

# Apprenticeship Update



News from the Alberta Apprenticeship and Industry Training Board

Summer 2001

## New trade opens door for certified journeymen status

Technicians who repair outdoor power equipment – such as recreational, turf, marine and other power equipment – now have the option of becoming certified journeymen in a new trade. Outdoor power equipment technician (OPET) became an optional certification trade in Alberta on April 1, 2001.

“The Alberta Apprenticeship and Industry Training Board is pleased to welcome outdoor power equipment technician as our newest designated trade,” said Alberta Apprenticeship and Industry Training Board Chair Cliff Williams. “We encourage employers and employees to participate in and support training and certification in this trade, and urge those

who already have considerable experience and qualifications to contact the nearest field office to have their credentials assessed.”

Technicians with a minimum of 6,000 hours of prior work experience, or a combination of work experience and formal training, and who meet additional specified requirements, are encouraged to submit an application to the nearest apprenticeship and industry training office for an assessment of their previous work experience, skills and knowledge leading towards certification in one of four craft areas: power equipment, marine equipment, recreational equipment and turf equipment.

Technical training for apprentices entering the trade will be available in eight-week blocks through Fairview College beginning in September 2001. Technical training may be offered in various locations in the province depending on local industry demand.

Outdoor power equipment technicians typically find employment with equipment distributors, retailers, rental companies, landscaping maintenance and builders, golf courses, parks and recreation, construction companies, logging companies and equipment manufacturers. For more information, contact the nearest apprenticeship and industry training office. ♦

## Breaking News

### Demand for Construction Tradespeople At All Time High

Participants at the Construction Owners Association of Alberta (COAA) Best Practices Conference held recently in Edmonton were provided with a comprehensive forecast of Alberta workforce supply and demand for 2000-2005.

The forecast, covering 12 construction trades, indicates that the future of construction in Alberta over the forecast period continues to look bright. The authors suggest that as a result, industry must continue its initiatives to attract workers and to use apprentices more effectively on industrial sites.

A summary of this report is available at [www.clra.org](http://www.clra.org)

WIN gift certificates for Snap-on Tools! See page 4 for contest details.

## Caterer Shares Recipe for Success

Talking with ... Gail Hall, owner of Gourmet Goodies

Fifteen years ago Gail Hall cooked up a plan to start her own catering business. What began with her working as a personal chef out of clients' kitchens has grown into Gourmet Goodies, one of the largest catering companies in Alberta, with more than 85 full and part-time employees, including 8 cook and baker apprentices and 13 certified cook and baker journeymen.

Named as one of Alberta's fastest growing companies by Alberta Venture magazine in 1999, Gourmet Goodies recently moved to a 12,000-square-foot catering facility in downtown Edmonton. Part of that success is due to Gail's team of highly skilled cooks and bakers, many of whom have Red Seal certification. Gail is also a

strong supporter of the apprenticeship system in Alberta. “We like to hire apprentices because we tend to see a stronger commitment from them,” said Gail. “We're always pleased to have apprentices stay with us throughout their programs, and we do our best to ensure they receive a wide range of training while they're here.”

“The best advice I have for anyone interested in starting their own catering business is to recognize how important the customer is,” said Gail. “Satisfying customers isn't enough. You need to find ways to exceed their expectations.” She also stresses the importance of hiring qualified professionals to be part of your team, and putting time and energy into making the business grow.

Over the years Gail's work in the food industry has earned her many awards. She's been named the Edmonton Sun's Professional Businesswoman of the Year (1997), the YWCA's Woman of Distinction in the Entrepreneur Category (1996), and ITV's Woman of Vision (1995). She and Gourmet Goodies have also been recognized for their food, their recycling program and their support of the Arts. Proud to give back to the community that helps support her business, Gail donates to many worthy causes, sponsors events, participates in fundraising events for apprenticeship bursaries, donates food each week – if not each day – to the Edmonton Youth Emergency Shelter.

As a leader in her trade, Gail is proud to represent the food industry on local, provincial and national levels. In addition to hiring apprentices to work for Gourmet Goodies, Gail is a supporter of Skills Canada competitions. She teaches cooking classes and a course on How to Start a Successful Catering Business at Metro Community College in Edmonton and is chair of the Food Nutrition Management program at the Northern Alberta Institute of Technology (NAIT) in Edmonton. “Feeding people and having them be thrilled with what they're eating is a wonderful feeling, and I enjoy helping others reach their goal of working in the food industry.”

## Apprenticeship field consultants

...a day in the life

There's no such thing as a typical day of work for an Apprenticeship and Industry Training field consultant. One day might include a trip to a job site to monitor apprenticeship training, followed by a visit to a high school to give a presentation about careers in the trades. The next day might involve invigilating an apprenticeship exam at a technical institute, then spending time in the office to answer client calls and deal with walk-in clients.

