



Fourth 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: 8:00am - 4:00pm

Course Description:

In the Fourth Period Technical Training you will learn about:

1. Workplace Organization and Interior Finishes.
2. Advanced Roof Framing and Stairs.
3. Renovations, Building Design, Energy Efficiency and Building Science.
4. Industrial Estimating and Drawing Interpretation.

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

Second Period Carpenter Apprenticeship ILMs

Alberta Learning

Edmonton: Author, 1998–, SKU 2000301

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 – *Workplace Organization and Interior Finishes* - you will be able to

1. Apply Occupational Health and Safety Regulations and safe work practices on construction sites.
2. Describe the role of the Alberta Apprenticeship and Industry Training Board and the network of industry committees that represent the trades and occupations in Alberta.
3. Display coaching skills.
4. Use Red Seal Products to challenge an Interprovincial examination.
5. Use job scheduling methods.
6. Manage construction materials.
7. Install cabinets and storage units.
8. Install trim and finishing components.
9. Install commercial interior wall finishes, shelving and storage systems.
10. Apply wood finishes.
11. Install floor materials.
12. Construct an interior finish carpentry project approved by the Carpenter Provincial Apprenticeship Committee.

Upon successful completion of Section Two – *Advanced Roof Framing and Stairs* - you will be able to

1. Frame unequal slope roofs, dormers, turrets and other roof features.
2. Construct housed stairs and balustrades.
3. Construct winder stairs.
4. Construct curved stairs.

Upon successful completion of Section Three – *Renovations, Building Design, Energy Efficiency and Building Science* - you will be able to

1. Describe renovations contracting, planning and renovation scheduling.
2. Construct building additions.
3. Apply concepts of architectural design.
4. Apply concepts of ergonomic and barrier-free design.
5. Apply current and emerging technologies in energy efficient construction.
6. Use energy efficient design principles and equipment.
7. Use energy-efficient framing systems.
8. Install insulation and air barrier systems.

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

1. Solve trade-related math problems.
2. Perform interior finish calculations.
3. Prepare an estimate for an industrial project.
4. Perform equal and unequal slope roof calculations.
5. Perform stair and balustrade calculations.
6. Interpret industrial drawings.

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.

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| Workplace Organization & Interior Finishes | 18% |
| Advanced Roof Framing & Stairs | 37% |
| Renovations, Building Design, Energy Efficiency & Building Science | 22% |
| Industrial Estimating & Drawing Interpretation | 23% |
| 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)

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| 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

