

# relevance

CAREER OPTIONS FOR YOUR FUTURE

# 2011



## Thinking Outside of the Box

**9** What happens  
if I fail?

**11** Knowing your skills  
in the workplace

**35** Education = Money  
What is the ratio?



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**2011**



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Saskatoon Industry  
Education Council

# Chairman's Message

Last year's issue of **Relevance** made its way into the hands of over 65,000 students, parents, teachers and future employees across Saskatchewan. That is good news, because our mission is to encourage young people to explore career paths and find the necessary education and training to get there.

Never in our history has it been more important to be informed about the opportunities available. Saskatchewan's economy is strong and diversified, with a high demand for educated employees. But gone are the days when individuals could enter the workforce without a grade 12. There are many opportunities available in our province ... if you have the training, education and essential skills.

It can be difficult to work through the choices and find a career that is right for you, so this year's profiles encourage you to think outside the box and look at career options you might not have considered before. Check out the Job Chart in the middle section. It is an incredibly useful tool that showcases the options available, as well as the post-secondary education institutions that are working hard to develop courses and programs relevant to current and future careers.

Once again, we are pleased to profile some amazing people who have accomplished great things in their lives by setting goals for themselves and not letting obstacles stand in the way. We want to thank these individuals for volunteering to be featured in this year's magazine. Their lives speak for themselves.

Enjoy this year's **Relevance**!



**Vince Hill**  
Director, Credenda Virtual High School & College,  
Chairman, Relevance magazine

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# EXPLORING Your Options

It's not just a good idea. It's a *life-changing*, career altering, paycheque boosting great idea!





*Explore your options.  
It's what you're hearing  
from your parents,  
guidance counsellors,  
career counsellors, self-  
help gurus. It's the one  
bit of advice everyone  
can agree on, whether  
you're getting ready  
to move on to post  
secondary education  
or making the leap  
into the workforce. But  
what you might not  
know about exploring  
your options is this:  
where you started  
might not be where you  
end up.*



Bryan **McCrea**  
Entrepreneur

### Think Outside the Box

Thinking outside the box has become something of a business cliché, but it's one Bryan McCrea and his partners at 3twentysolutions have turned on its head — by thinking inside the box. Their company turns shipping containers into living/work spaces, mostly for companies in the natural resource sector.

Bryan likes going down unexplored roads. Trained as an accountant and later recruited as a communications coordinator, he left a secure job in order to become CEO of 3twentysolutions and launch his career as an entrepreneur.

"In high school, I didn't know entrepreneurship was an option. You hear about all kinds of other occupations, but

not that. There's this perception that entrepreneurs are always taking huge risks. I think that's what turns parents off; they want their kids to have stability, so they don't always nurture entrepreneurship," he says. "Being an entrepreneur doesn't mean taking ridiculous gambles, it means creating an opportunity out of an idea, making something that wasn't there before. It's the coolest thing in the world."

The guys at 3twentysolutions believed in their idea so strongly, they went down to Toronto to audition for CBC's *The Dragon's Den*. "They screen you, then pick 200 businesses to go in and pitch your idea. We did our pitch last May. The show is the ultimate experience in showing your education, because you have to convince complete strangers to give you money," Bryan says.

Will they succeed? You'll have to tune in this February.

### You Never Know Unless You Try

Warren Isbister developed a passion for sports as a young athlete competing at the Saskatchewan First Nations Summer and Winter Games. After high school, he tried university and thought about law. Then he decided to change course and pursue a career in the field he really loved: sport, culture and recreation. After getting the education he needed, Warren was just setting out on his new career when an unexpected opportunity cropped up.

"I saw the job posting for the Urban Aboriginal Leadership Coordinator position with the City of Saskatoon," Warren says. "I knew the person who had previously had it, so I knew a bit about it. It asked for a two-year diploma and other requirements. I thought, well, I might not meet them all but I'll apply anyways."

Warren included his sports background and volunteer activities on his resume. All the years he'd spent as an



Warren **Isbister**  
Urban Aboriginal Leadership Coordinator





athlete, a volunteer coach, sports coordinator — he put it all in the application. “All those experiences contributed to me landing the job,” he says.