As front-end information providers, field consultants are usually the first contact for employers and apprentices looking for information about apprenticeship training in Alberta. Their responsibilities are quite broad, and include counseling and advising apprentices and employers, troubleshooting issues, liaison with technical institutes, administering apprenticeship and journeyman exams, supporting the local industry advisory network, and promoting the benefits that a career in the trades can provide.

For John Irwin, senior consultant in Bonnyville, the work is never dull. “One minute I can be telling a hairstylist she needs to work on her finger-waving and pin curls, and the next minute discussing slag inclusions with a welder,” said John. “One thing that's certain is there's always an interesting situation or person around the corner.”

Larry Schmidt, one of a number of field consultants based in Edmonton, agrees. Larry has been with Apprenticeship and Industry Training for 10 years, and works with approximately 800 employers and 1100 apprentices in the Edmonton and Fort Saskatchewan area. His schedule varies from week to week, day to day, even hour to hour. “The best part of my job is the variety of work as well as the variety of clients I deal with.” According to Larry, “A couple of key assets required by a field consultant are great organizational skills and to be very personable. You also need

continued on page 2

## Meet Your Board Members

Spotlight on ... Brian Bickley

The Alberta Apprenticeship and Industry Training Board works with Alberta Learning to develop Alberta's highly skilled and trained workforce. It provides advice on the training and certification of Albertans in designated trades and occupations, and on the needs of the Alberta labour market.

Brian Bickley is one of the Board's thirteen members. He was appointed six years ago to represent the interests of employers in non-trades occupations in Alberta. Brian chose to get involved after working on a subcommittee for the celebration of the 50th anniversary of apprenticeship in Alberta in 1994. He was eager to help promote the many opportunities available through Alberta's apprenticeship and industry training system.

With more than 30 years experience in industry, Brian holds certification in industrial instrumentation, watch-making and adult continuing education. He is currently employed by Syncrude Canada Ltd. as industrial relations manager.

In addition to his work with the Board

and for Syncrude Canada Ltd., Brian is also involved with the Alberta Construction Owners Association of Alberta (COAA). He is chair of the COAA's Workforce Development Committee and the Essential Skills Committee. Brian also works closely with the COAA's Safety Committee to promote the importance of workplace safety in Alberta, particularly in the construction industry. “The work I do and the committees I sit on provide me with opportunities to influence the apprenticeship and industry training system in Alberta, the COAA and Syncrude,” said Brian. “I'm very proud to help support the trades in Alberta, and am highly involved in promoting mentoring programs like the Train-the-Trainer program, the Essential Skills program, the importance of workplace safety, and the effective use of apprentices.”

Brian is also involved in organizing the Board's Industry Advisory Network Workshop in October 2001, which will explore ways to help promote communication within the apprenticeship and industry training system. ♦

## Helping Apprentices Stay On Track

Taking technical training each year is an important step for apprentices. It's every bit as important as on-the-job training, and it's an essential and compulsory path towards receiving your journeyman certificate. By complementing your hands-on training through your employer with the technical training you'll receive through an accredited technical institute, you'll increase your knowledge, skills and earning potential.

To help you advance through your technical training, Alberta Apprenticeship and Industry Training has developed a system to monitor each apprentice's progress. The system also helps us to confirm the number of seats each trade will require at the various technical institutes, as well as the amount of government funding that needs to be invested in those seats.

If you haven't registered for and attended technical training within an 18-month period, you'll be contacted by the nearest apprenticeship and industry training office. If there are extenuating circumstances preventing you from attending technical training on a regular basis, our consultants will work with you to help you get your apprenticeship back on track. In the absence of such circumstances, you may be required to attend technical training within a reasonable time frame, or risk having your contract of apprenticeship cancelled. If you are apprenticing in a compulsory certification trade and your contract of apprenticeship is cancelled, you will no longer be able to work in that trade.

If you have any questions on this new system, please contact the nearest apprenticeship and industry training office. ♦

## Keeping Technical Training Affordable

...Funding is available for apprentices

As an apprentice, you may qualify for student loans or grants to help you pay for your tuition, books, supplies and general living expenses. The Government of Alberta offers student funding tailor made for apprentices.

Apprenticeship training works differently from other post-secondary education so it stands to reason that apprentices have different needs when it comes to financial assistance. They need their loans and grants at different times, to cover different costs and to take their employment insurance benefits into account.

Apprentices who need financial assistance must apply through the Skills Development Program by submitting a Labour Market application form. These forms are available at any Canada/Alberta Service Centre or Career Development Centre. To find the centre closest to you, check the blue pages of your phone book.

Here are some of the more common questions apprentices ask about their loans and grants:

**Q** *I live and work in Edmonton but my technical training is at Olds College. I can't afford rent for two places, will I have to give up my place in Edmonton while I'm in Olds?*

**A** Apprentices aren't expected to give up their first residence, whether they're rooming or renting an apartment. They can receive assistance for the rent and utilities of a second residence and for their tuition, books and supplies, travel, a living allowance and funding.

