



Intro To Trades 9/10

COURSE OUTLINE

COURSE OBJECTIVE:

The Intro To Trades course is designed to give students an overview of the carpentry plumbing and electrical trades, as well as a few more in lesser detail. This course will teach students how to work safely on the job site, as well as introduce students to the tools and process 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 and ear buds (NOT your cell phone) 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 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. A small carpentry project 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 - Given to ALL students before they can use a machine. You MUST achieve 100% before using a tool or machine.
- 2) Daily Demos - Daily demo on tools, safety, processes and procedures, etc will be give 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

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| Labs/Projects | 90% |
| Theory/Safety | 10% |