Warren has spent that last two years growing into his role. “I don’t always see the benefit of my work immediately, but the programs and collaborative effort I create might prove extremely beneficial in the life of someone taking a leadership course, workshop or training opportunity. I have the patience and determination to trust that, in some small way, I can make a difference.”

### Broaden Your Horizons

Another thing you need to know about exploring your options is that you don’t have to do it all at once. “If it’s true that we’re all going to live to be 100 years old, then we have to be ready for a lot of changes throughout our lives,” says Hélène Careau, the most experienced of our 2011 Relevance magazine peer profiles. Her career path is interesting — and inspiring.

Hélène wanted to be a veterinarian, trained as a wildlife biologist, got an extra diploma in ecotoxicology and is now the Coordinator of Project Assessment and Approvals for SaskPower’s Environmental Programs. She’s also something of an expert on going with the flow while staying true to her purpose.



Hélène **Careau**  
Biologist

“There weren’t a lot of career opportunities for me as a wildlife biologist, which is why I took the ecotoxicology course. Having a broader skill set made me more employable,” Hélène says.

### Do What You Love?

One of the phrases people just starting out hear a lot nowadays is ‘do what you love’. But what if don’t know what you love? Or what if you don’t love work, what if you really love hanging out with friends or spending every weekend snowmobiling, fishing, kayaking or painting?

One of the defining moments in my career was saying, am I really going to make this idea happen or ***am I just going to talk about it?***



Picture your dream life;  
work schedule, lifestyle,  
where you live, how you  
feel inside – everything.  
*Then look at what you  
need to get there.*

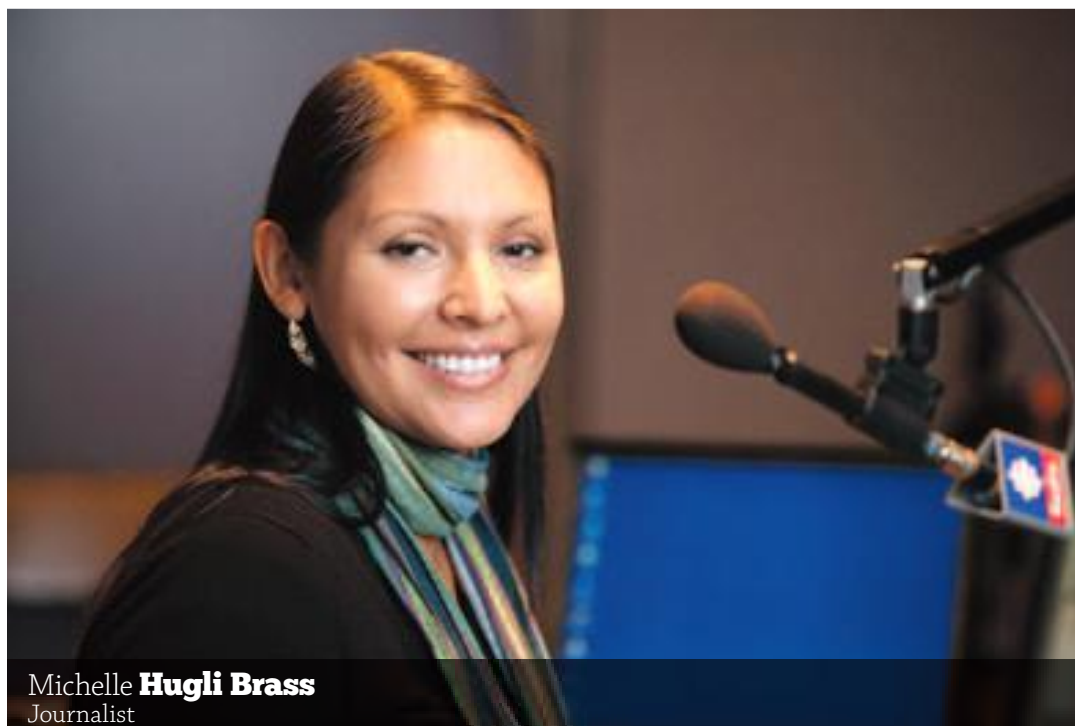
Peel away all the media hype about ‘doing what you love’ and ‘following your passion’, you’ll find a simple message underneath it all, one we hear repeated again and again at Relevance magazine when we talk to students and young people about their educational and career choices. If you’re not sure what you love, do something you *like*. Yup, it’s that simple.