**Q** *I'm married with a child and living in Grand Prairie. I have to go to Calgary for technical training. What assistance is available to me?*

**A** The married budget is standard and dependent on the number of children. While a portion of the spouse's income is factored in, the apprentice would essentially receive the same assistance as in the earlier example. Any daycare costs may also be accommodated if receipts are attached to the application form.

**Q** *I have a medical problem and no health benefits. Can I get some extra help covering my costs?*

**A** If the apprentice attaches a letter from their doctor to their application describing the problem and explaining what the costs are, medical costs may be covered. That may also want to attach any associated receipts. ♦

### Apprenticeship field consultants

continued from page 1

to be comfortable working alone and also as part of a team".

Svend Christensen, environmental health and safety coordinator for site maintenance at Dow Chemical in Fort Saskatchewan, is one of Larry's clients. Svend appreciates the benefits from having Larry as a single main contact within the apprenticeship system. "I feel the services that field consultants provide to employers and apprentices is a key component of Alberta's apprenticeship system," said Svend. "Not only do they answer our questions about apprenticeship training, but they keep us up-to-date on changes to the system."

Brett Adams, field consultant in Red Deer, agrees that staying on top of the constant changes and improvements to the apprenticeship system is a major part of a

field consultant's job. In Brett's view, "It's critical that field consultants talk to each other regularly. We need to share information from across the province on what's happening out there in industry, and to make good use of technology to help us keep up to date with new developments".

But while the job may be challenging, it can also be rewarding. As John puts it, "The rewards that often mean the most are those that come in the form of a heartfelt thanks from our clients."

Alberta Apprenticeship and Industry Training field consultants work out of field offices located in Edmonton, Calgary, Red Deer, Lethbridge, Medicine Hat, Fort McMurray, Grande Prairie, Peace River, Slave Lake, Bonnyville, Vermilion and Hinton. ♦

## First Recipients of RAP Scholarships to be Announced This Fall

Each year the Alberta Apprenticeship and Industry Training Board Registered Apprenticeship Program Scholarships – known as the RAP Scholarships – will recognize the academic and trade-related accomplishments of up to 50 high school students participating in the RAP program. Administered through the Alberta Heritage Scholarship Fund, the value of each scholarship is \$1,000.

To qualify, RAP students must plan to continue in a regular apprenticeship program, earn a high school diploma or certificate of achievement, complete a minimum of 250 hours of work experience in RAP, and have a recommendation from an employer, supervisor or journeyman stating they should continue the apprenticeship program with the goal of becoming a certified journeyman.

For more information, or to apply for the scholarship, talk to the RAP co-ordinator or guidance counsellor in your school, or contact the nearest apprenticeship and industry training office. Deadline for applications is July 31 each year. ♦

## Making Safety A Way of Life

... Alberta Construction Safety Association helps promote workplace safety

Established in 1988, the Alberta Construction Safety Association (ACSA) is a non-profit organization that provides safety information and training to construction employers and employees in Alberta. Members of the association include more than 28,000 construction employers and many non-construction companies as associate members.

The ASCA works closely with the Workers Compensation Board and Alberta Human Resources and Employment to help promote safety in the construction industry. "We are promoting a culture that recognizes that safety should not be first or second – safety should be always," said Gary Wagar, executive director for the ACSA.

The Association has Regional Safety Committees around the province with employer and employee representatives. These committees identify regional and trade-specific health and safety training needs, and help develop solutions to safety problems in the construction industry, particularly at the local level.

Members of the ACSA have access to workshops, safety resources such as videos, posters and brochures, as well as a newsletter published four times a year. For more information, contact the ACSA at (780) 453-3311 in Edmonton or (403) 291-3710 in Calgary. ♦

## Baker Sees Gold Medals as Icing on the Cake

Talking with ... Edmonton baker James Holehouse

James Holehouse is a baker who loves his job. At 22, he's the youngest to ever be part of Culinary Team Canada, a group of Canadian culinary experts who recently won four gold medals and the title of World Champions in Glasgow, Scotland, the world's largest culinary competition in 2001. "Being the youngest was an honour for me," said James. "The experience was invaluable and I learned so much from the rest of my team."

In February 2001, James completed the technical training component of his apprenticeship program at the Northern Alberta Institute of Technology (NAIT). He successfully completed his apprenticeship program and was granted his Alberta Journeyman Certificate with a Red Seal in April

2001. Prior to that he earned his Culinary Arts Certificate from George Brown College in Toronto in 1998, and gained experience as a baker while working at the King Edward Hotel in that city. Now a full-time pastry chef with Red Seal certification, James works at the Shaw Conference Centre in Edmonton.

In the two years James has been competing, he has won 10 gold medals. His first win was at a culinary competition in Lethbridge, where he competed as a member of Culinary Team NAIT. In October 2000, James travelled to Erfurt, Germany for the World Culinary Olympics. As the pastry chef for Student Team Alberta, James was one of eight students and apprentices from NAIT, the Southern Alberta Institute of

Technology and Lethbridge Community College. They placed fourth out of 45 teams.

