

## OCTELAB SAFETY NET

### APPENDIX A - PROJECT / LEARNING ACTIVITY MATERIALS, PHYSICAL RESOURCES

PROJECT / LEARNING ACTIVITY TITLE: House Wiring

COURSE CODE AND TITLE: TCJ Construction

VERSION PREPARED DATE: May 2012

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CONTACT:

### PROJECT / LEARNING ACTIVITY MATERIALS LIST FOR THIS PROJECT / LEARNING ACTIVITY

MATERIAL	QUANTITY	DESCRIPTION	SOURCE	WHMIS MSDS ATTACHED	SAFE STORAGE	WASTE DISPOSAL
Text Book	1 per student	Clidero, R., Sharpe, K.H., <b><u>Applications of Electrical Construction 3ed.</u></b> <b>Irwin Publishing; Toronto. 1991.</b>	<input type="checkbox"/> new, purchased <input type="checkbox"/> new, donated from community, industry <input checked="" type="checkbox"/> recycled from inside school <input type="checkbox"/> recycled from outside school  PREPARATION REQUIRED FOR USE: DETAILS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	use applied numbering system and count back at end of year	Should only be reused
Electrical Code	1 per class	Knight, P.S. <b>Ontario Electrical Code Simplified: Residential Wiring. Based on the 23rd Edition</b>	Anytime electrical procedure is offered all technology teachers should be made aware to participate			

### PHYSICAL RESOURCES USED FOR THIS PROJECT / LEARNING ACTIVITY

EQUIPMENT, TOOL, MACHINE	SUBJECT – SPECIFIC NEEDS	INSPECTED FOR SAFETY FEATURES	STUDENT TRAINING PLAN IDENTIFIED	MAINTENANCE SCHEDULE
<p>NOTE: TEACHER EXPERIENCE AND SAFETY PROFICIENCY IS ASSUMED.</p> <p>DETAIL EQUIPMENT: chop saw</p>	<p>MACHINE GUARDING AND SHIELDING APPLICABLE</p> <p><input checked="" type="checkbox"/> YES</p> <p><input type="checkbox"/> NO</p> <p><input type="checkbox"/> N/A</p> <p>EMERGENCY STOP / PANIC BUTTON APPLICABLE</p> <p><input checked="" type="checkbox"/> YES</p> <p><input type="checkbox"/> NO</p> <p><input type="checkbox"/> N/A</p> <p>LOCK-OUT TAG APPLICABLE</p> <p><input type="checkbox"/> YES</p> <p><input checked="" type="checkbox"/> NO</p> <p><input checked="" type="checkbox"/> N/A</p> <p>#14 Romex house wire is used in this project</p>	<p><input checked="" type="checkbox"/> Teacher DATE: _____</p> <p><input type="checkbox"/> Board DATE: _____</p> <p>PREPARATION REQUIRED FOR USE: DETAILS: all tools should be sharp and clean for use</p>	<p>DETAIL STEPS: the slide compound mitre saw, available in most Ontario Wood shops, should be used to trim ends of framing 2 x 4 s. Wire cutting, measuring and cutting to be performed through hand operations only.</p> <p>SIGNAGE: Stop buttons clearly marked and no power in shop until teacher allows.</p> <p>RESOURCES:</p> <p>exposed wire ends can cause cuts and lacerations so should be stored accordingly.</p>	<p>DAILY: visual check of all shop power tools and hand tools</p> <p>WEEKLY:</p> <p>MONTHLY: hand tool inventory</p> <p>ANNUALLY:</p> <p>CONTACT FOR REPAIR:</p> <p>end cuts of wire will need to have insulation stripped and placed in the appropriate recycling bin. Otherwise all lengths will be saved for following semester. Length should last three terms before placing in shorts box</p>