“Don’t sell yourself short,” Hélène says. “Choose what you love, definitely, but if you can learn to compromise a bit, you might see other options. There are more things out there in the world that you will like, that will make you more marketable. I wanted to be a vet, now I’m working for a power company on environmental issues – but I’m still helping protect the environment for the animals I love.”

### It's Okay to Change Your Mind

Michelle Hugli Brass recently left behind a job many people would *love* to have: host of CBC Radio Saskatchewan’s Afternoon Edition. Michelle enjoyed the job and the people, but found her interests changing as she approached 30. “I think it’s good to keep exploring, to keep growing, to do what’s important to you,” she says. “I don’t think personal happiness is selfish. When we’re happy, we give the best of ourselves, and that’s good for our communities, our families, our society. You shouldn’t be afraid to chase your dreams.”

Exploring my  
options was  
about *being true  
to myself.*



Michelle **Hugli Brass**  
Journalist

# Hélène Careau

Biologist

*Hélène Careau has an impressive list of initials after her name: B.Sc. for a bachelor's degree in biology, GradDipEcotox for a graduate diploma in ecotoxicology, and MCPM for master's certificate in project management. She didn't get them all at once. The letters are like a road map of her career, each representing a new step, a new direction, a new opportunity – things she hadn't even imagined as a child dreaming of being a veterinarian.*



We learn more from failures;  
there's nothing wrong with that.

## What is your job today?

I am the coordinator of project assessment and approvals for SaskPower's Environmental Programs. Basically, I help achieve environmental approvals for our projects and put together environmental contingency and mitigation plans for power lines, stations and plants. I'm the go-between for engineers and environmental regulators.

## But you started as a biologist?

Taking biology was a no-brainer for me because I always loved animals, as long as I can remember. I wanted to be a veterinarian, but there were a limited number of vet programs available, so I got into wildlife biology. It was a way I could help protect animals – by doing good in their environment.

## How did your biology degree lead to this job?

By the time I graduated with my BSc, I realized that I was going to need some kind of graduate degree if I wanted a good job in the field. I was interested in ecotoxicology, which is the study of the effect of harmful substances on ecosystems and the environment. I got a graduate diploma in ecotoxicology at Concordia University in Montreal.

was getting summer jobs in my field. That made me apply what I was learning, it gave me passion, which helped me study and stay interested in my courses.

## What skills do you think are important for success?

Whatever field you choose, you need people skills. I like my alone time, I like being out in the field, but I have also learned to develop my people skills. That's key – being able to communicate can make or break a job. Also, the ability to work on a team. Teams are becoming the norm in a lot of workplaces. You have to cultivate that ability; it's very important.

## What do you like most about your job?

When we are developing a project and an environmental issue arises, like a rare species in the area, then I have to find a solution that will allow the project to go forward while also helping that species survive. When you find the solution, it's very satisfying.

## Any advice for young people focused on a science career?

If you just have a BSc, you may have a hard time finding a good job. Getting your masters helps, but having two majors at the bachelors level can help too. So if you're interested in several fields, go for it. Companies love to hire people with diverse expertise. It makes you more employable. And even when you love what you do, don't be afraid to make changes so that you can continue loving it. Don't be afraid to try new things – and don't be afraid to fail at them. We learn more from failures; there's nothing wrong with that.

That led to my position with SaskPower. Then last year, I received a master's certificate in project management, or MCPM.

## Do you need all this education?

More and more companies are moving into project management as a way to manage big projects – it's the wave of future. So more people are getting the MCPM. When you are a project manager, you need to handle so many things and mesh them all together into a whole. There's construction and design, timelines, costs, risks; then there's my part, which is the environmental side. I need to understand all the parts.

## What surprised you the most about university?

Learning how to study. I never had to study in high school. At university, I did, and I needed a kick in the pants to realize that. What really helped me

**Future Prospects** – Biologists conduct research to extend our knowledge of living organisms, manage natural resources, and develop new practices and products related to medicine and agriculture. The average annual wage is \$77,700 and employment prospects are fair.

**Related Fields** – Biological technologists and technicians work independently or as support to scientists, engineers and other professionals. Average annual wage is \$60,900 and employment prospects are fair.

