



ELECTRO-TECHNOLOGIES 1050 – ELECTRONIC POWER SUPPLY 1

ELT1050

1 Credit Course

Course Overview	Students construct different types of alternating and direct current power supplies and demonstrate their application in electrical/electronic systems.												
Prerequisite	<i>Please refer to Alberta Education’s Provincially Authorized Senior High School Courses and Course Codes Document</i>												
Required Materials & Resources	<ul style="list-style-type: none"> All materials, tools, and machines are provided in our CTS lab 												
Learning Outcomes	<p><i>The student will demonstrate an ability to:</i></p> <ol style="list-style-type: none"> identify and describe various types of alternating and direct current power supplies construct a simple power supply test a regulated, filtered power supply for output characteristics demonstrate established laboratory procedures and safe work practices demonstrate basic competencies make personal connections to the cluster content and processes to inform possible pathway choices 												
Note	<i>Within Alternative Education all teachers are required to follow a common course outline and gradebook set up.</i>												
Assessment	<p>The student’s grade is determined by the knowledge the student has acquired based on the program of studies and the skills the student is able to show in articulating his or her knowledge.</p> <p>The student’s grade will be calculated based on the following:</p> <p>Coursework – 100%</p> <p><i>*There is no final exam for this course</i></p>												
Topics of Study	<table border="1"> <thead> <tr> <th>ASSIGNMENT</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Safety Practice in lab</td> </tr> <tr> <td>2</td> <td>Knowledge of Processes</td> </tr> <tr> <td>3</td> <td>Skill Demonstrated</td> </tr> <tr> <td>4</td> <td>Quality of Workmanship</td> </tr> <tr> <td>5</td> <td>Cooperativeness with Crew</td> </tr> </tbody> </table>	ASSIGNMENT	DESCRIPTION	1	Safety Practice in lab	2	Knowledge of Processes	3	Skill Demonstrated	4	Quality of Workmanship	5	Cooperativeness with Crew
ASSIGNMENT	DESCRIPTION												
1	Safety Practice in lab												
2	Knowledge of Processes												
3	Skill Demonstrated												
4	Quality of Workmanship												
5	Cooperativeness with Crew												
An Important Note About Assessment	A wide range of assessment information is used in the development of a student’s final grade. Within Alternative Education, individualized assessments provide specific information regarding student progress and overall performance in the course. Student assessments may vary from student to student to adapt to differences in student needs, learning styles, preferences and paces. The teacher will apply best teaching practices to determine appropriate assessment.												

TEACHER’S CONTACT INFORMATION:

Teacher’s Name:	
Teacher’s Phone Number:	
Teacher’s Email Address:	