For James, there are many benefits to working as a baker. "The work is hands-on, you can work anywhere in the world, and you can eat as much chocolate and as many pastries as you want," he said. "And best of all, you have the satisfaction of knowing people enjoy eating the food you make." But with benefits often come challenges. For James, one of the biggest challenges is getting up early!

What advice does James have for aspiring bakers? He suggests working hard and taking the time to learn from others. "It's important to learn as much as you can from the bakers around you, and then share your knowledge whenever you can." ♦

# News from the trades

...and designated occupations

The Alberta Apprenticeship and Industry Training Board (*the Board*), through Provincial Apprenticeship Committees (*PACs*) and Occupational Committees, set the training and certification standards for trades and designated occupations. Technical training is based on course outlines developed by members of these industry advisory committees. The course outlines are revised regularly to keep in step with today's workplace needs. One or more of Alberta's technical institutes and community colleges provide technical training in most trades.

Each trade and occupation listed below has information that may be of interest to you or someone you know. If your trade or occupation is missing, stay tuned for future issues of Update. We'll report what's current as the industry advisory committees provide their news.

There are apprenticeship and industry training offices in the following locations:

<p><b>Bonnyville Career Development Centre</b> New Park Place, Box 8115 5201 - 44 Street Bonnyville, AB T9N 2J4 Tel: (780) 826-4175 Fax: (780) 826-1904</p>	<p><b>Calgary Career Development Centre</b> Suite 300, Willow Park Centre 10325 Bonaventure Drive SE Calgary, AB T2J 7E4 Tel: (403) 297-6457 Fax: (403) 297-4492</p>	<p><b>Edmonton Canada/Alberta Service Centre</b> 7th Floor, South Tower Seventh Street Plaza 10030 - 107 Street Edmonton, AB T5J 4X7 Tel: (780) 427-8517 Fax: (780) 422-3734</p>	<p><b>Grande Prairie Career Development Centre</b> Suite 100, Towne Centre Mall 9845-99 Avenue Grande Prairie, AB T8V 0R4 Tel: (780) 538-5240 Fax: (780) 538-5237</p>	<p><b>Lethbridge Career Development Centre</b> Room 280, Provincial Building 200 - 5th Avenue South Lethbridge, AB T1J 4C7 Tel: (403) 381-5380 Fax: (403) 381-5795</p>	<p><b>Peace River Career Development Centre</b> 9715 - 100 Street Peace River, AB T8S 1T4 Tel: (780) 624-6529 Fax: (780) 624-6476</p>	<p><b>Slave Lake Canada/ Alberta Service Centre</b> Box 787 101 Main Street SE Slave Lake, AB T0G 2A0 Tel: (780) 849-7290 Fax: (780) 849-7379</p>
<p><b>Fort McMurray Canada/ Alberta Service Centre</b> 7th Floor, Provincial Building 9915 Franklin Avenue Fort McMurray, AB T9H 2K4 Tel: (780) 743-7150 Fax: (780) 743-7492</p>	<p><b>Hinton Career Development Centre</b> Yellowhead Building 437 Gregg Avenue Hinton, AB T7V 1N1 Tel: (780) 865-8293 Fax: (780) 865-8269</p>	<p><b>Medicine Hat</b> 104 Provincial Building 346 - 3rd Street SE Medicine Hat, AB T1A 0G7 Tel: (403) 529-3580 Fax: (403) 529-3564</p>	<p><b>Red Deer Career Development Centre</b> 3rd Floor, First Red Deer Place 4911 - 51 Street, BOX 302 Red Deer, AB T4N 6V4 Tel: (403) 340-5151 Fax: (403) 340-5153</p>	<p><b>Vermilion Career Development Centre</b> Box 26, Provincial Building 4701 - 52 Street Vermilion, AB T9X 1J9 Tel: (780) 853-8150 Fax: (780) 853-8203</p>		

Presiding Officers for trades are identified as PO in the listings below.

**More Info:**

Do you have questions about apprenticeship or any of the trades and designated occupations?

Call 310-0000 toll-free anywhere in Alberta and enter the local number of the the Alberta Career Development Centre (CDC) or Canada/Alberta Service Centre (CASC) you would like to reach.

**Agricultural Equipment Technician (formerly Agricultural Mechanic)**  
*PO Arnold Van Vliet*  
*PAC Sec Ed Braun*  
Agricultural mechanic has a new name and a new apprenticeship program! (See Focus on Agricultural Equipment Technician) Implementation of the new 4 period program will begin in September 2001 with the new first period of technical training. There is a transition plan in place for transferring from the "old" to new program. Information letters were sent out with the May school package. Further information can be obtained from the nearest apprenticeship and industry training office.

**Appliance Service Technician**  
*PO Doug Baker*  
*PAC Sec Mike Krill*  
The trade now includes both household and commercial appliances. Growth in the trade is slow and there is a shortage of certified journeymen. Both of the LACs and the PAC need new members.