**Educational Paths** – The U of R and U of S both offer bachelor, master's and doctoral science degree programs. SIAST offers related diploma programs in Biotechnology, Chemical Technology and Medical Laboratory Technology.



# What happens if I Fail?



**Failure** – no one wants to hear the word, let alone experience it. We live in a media-mad world that heaps praise on child prodigies, teen celebrities, twenty-something sports heroes, online billionaires; failure is not an option, or so the saying goes.

Bah, humbug. Failure is normal, common, unavoidable. It is the rule, not the exception. Whether at school or at work, failure isn't something to be afraid of – we all mess up, trip up, flame out, need a do-over. "Failure" is simply an overheated word for not accomplishing what you set out to do. It can be embarrassing, even painful, but it's okay. You need to fail in order to learn and grow.

The key is learning to **learn from our failures**. Say you're in your first term at university or college. You were an honours student in high school, but when you get your first mid-term test back, you get a failing grade. Your stomach flips, your heart pounds, your brain reels. You question your intelligence, your choice of classes, your choice of education, career direction. All because you muffed a test. These simple rules will help you survive and move on.

*"I've missed more than nine thousand shots in my career. I've lost almost three hundred games. Twenty-six times I've been trusted to take the winning shot and missed. I've failed over and over again in my life. **And that is why I succeed.**"*

*–Basketball legend Michael Jordan*

## Learning from Failure

- **Failure hurts** – acknowledge the burn.
- **Don't blame** – yourself or others.
- **Investigate** – take an honest look and see if you can figure out what went wrong and why.
- **Move on** – once you remove the blame and figure out the why, it's a lot easier to move past a failure and get on with life.
- **Try again** – the biggest risk you face isn't failing an exam or messing up at work, it's being so afraid of failing that you're not willing to risk trying. Failure goes hand-in-hand with success.



# Lauren Arab

Mechanical Engineer



I think the **ability to problem solve** is the most indispensable skill.

*Lauren Arab is a capital design engineer with Mosaic Potash. She manages capital projects at the Belle Plaine site and works with a team to find innovative solutions to maintenance and production requirements. She has a degree in Mechanical Engineering and is currently working on a Masters of Business Administration, so you know she's got a plan for her future. But Lauren also knows that, sometimes, the future doesn't unfold exactly the way you thought it would.*

## Did you always want to be an engineer?

No, I started university intending to study medicine, but I strongly disliked first year biology and I really loved math and physics. My dad is an engineer, so I grew up seeing the opportunities he's had throughout his life. We used to joke that I was going to end up disliking first year biology and become an engineer, and I did just that!

## What surprised you the most about engineering?

All of the different careers available. It wasn't until I began university that I realized how diverse each engineering degree was and how many opportunities existed, even among those with the same degree. A post-secondary degree teaches skills that can be

applied to our work, but the degree more importantly demonstrates that you have the ability to learn. Tasks required for specific jobs are most often taught on the job.

## Was the move from high school to university hard?

A big challenge was the rate at which we were taught the material. I remember my very first lecture in university – we briefly discussed the first and second chapters of our text during the 50 minute class. At the beginning of the second lecture, which was two days later, we were already on chapter four.

## How about moving from school to work, what was the biggest challenge there?

As much as I enjoy my profession, I do not have the flexibility I had during university. In school, I could schedule classes later in the day so I got to sleep in. I could work at my own pace to meet deadlines and, other than group projects, my work only affected me. Full time work doesn't allow the same flexibility. And the projects I manage affect and are affected by numerous people.

**Future Prospects** – Employment prospects for engineers in Saskatchewan to 2014 are good. Engineering pays well: the average annual income for mechanical engineers is \$85,900.

**Educational Paths** – Professional engineers require a university degree. The University of Saskatchewan and University of Regina both offer engineering degree programs.

**Career Paths** – Mechanical engineering is one of many engineering disciplines. Others include agricultural, chemical, civil, electrical & electronic, environmental, geological, industrial, and software engineering.

## What is the most indispensable skill in the workplace?

I think the ability to problem solve is the most indispensable skill, regardless of the career choice. Challenges always arise that you need to be able to work through to make effective decisions.

