



First Period Technical Training

- Carpenter -

(8 Weeks @ 30 Hours per Week = 240 hours)

Carpentry Instructors:

Craig Cail – Chair

*Office CC117

780-715-3902

Craig.Cail@keyano.ca

Kevin Breen - Instructor

780-791-4906

Kevin.Breen@keyano.ca

Adrian Houston – Instructor

780-791-4815

Adrian.Houston@keyano.ca

Office Hours:

Monday through Friday: 8:00 a.m. to 4:00 p.m.

Course Description:

In the First Period Technical Training you will learn about:

1. Safety and Building Materials
2. Tools
3. Site Preparation, Building Layout, Foundations, and Floor Frame Systems.
4. Residential Estimating and Drawing Interpretation.

Required Textbooks: (available at Keyano College Bookstore approximately 2 weeks prior to start date)

First Period Carpenter Apprenticeship ILMs

Alberta Learning

Edmonton: Author, 1998–, SKU 2000308

Carpenter Program Supplies (Required for all periods):

- T-square, 600mm or longer
- Drafting Triangles 30/60/90⁰, 45/90⁰
- Metric scale ruler
- Mechanical pencil (0.5 mm), erasers
- Calculator – Instructor will advise on which brand to purchase
- CSA approved safety boots
- CSA approved Safety Goggles with side shields

Learning Outcomes

Upon successful completion of Section One – *Safety and Building Materials* - you will be able to

1. Describe legislation, regulations and practices intended to ensure a safe work place in this trade.
2. Describe the use of personal protective equipment (PPE) and safe practices for climbing, lifting, rigging and hoisting in this trade.
3. Describe the safety practices for hazardous materials and fire protection in this trade.
4. Apply safe work practices with construction equipment.
5. Describe the process for managing an apprenticeship to journeyman certification.
6. Use solid wood products and joinery.
7. Use manufactured construction products.
8. Apply fasteners, adhesives and sealants.
9. Describe the ingredients, production, placing and curing of concrete.

Upon successful completion of Section Two - *Tools* - you will be able to

1. Use hand tools.
2. Use portable power tools.
3. Use stationary power tools.
4. Maintain tools and accessories.
5. Use explosive actuated tools.
6. Use pneumatic and fuel-powered tools.

Upon successful completion of Section Three – *Site Preparation, Building Layout, Foundations and Floor Frame Systems* - you will be able to

1. Follow preliminary site and building layout procedures in preparation for footing placement.
2. Use construction design principles to counteract the forces that act upon building and structures.
3. Construct footings.
4. Construct concrete flatwork.
5. Construct foundation systems.
6. Install floor frame supports.
7. Construct a floor frame.

Upon successful completion of Section Four – *Residential Estimating and Drawing Interpretation* - you will be able to

1. Use drawing instruments.
2. Draw orthographic projections of objects.
3. Use sketching and pictorial drawing techniques to produce isometric drawings.
4. Create orthographic views, section views, detail views and a cutting list for a shop project.
5. Interpret a set of working drawings and construction documentation.

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6. Apply math concepts to solve problems using both the metric and imperial systems of measurement.
7. Calculate the quantity of forming material and concrete required for concrete foundations.
8. Calculate the quantity of framing materials required for conventionally framed floor and floor support systems.

Schedule

A detailed daily class / shop schedule will be handed out on the first day of each intake.

Grading

Apprentices must successfully meet three criteria to pass technical training.

1. Minimum 65% Theory Component (cumulative weighted average)
2. Minimum 65% on each Practical Component
3. Minimum 50% on every section of study.

Safety Material	11%
Tools	32%
Site Preparation, Building Layout, Foundations & Floor Frame	31%
Residential Estimating & Drawing	26%
Total Theory Component	100%
Lab/Shop	100%
Total Practical Component	100%

Important Phone Numbers

- **Candace Trites, Administrative Assistant** **780-791-4881**
Call Candace if you are going to be absent from class or have any general questions or concerns.

- **Craig Cail, Carpentry Program Chair** **780-715-3902**
Call Craig if you have any concerns with class work, instructors, or if you require any type of academic accommodations.

Call your instructor if you need information about class work, schedules or if you need extra help to learn the material.

- **Suzanne Beveridge, Alberta AIT** **1-800-248-4823**
Call Suzanne if you have questions about attendance, apprenticeship, or your employer.

- **Security** **780-791-7911**
Call security if you feel threatened while on campus, to report a fire, if you need a door unlocked, or for parking issues.

- **Office of the Registrar**
 - **Registration Assistants** **780-791-4801**
Call this office if you have questions about fees/tuition or class availability.

- **Student Life Calendar** <https://calendar.keyano.ca/student/>
Refer to the Student Life calendar for events and important dates for students.

IMPORTANT NOTICE

Information Regarding Fees and Procedures

If the address listed on your fee assessment sheets is different from your current address, or if your address changes anytime during the duration of your program, please go to the Student Services Centre and fill out the "Change of Address" form as Keyano College requires a current address for you at all times.

Your Student ID cards are available for pick up at the Office of the Registrar. Please have your Student ID # and photo identification available. Apprentices are required to pick up a new Student ID card every Academic Year.

For information on Awards/Bursaries, please contact the Student Services Center either in person or by phone at (780) 791-4894.

Keyano College is a paid parking facility. Parking passes can be purchased at the Cashier's Office when you go to pay your program fees.

Parking Fees: (2019-2020)

2 Weeks	\$12.87
1 Month	\$24.77
2 Months	\$39.63

Please ensure that when you are paying your program fees that you indicate to the Cashier whether or not you would like to purchase a parking pass. Unreserved, General Parking is available in lots A, B, E and F. Lots C and D are reserved staff parking. If you park in a reserved spot, you can be ticketed even if you have a hang tag or daily pass. Please see the campus map for locations of the parking lots.

Please Note:

- It is now your responsibility to submit your E.I. forms on your own time. (HRDC no longer comes to the college)
- You can submit your registration on-line <http://www100.hrdcdrhc.gc.ca/ae-ei/dem-app/english/home2.html>
- Or link from <http://www.servicecanada.gov.ca>

CLEARWATER CAMPUS MAP

For classroom MAPS please refer to
SAKC STUDENT HANDBOOK