**Auto Body Technician**  
*PO Rob Borrelli*  
*PAC Secretary Murray Stratton*  
PAC members are reviewing the course outline and trade structure in light of a recently completed National Occupational Analysis.

**Automotive Service Technician**  
*PO William Haggeman*  
*PAC Sec Ed Braun*  
At a special PAC meeting in January 2001 a recommendation was made to the Board to approve delivery of Ford ASSET (Automotive Student Service Educational Training). This program is similar to the GM ASEP (Automotive Service Educational Program) that is a GM sponsored program within the umbrella of the Alberta automotive service technician apprenticeship program. ASEP apprentices cover the provincial apprenticeship course outline to the same extent and sequence as other AST apprentices. The ASEP apprentices' technical training occurs in the first 2 - 3 years and contains the latest GM product training. The Board is considering this recommendation.

**Boilermaker**  
*PO Warren Fraleigh*  
*PAC Sec Barry Yerex*  
The PAC will be validating the revised National Occupational Analysis in June. Once the validation is complete, an updated course outline will follow.

**Bricklayer**  
*PO George Laroque*  
*PAC Sec Ed Braun*  
As a result of the March 2001 meeting, the PAC is considering adding a fourth period of on the job training to the current bricklayer apprenticeship program. Input on this proposal is being solicited from industry. Please submit your input to the PAC secretary at (780) 427-4601. Continued industry support is required for technical training in Edmonton and Calgary.

**Communication Electrician**  
*PO Thomas Hyman*  
*PAC Sec Darren Hutton*  
Course outline revisions are in process and planned for implementation in September 2001. Exams are being updated and additional equipment requirements are being addressed as result of the necessary changes.

**Construction Craft Laborer (Designated Occupation)**  
*PO Ian Johnston*  
*Sec Ed Dohei*  
A record book for this occupation has been approved by the Board. It will be issued to registered trainees shortly.

**Crane and Hoisting Equipment Operator**  
*PO Ron Schram*  
*PAC Sec Larry Zeisman*  
As reported in the fall 2000 and spring 2001 issues of Update, changes to the crane and hoisting equipment operator trade have been occurring over the last year.  
• Operators who use boom trucks for the construction or maintenance of telephone lines must now be a registered apprentice or a certified journeyman.  
• Operators who use boom trucks for loading and offloading materials must now be a registered apprentice or a certified journeyman. Operators have until December 31, 2001 to comply.  
• Operators who use articulating (knuckle boom) boom trucks

must now be a registered apprentice or a certified journeyman. Operators have until December 31, 2001 to comply.  
• Operators who use boom trucks for the construction or maintenance of power lines must now be a registered apprentice or a certified journeyman. Operators have until December 31, 2001 to comply.  
• Boom truck operator apprentices indentured before August 1, 2000 have until July 31, 2001 to complete their technical training. After this date, they must transfer to an apprenticeship program in either medium or heavy boom truck operator branch. Training in medium boom truck will begin September 2001. For more information call the nearest apprenticeship and industry training office.

**Electrical Motor Systems Technician**  
*PO Stephen Garnall*  
*PAC Sec Jerry Wright*  
The industry exams for the electrical motor systems technician trade are currently being revised and are being implemented as they are completed.

**Electrician**  
*PO Wallace Land*  
*PAC Sec Jerry Wright*  
As reported previously in Update, many changes have been made to the course outline for the electrician trade. Implementation, previously planned for the fall of 2001, has been delayed to January 2002.

**Electronic Technician**  
*PO Henry Kooymann*  
*PAC Sec Darren Hutton*  
Course outline revisions, characterized by increased computer content, are in process and planned for implementation in January 2002. New exams are being developed to reflect the changes.

**Elevator Constructor**  
*PO Don Laker*  
*PAC Sec Darren Hutton*  
Technical training delivered in Calgary by SAIT, and in Edmonton via videoconference, concluded in May 2001. This session focused on the basic electricity content of the course outline. The next technical training session is tentatively scheduled for January 2002. A PAC meeting will take place in December.

**Floorcovering Installer**  
*PO Dennis Rattray*  
*PAC Secretary Murray Stratton*  
Important Note: This trade is suffering from a lack of apprentices attending technical training. If this trend continues, the delivery of technical training may be suspended. If you are eligible to attend technical training, contact your nearest apprenticeship and industry training office to discuss registering for the next school term.

**Gas Utility Operator (Designated Occupation)**  
*PO Gordon Sweitzer*  
*Sec Darrell Mottershead*  
A class of 14 trainees successfully completed the training program recently offered by NAIT. Many of these individuals have applied for certification, based on standards established by industry. The next meeting of the Occupational Committee is planned for late June. The agenda includes: industry support for designation as a trade, review of the course outline, and alternative training delivery options. Applications are being accepted for employee representatives on the committee. Information and application forms are available at your nearest apprenticeship and industry training office.