## What do you like most about your job?

I enjoy being challenged and I appreciate the level of responsibility I'm given in my job. In another position, I may not have had the opportunity at my age to have as much responsibility and authority as I currently do. I also enjoy working in an environment that promotes continuous improvement of individuals and the business.

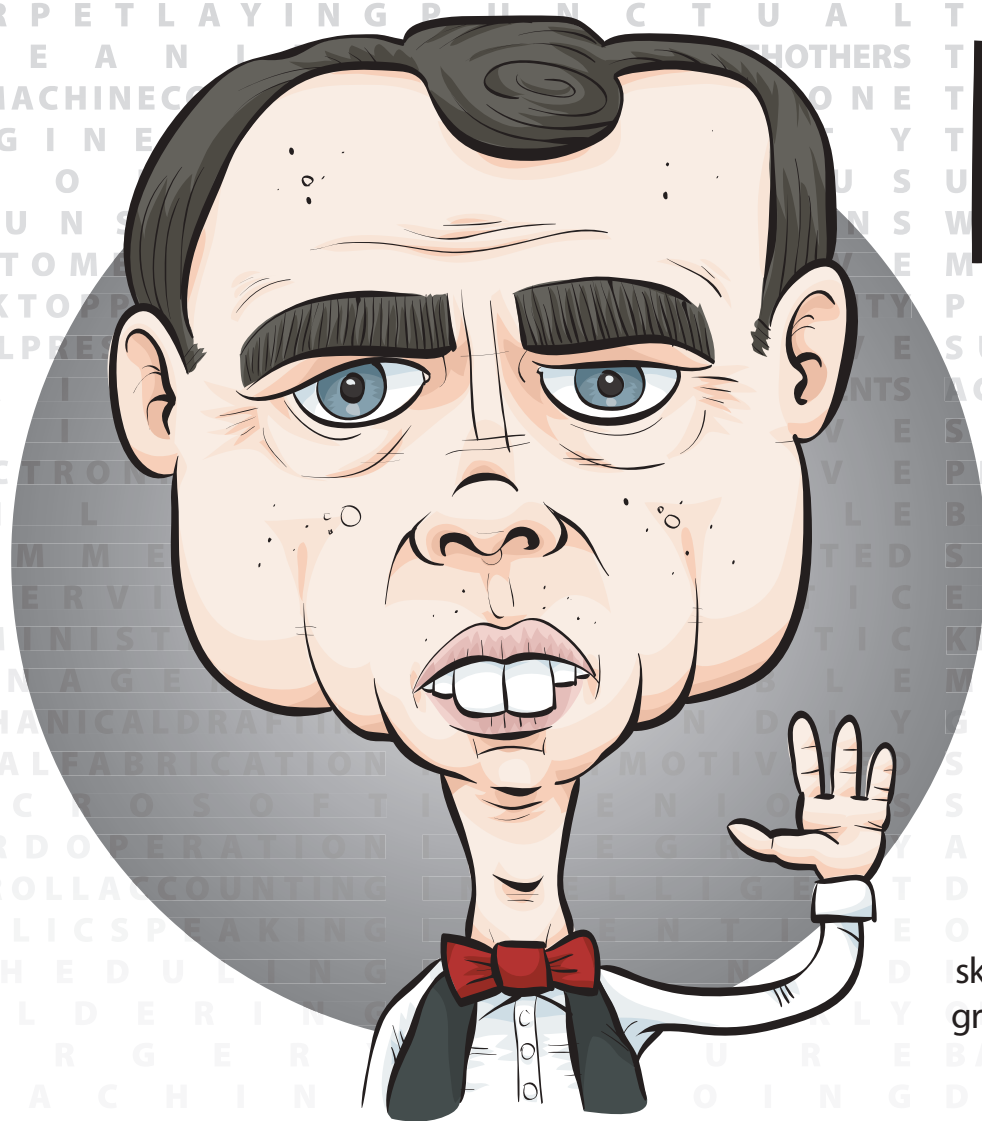
## Where do you see yourself in 10 years?

I'm very interested in the business side of things, so I see my career becoming less technical and more business centered.

## What advice would you give a student wanting a similar career?

Appreciate the value gained through every experience. I never realized how much of an effect my experiences, even those unrelated to engineering, would have on my career. For example, when I worked in a mailroom for a large oil and gas company, I learned the roles of different individuals who later became contacts after receiving my degree. My job at a snowboard shop taught me how to build relationships with customers and understand each customer's needs and concerns, similar to the stakeholders involved in my projects now.





