
A-	80-84		3.67
B+	76-79		3.33
B	72-75		3.00
B-	68-71		2.67

C+	64-67		2.33
C	60-63	Minimum Pass	2.00
C-	55-59		1.67
D	50-54		1.00
F	0-49	Failing Grade	0.00
S	70 or greater	Satisfactory – student has met and mastered a clearly defined body of skills and performances to required standards	N/A
U		Unsatisfactory – student has not met and mastered a clearly defined body of skills and performances to required standards	N/A
I		Incomplete	N/A
IP		Course in Progress	N/A
W		Withdrawal	N/A
Course Standings			
R		Audit. No Credit	N/A
EX		Exempt. Credit granted.	N/A
TC		Transfer Credit	N/A

Grade Point Average (GPA)

1.   The course grade points shall be calculated as the product of the course credit value and the grade value.

2.   The GPA shall be calculated by dividing the total number of achieved course grade points by the total number of assigned course credit values. This cumulative GPA shall be determined and stated on the Transcript at the end of each Program level or semester.

3.   Grades shall be assigned to repeated courses in the same manner as courses taken only once. For the purpose of GPA calculation of grades for repeated courses, they will be included in the calculation of the cumulative GPA.