**Gasfitter**  
*PO Lawrie Bruton*  
*PAC Sec John Lampey*  
The Board recently approved an additional period of technical training for gasfitter 1st class. Technical training will now be offered in all three periods of apprenticeship and will be phased in over three years. The new apprenticeship program begins in September 2001 with the 1st period of technical training. The new 2nd period of technical training will be introduced in September 2002. The new 3rd period of technical training will be introduced in September 2003. Apprentices indentured before January 1, 2001 have until June 2003 to complete their training under the "old" program. SAIT is now offering 1st class gasfitter training. Apprentices can now register at either SAIT or NAIT for gasfitter technical training.

**Heavy Equipment Technician**  
*PO Robert Wheele*  
*PAC Sec Peter Abramowski*  
Changes to the heavy equipment

technician (HET) trade were announced in the June 2000. In addition to the four year HET certification, certification is available in three new branches: heavy duty equipment mechanic (off road) and truck and transport mechanic (both three-year programs) and truck-trailer mechanic (one-year program).  
Phasing in of the new program began in September 2000. If you are currently a registered HET apprentice eligible for 3rd or 4th period of technical training your contract of apprenticeship is not affected. However, you must successfully complete 3rd period technical training in the 2001 - 2002 school term and 4th period technical training no later than the 2002-2003 school term. Apprentices who fail to complete the technical training within these timelines must have their contracts of apprenticeship amended to transfer to the new HET program. Some apprentices may be required to take additional training to make up the differences in the two programs.  
If you are not eligible to attend 3rd period technical training before September 2001, you must contact the apprenticeship and industry training office nearest you to have your contract of apprenticeship amended to transfer to the new HET program or one of the three branches.  
Apprentices who wish to access the new heavy equipment technician apprenticeship program or wish to get more information regarding the program changes can contact the nearest apprenticeship and industry training office for more information. Your questions or comments are always welcome.

**Instrument Technician**  
*PO Garth Peterson*  
*PAC Sec Jerry Wright*  
The PAC subcommittee has held several meetings to review the course outline for technical training. The revised outline will be circulated to industry stakeholders for feedback prior to a late fall 2001 PAC meeting. For information, contact the secretary at (780) 427-4601.

**Ironworker**  
*PO Glenn O'Neill*  
*PAC Sec Barry Yerex*  
The PAC met in April 2001. As a result, subcommittee meetings will be held to discuss alternate methods of reducing the amount of time required to attend 1st

year technical training.  
**Landscape Gardener**  
*PO Jim Hole*  
*PAC Sec Mike Krill*  
The PAC requested that Interprovincial Red Seal designation be pursued. The course outline and all four period exams will be reviewed in the near future. Participation in apprenticeship in the Edmonton area is still low.

**Lather-Interior Systems Mechanic**  
*PO Rick Orrell*  
*PAC Sec Mike Krill*  
The course outline is currently under review and subsequently all period exams will be revised. The number of apprentices registered in the southern part of the province has greatly increased and therefore training for 1st period apprentices is being offered at SAIT in the fall of 2001.

**Machinist**  
*PO Shawn Duego*  
*PAC Sec Peter Abramowski*  
Modules (Individual Learning Modules) were available for 1st period in September 2000. Second period modules were implemented in January 2001. Feedback from the apprentices on the new modules has been positive. It is anticipated that modules will be available for the 3rd and 4th periods in September 2001. For information, contact the nearest apprenticeship and industry training office.

**Millwright**  
*PO Stewart Zarowny*  
*PAC Sec Peter Abramowski*  
Modules (Individual Learning Modules) were available for the 1st period in September 2000. It is anticipated that modules will be available for the 2nd 3rd and 4th periods in September 2001. The trade is actively pursuing designation as a compulsory certification trade. For information, contact the nearest apprenticeship and industry training office.

**Motorcycle Mechanic**  
*PO Walter Woolvett*  
*PAC Sec Larry Zeisman*  
The PAC subcommittee at a meeting in April 2001 recommended to the PAC several changes in the course outline, mostly for deletion of obsolete material and addition of new technology. The new course outline is expected to be in place

next school term (2001-2002).  
**Outdoor Power Equipment Technician**  
*PO Colin Flathers*  
*Sec Darrell Mottershead*  
(See "New trade opens door for certified journeyman status). This new trade is now fully implemented. You may now submit applications for certification or for registration as an apprentice. For further information contact the nearest apprenticeship and industry training office or visit our website at [www.tradesecrets.org](http://www.tradesecrets.org). The PAC will hold a meeting in early June 2001. Accreditation of other trade programs is one of many items on the agenda. Over the next few months, apprenticeship consultants will visit over one thousand shops to promote the new trade and register apprentices.