# KNOW YOUR SKILLS

Skill sets are a big deal in today's workplace. A skill is something you are able to do; a skill set is a group of related skills. Every job requires different skills sets. When a potential employer asks you to list your skills, they are generally looking for personality traits (often called "soft skills") such as being punctual, honest, creative, dependable, and transferable skills (often called "hard skills").

## Transferable skills employers look for in new employees:

- *Communications Skills (listening, verbal, written) - the skill mentioned most often by employers.*
- *Analytical/Research Skills - ability to assess a situation, seek multiple perspectives, gather more information, identify key issues.*
- *Computer/Technical Literacy - almost all jobs now require basic understanding of computer hardware and software, especially word processing, spreadsheets and email.*
- *Flexibility/Adaptability/Managing Multiple Priorities - ability to manage multiple assignments and tasks, set priorities and adapt to changing conditions and work assignments.*
- *Interpersonal Abilities - ability to relate to co-workers, be a positive team player.*
- *Leadership/Management Skills - ability to take charge and manage co-workers.*
- *Multicultural Sensitivity/Awareness - ability to demonstrate sensitivity to and awareness of other people and cultures.*
- *Planning/Organizing - ability to design, plan, organize and implement projects and tasks within an allotted timeframe. Also involves goal-setting.*
- *Problem-Solving/Reasoning/Creativity - ability to find solutions to problems using creativity, reasoning and past experiences, along with the available information and resources.*

**Find out more at [www.quintcareers.com\\_job\\_skills\\_values.html](http://www.quintcareers.com_job_skills_values.html)**

## Quiz Yourself

This is just the tip of the skills iceberg. A great way to itemize your skills is by using some of the many self-assessment tools and quizzes available online. Here's a list of links:

## Skills Related

- [www.jobsetc.gc.ca/toolbox/quizzes/quizzes\\_home.do?lang=e](http://www.jobsetc.gc.ca/toolbox/quizzes/quizzes_home.do?lang=e)
- [www.nextsteps.org](http://www.nextsteps.org)
- [www.hrsdc.gc.ca/eng/workplaceskills/essential\\_skills/general/es\\_assessment.shtml](http://www.hrsdc.gc.ca/eng/workplaceskills/essential_skills/general/es_assessment.shtml)

## Career Personality Assessment

- [www.canadaone.ca/magazine/eq080498.html](http://www.canadaone.ca/magazine/eq080498.html)
- [www.keirsey.com/sorter/instruments2.aspx?partid=0](http://www.keirsey.com/sorter/instruments2.aspx?partid=0)
- [www.anselm.edu/administration/CES/WorkValues.htm](http://www.anselm.edu/administration/CES/WorkValues.htm)
- [www.myplan.com](http://www.myplan.com) (U.S. site)



# Warren Isbister

## Urban Aboriginal Leadership Coordinator

*Growing up in Prince Albert and on the Ahtahkakoop Cree Nation, Warren Isbister was into sports. He played soccer and volleyball, just for fun at first, then as an athlete at the Saskatchewan First Nations Summer and Winter Games and the North American Indigenous Games. Being an athlete at the games, and later a volunteer, coach and coordinator, fuelled his passion for sports. Taking advice from those around him, he decided to use his passion to focus his career goals.*

### What do you do?

I'm the Urban Aboriginal Leadership Coordinator for the City of Saskatoon. My role is to help build leadership capacity of urban Aboriginal people in planning, development and implementation of sport, culture and recreation activities.

involved and I wanted to take a leadership role, so I sat on the executive for the whole two years I was there.

### What was your first week on the job like?

There was so much learning, reading, researching, getting familiar with support staff. It was almost intimidating. I had big shoes to fill, and I had all these programs under me. I wondered, can I do this? The supervisor really helped out those first few months, and people were encouraging. In time, it came to seem like a natural fit.

### What skills are most valuable in the workplace?

Perseverance; be positive, have an optimistic attitude.

Finding ways to make things better gives me **passion** for this job.

