



Intro To Trades 9/10

COURSE OUTLINE

COURSE OBJECTIVE:

The Intro to Trades course is designed to give students an introduction to the skills trades in the areas of; carpentry, plumbing and electrical, as well as a few more trades in lesser detail. This course will teach students on how to work safely with tools, equipment and processes that would be used in many trades. Measurement, drafting and blueprint reading are also part of the course. Upon completion of the course students will have a basic understanding of drawings and technical language used on the job site. To excel in this course students will have to maintain a safety conscious attitude, be meticulous with the detail on their labs/projects and use their shop time wisely.

RESPONSIBILITY OF THE STUDENT:

- 1) Always show responsibility and maturity while operating in the shop. Unsafe or foolish behaviour is unacceptable and could result in removal from the class.
- 2) Appropriately use PPE (Personal Protective Equipment).
- 3) Treat tools carefully so that they will always work properly for you and for others.
- 4) Never use a tool or piece of equipment unless you have been shown how to use it.
- 5) If an accident occurs report it to the teacher immediately.
- 6) If a tool or machine is broken report it to the teacher immediately.
- 7) If you are ever in doubt, ask the teacher.
- 8) If a student is absent, it is his/her responsibility to make-up missed work. All materials and assignments can be found here learn71.ca/highland-wood-tech/
- 9) You will need a PENCIL for many classes.

ASSIGNMENTS/PROJECTS/UNITS:

- 1) Trades Overviews – Throughout the course Trades, as a career, will be discussed and what is available to students to get into them.
- 2) Measuring, Tool Identification and reading Plans/Blueprints.
- 3) Electrical Unit – student will complete a series of labs to introduce the concepts of electrical and how to do basic house wiring.
- 4) Plumbing Unit – student will complete a series of labs to introduce the concepts of connecting pipe (Pex, Copper, ABS or PVC)
- 5) Carpentry Unit - student will complete a series of labs to introduce the concepts of framing walls, doors and windows and rafters. Small carpentry projects will be built in groups.

THEORY:

This is an integral part of the course if a student wishes to be successful. Although less time is spent on theory work, students should be aware that it is still a very important part of the course. The theory portion mark consists of;

- 1) Safety Quizzes - Demo/quiz given before they can use a tools/equipment. You MUST achieve 100% on safety quizzes.
- 2) Daily Demos - Daily demo on tools, safety, processes and procedures, etc will be given throughout the course.
- 3) Assign/Quiz - Given throughout the year for reinforcement of key concepts in the course.

CLEANUP

Cleanup is called about 5 minutes prior to the end of the class. It is important that all students put away their own equipment. No student is permitted to open the door or leave until all the tools are accounted for. When the teacher is satisfied with the cleanup, you will be dismissed.

COURSE EVALUATION

Labs/Projects	90%
Theory/Safety	10%