**Painter and Decorator**  
*PO Garth Rattray*  
*PAC Sec Ed Braun*  
Garth Rattray has been appointed presiding officer for the PAC. The PAC thanks the former presiding officer, Ray Massey for his leadership over the past 6 years; especially during the development of the new course outline. Delivery of the new course outline (including an expansion in the industrial coatings section of the 3rd period) has been received positively and supported by industry. Continual industry support is required in Edmonton and Calgary for ongoing classes. For more information contact the nearest apprenticeship and industry training office.

**Parts Technician (formerly Partsman)**  
*PO Marcel Parent*  
*PAC Sec Larry Zeisman*  
The name of the partsman trade has been changed to parts technician. The PAC subcommittee, at a meeting in April 2001, recommended to the PAC several changes in the course outline including deletion of obsolete material and addition of material relating to new technology.

**Plumber**

*PO Ralph Austerman  
PAC Sec John Lampey*

The entrance requirements for an apprentice have been changed from grade 10 with a pass mark in Mathematics 10 or 13, Applied Math 10 or Pure Math 10 to a high school diploma with a pass mark in Mathematics 10 or 13, Applied Math 10 or Pure Math 10, or equivalent. Future apprentices still have the option of writing an entrance examination. Changes have also been made to the course outline to increase the hours for hydronic heating and reduce the hours for math.

**Power Lineman**

*PO Terry Shank  
PAC Sec Jerry Wright*

Two topics, Workplace Coaching and Promotion of the Advisory Network System, have been added to the technical training course outline. These will be implemented in the fall of 2001.

**Power System Electrician**

*PO Bruce Harburn  
PAC Sec Jerry Wright*  
The PAC has completed its review of the course outline for power system electrician technical training and received Board approval. The revised third

period will be implemented in the fall of 2001, with fourth period changes to be implemented in the fall of 2002.

**Printing and Graphic Arts Craftsman**

*PAC Sec John Lampey*  
At its meeting in June 2000 the PAC unanimously agreed to recommend to the Board that printing and graphic arts craftsman no longer be a designated trade. The few remaining apprentices are being encouraged to complete the requirements for certification before the recommendation is forwarded to the Minister of Learning.

**Recreation Vehicle Service Technician**

*PO Philip Vernham  
PAC Sec Mike Krill*  
A new course outline was implemented with 1st period apprentices. The second period will follow the new course outline in the 2001-2002 school year. The course outline for the 3rd period will be implemented in the fall of 2002.

**Refrigeration and Air Conditioning Mechanic**

*PO Bill Lowrie  
PAC Sec Mike Krill*  
All four period exams were revised and implemented in this

school year. The PAC is reviewing the course outline for the technical training.

**Roofer**

*PO Robert James  
PAC Sec Ed Braun*

The new school schedule has been mailed to apprentices and employers. For the 2001-2002 school term 6 classes have been scheduled throughout Alberta. Apprentices are encouraged to register early for these classes, as industry support is required to ensure that the classes occur. Contact the nearest apprenticeship and industry training office for details.

**Sawfiler**

*AIPO R. George Grant  
PAC Sec Peter Abramowski*

Sawfiler training is still offered at the British Columbia Institute of Technology. Participation rate for this trade remains fair to good.

**Sprinkler Systems Installer**

*PO Jan Gardiner  
PAC Sec John Lampey*  
The technical training for the sprinkler systems installer apprenticeship program has been increased to reflect changes in technology. The

technical training has increased from 6 weeks to 7 weeks in all three periods of technical training beginning August 2001.

**Steamfitter-Pipefitter**

*PO Gerald Tress  
PAC Sec John Lampey*  
The PAC is in the process of developing a new 1st period of technical training in which gasfitting and plumbing may be replaced by welding. The PAC has received industry support to replace gasfitting with welding throughout the program. The new technical training would be phased in over 4 years possibly beginning in September 2002. All apprentices registered before the new training comes into effect would have the opportunity to complete their apprenticeship program in which they were registered and be certified in both the steamfitter-pipefitter and gasfitter trades.

**Structural Steel and Plate Fitter**

*PO Don Oborowsky  
PAC Sec Barry Yerex*  
The PAC is holding subcommittee meetings to review new exam questions for the exam bank. A PAC meeting is scheduled for the fall of 2001.

**Tool and Die Maker**

*PAC Sec Peter Abramowski*  
A PAC meeting has been scheduled for June 2001. The PAC makes recommendations about training options and the course outline for the tool and die maker trade in Alberta. Agenda items can be forwarded to the secretary at 427-4601.

**Transport Refrigeration Technician**

*PO Richard Hovagimian  
PAC Sec Larry Zeisman*  
The PAC will be advising the Board that it will be applying to have transport refrigeration technician changed from an optional to a compulsory certification trade. The entrance requirements for an apprentice have been changed from grade 9 to Math, Science and English at the 20 level or better.

**Warehousing (Designated Occupation)**

*PO Ron Chapman  
Sec Kirsten Blum*  
At its February 2001 meeting, the Occupational Committee approved accreditation of NorQuest College's warehousing training programs and of equivalent modules of the British Columbia apprenticeship program. The entrance requirements for a trainee have been clarified to

include Math 13 or 10, Applied Math 10, or Pure Math 10 or equivalent.