### What education do you have?

I have a SIAST diploma in Recreation and Tourism Management. At first I went to university and thought about studying law, but I took a year off to explore my options. Growing up involved in sport, I knew the benefits of this type of programming. It always came back to pride, a sense of belonging, living a healthy lifestyle. As I grew older, I wanted to share this passion and offer these same experiences for upcoming youth. I talked with Stanley Sasakamoose, the recreation director at Ahtahkakoop and Shirley Greyeyes, who was director of the White Buffalo Youth Lodge at the time. That led me to the SIAST program.

### How was post secondary different from high school?

A big thing for Aboriginal students is being away from family and community. I come from a community where it's like a big extended family; everyone helps everyone else out. In the city, I felt like it was just me, on my own. Those first few months were the hardest for me.

### What helped you get through the rough times?

The Aboriginal Activity Centre was vital in my first year at SIAST. It was a place you could come and do your homework, get tutoring, stop in for soup and bannock – it provided a sense of community. Then there was the Students' Association. I saw the benefit of getting

### What do you like most about your job?

It's always new, always evolving. I like having the ability to be creative. I like coming up with different programs, partnering with different agencies. There's a willingness to take risks, to try new things. Finding ways to make things better gives me passion for this job.

### Where do you see yourself in 10 years?

I see myself with my Bachelor of Kinesiology degree, with an emphasis on sports administration. I see myself giving back to the community through more collaborative, unique programs that will see the increase and expansion of the current Urban Aboriginal program. I am still very passionate about assisting and collaborating on initiatives that will put our people in better career options in recreation fields (such as fitness leaders and lifeguards), leadership roles and in healthy active lifestyles.

### What advice do you have for young people following you?

Be passionate and genuine about what you do and give 100% towards your work. Because if you are passionate and genuinely believe in what you do, you will have a greater impact when you reach your goals. Good things happen in small increments, so being patient is a skill worth sharpening.



**Career Paths** – Management is a broad field, with lots of opportunity to grow in new directions. Based on education and experience, you can climb the ladder from front-line management all the way to senior level positions.

- Recreation and sport program/service directors work for municipalities, recreational organizations and sports governing agencies; average annual wage is \$39,900.
- Managers in health, education, social and community services work in public and private sectors; average annual wage is \$56,400.
- Managers in public administration work in government departments, agencies and legislative bodies. Average annual wage is \$82,700.

**Educational Paths** – The U of S and U of R both offer degree programs in Kinesiology, Public Administration, Business Administration and Commerce. SIAST and regional colleges offer industry-specific management programs.



# Northlands College

Northlands College offers programs throughout northern Saskatchewan, with student residences in the main centres of Buffalo Narrows, Creighton and La Ronge.

Programs range from apprenticeship and trades-related training to university studies, technical training for employment in the mining and oil sands industry, to health and community service courses as well as academic upgrading.

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# Andrea Rowell

Dental Assistant

I wanted to succeed, so I gave it 110% the entire time.

*Andrea Rowell has a favourite saying: 'if it's to be, it's up to me'. It's something she repeats to herself when she's thinking about making changes in her life. Not too long ago, for example, Andrea was working as a receptionist in a Saskatoon dental clinic. She decided to get more education in order to build her career opportunities and earning power. Andrea took the first step when she moved to Regina and took a 10-month Dental Assistant program at SIAST.*

## What do you do?

I'm a dental administrative assistant/dental assistant in Regina. I work more on the administrative side, but I'm trained in assisting the dentist, so if anyone ever needs help or is ill they can use me to cover.

## Why this job?

After high school, I got a job as a receptionist in a dental clinic in Saskatoon. My employers encouraged me to take a course if I this was something I was interested in doing.

## What training or education did you need?

To become a certified dental assistant you need to take the course from SIAST Wascana campus. It is a 10 month course.

## Was going back to school a challenge?

The biggest challenge for me was that I didn't enrol in the program until a few years after graduating high school. I thought I would forget how to study or write a test. In reality, I believe I had a higher understanding of the importance of post secondary education. I wanted to succeed, so I gave it 110% the entire time.

## What surprised you the most about post-secondary education?

You have a lot more work put on you than in high school. I think it's because they don't want to drag out the courses longer than they have to. There is so much information to teach you in such a short amount of time. I was always doing additional reading and research at night for the next day's courses.