The warehousing occupation is moving forward in the process to be designated as a trade. An industry survey is anticipated in fall 2001. The occupational committee is currently seeking individuals representing employers and employees to serve as members. If you are interested or require further information, please contact the nearest apprenticeship and industry training office.

**Water Well Driller**

*PO Brad Meyers  
PAC Secretary Murray Stratton*

A general meeting of the PAC was held in April 2001. From this meeting, the PAC is reviewing the course outline, examinations and instructional modules to bring the technical training up to date and streamline the content.

**Welder**

*PO Don Bunch  
PAC Sec Barry Yerex*  
Focus groups will be held around the province to discuss possible changes to the welder trade. Employers and employees will be attending these meetings to give input into the trade requirements for welders in Alberta.

**Emerging Occupations Steel Detailer**

The Alberta Steel Detailer Committee, on behalf of the Alberta steel detailing industry, has applied to have steel detailer recognized as a designated occupation. The Board and the department are reviewing the application.

**Petroleum Services Association of Canada (PSAC)**

PSAC has submitted an application for the designation of twenty-nine new occupations in the oilfield service, supply and manufacturing sector. The application is under review by the department and was forwarded to the Board in May 2001.

Focus on

**Agricultural Equipment Technician (formerly Agricultural Mechanic)**

Agricultural mechanic has a new name and a new apprenticeship program. The changes were made in response to the significant technological advances in the trade.

The new agricultural equipment technician (AET) apprenticeship program will be introduced in the fall of 2001. Changes include:

- two additional periods of apprenticeship training
- replacement of the two 10-week periods of technical training with four eight-week periods
- a revised course outline with:
  - expanded sections on: oxy fuel cutting and welding, seeding equipment, electrical, agricultural equipment
  - new sections on: advanced spraying equipment, advanced hydraulics, air conditioning and heating systems, advanced electronics
  - new sections on new technology such as Global Positioning Systems and other computerized systems
  - revised entrance requirements that include a minimum of 100 high school credits with a pass in Math 13, or Applied Math 10, or equivalent.

Duties of AETs include repairing, overhauling and maintaining agricultural equipment such as tractors and seeding or harvesting equipment. They may work in a fully equipped service centre or travel to farms to make service calls. AETs should have mechanical ability and good eye-hand coordination, along with the ability to understand technical manuals and work independently with little supervision. The work is most rewarding for those who enjoy working with their hands and diagnosing complex mechanical problems. AETs are often employed by retail farm machinery dealerships. Where a number of mechanics are employed by one business, there may be opportunities for advancement to supervisory positions. Some AETs move into sales positions or become manufacturer's service representatives. AETs with business and administrative skills may move into a management position with the company or purchase a farm machinery dealership.

AETs who are certified journeymen can apply their apprenticeship training toward certification as a heavy equipment technician (HET). With AET and HET having two periods of common training, accreditation between the trades allows journeymen to complete both programs with minimal duplication of training.

**SMART CHOICE!**

The following apprenticeship terms can be found throughout this word-search puzzle. The words are written horizontally, vertically, diagonally, and backwards. Test your skill by uncovering all of these words, and then put the leftover letters together (in order from the top row going from the left side to the right side), to form a phrase. Good hunting!

APPRENTICESHIP	COOK	LATHER	SERVICE
BAKER	CURRICULUM	MECHANIC	SKILL
BOARD	DUTIES	MODULE	STANDARDS
BRICKLAYER	ELECTRICIAN	OCCUPATION	STRUCTURAL
CAREER	EMPLOYER	PROGRAMS	TECHNICIAN
CARPENTER	INDUSTRY	QUALIFICATION	TRADE
CERTIFIED	IRONWORKER	REGULATIONS	TRAINING
CONSTRUCTION	JOURNEYMAN	SCHEDULE	WELDER

E P X C E B R I C K L A Y E R C L  
R I L L E N E E C I V R E S E R A  
E H C E T H L R G O U C A R E E R  
D S N A M Y E N R U O J T H S N U  
L E C G C S C B B H L I T M O T T  
E C U R A D T O A R F A A I A I C  
W I R E R R R A K I L R T I K N U  
N T R Y P A I R E N G A R I O I R  
A N I O E D C D R O C O S I O N T  
I E C L N N I G R I N C T A C N S  
C R U P T A A P F W H A L L I K S  
I P L M E T N I O E P M O D U L E  
N P U E R S L R D U S E I T U D N  
H A M A D A K U C Y R T S U D N I  
C E D X U E L C P C I N A H C E M  
E E E Q R E O R I T R A I N I N G  
T E C O N S T R U C T I O N N C E

Fill in the blanks. A few letters are already provided for you.

\_\_\_\_\_l\_\_\_\_\_g\_\_\_\_\_i\_\_\_\_\_x\_\_\_\_\_

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