## What was your first week on the job like?

I remember my brain was in information overload. I would go home feeling completely wiped out because there was so much to learn about the specifics of the office. In school, they teach you the basics but each dentist has their own technique or modification of how they want something done. But, if you can push through that first week everything else will eventually come naturally and your day will be a breeze.

## In your opinion, what is the most indispensable skill in the workplace?

I don't believe there is just one skill. If you are reliable, dependable, honest, manage your time effectively, keep up with technology advances, be the leader not the follower, and be self-motivated others will look up to you and you can become the most valuable person in your office.

## What do you like most about your job?

I love the diversity within the dental field. Your day is never an exact replica of the last.

## Where do you see yourself in 10 years?

I don't think you can ever have too much education under your belt. I would love to go back to school and get my nursing degree. Education is important in giving you the knowledge you need to succeed in your career choice.

## Do you have any advice for other students?

Remember that you are the only one who can make it happen! If you choose a career path and later realize you want to do something else, don't look at your education as a waste of time – no amount of education is ever a waste of time!

**Prospects** – The future job prospects for dental assistants are good. The average annual wage is \$39,800.

**Education** – The dental assistant course offered through SIAST and other private colleges is about a year long.

**More Education** – SIAST also offers a two-year diploma program in dental hygiene. Dental hygienists have more earning power: the average annual wage is \$67,600 – but the field is smaller and the job prospects to 2014 are good.

**Most Education** – The University of Saskatchewan offers a five-year program in Dentistry, leading to the Doctor of Dental Medicine degree. Average annual wage for dentists is \$165,800 and job prospects are good.



# AN INTERESTING QUIZ

*Some people grow up knowing exactly what they want to be, but for most, figuring out what to do with their lives is a huge challenge. There are a lot of options. Use the following quiz from Service Canada to help identify fields you might be interested in. **You might be surprised to see where your interests lead.***

Your Interests = Your Career	Yes	No
1. I'd rather make something than read a book.		
2. I enjoy problem-solving games and working at puzzles.		
3. I like helping other people when they need it.		
4. I enjoy reading and learning about new topics.		
5. I like working with my hands.		
6. I like being the leader in a group of people.		
7. I prefer to know all the facts before I tackle a problem.		
8. I like to take care of other people.		
9. I enjoy designing, inventing or creating things.		
10. I enjoy expressing myself through art, music or writing.		
11. I would like a job where I can deal with people all day.		
12. I like working with materials and equipment.		
13. I enjoy learning new facts and ideas.		
14. I find co-operating with other people comes naturally to me.		
15. I like finding out how things work by taking them apart.		
16. I would rather work with machines and things than with people.		
17. I can usually persuade people to do things my way.		
18. I enjoy building and repairing things.		
19. I enjoy the research part of my projects.		
20. I like being with people.		
21. I enjoy thinking up different ideas and ways to do things.		
22. I like hearing other people's opinions.		
23. I enjoy learning how to use different tools.		
24. I find it easy to follow written instructions.		

- If you answered...**
- “Yes” to most/all of questions 1, 5, 9, 12, 15, 16, 18, 23 – you’re probably a hands-on person. You like to make things with your hands, work with tools and machines, fix and maintain equipment, find out how things work. You might consider jobs in construction, engineering, trades & technology, manufacturing, repair & servicing or transportation.
  - “Yes” to most/all of questions 2, 4, 7, 10, 13, 19, 21, 24 – you’re probably more of an information person. You like to express yourself through writing, music or art, perform experiments or research, solve puzzles and problems, or study and read. Information-oriented people are attracted to jobs in arts & entertainment, business, finance, scientific research, sales, service, tourism, law and government.
  - “Yes” to most/all of questions 3, 6, 8, 11, 14, 17, 20, 22 – you’re probably a people person. You like to care for, encourage and help others. You like being part of a team and can see yourself leading and supervising others. Explore jobs in health care, education and training, social work, counselling and religion.

If you answered “yes” to questions in each of the above group, don’t worry. It just means you don’t yet have a clear preference for any specific type of job. It also means you could be suited for many different jobs.

Whatever your quiz reveals, probe a little deeper by reviewing the Job Chart, or go online at [www.saskjobfutures.ca](http://www.saskjobfutures.ca).



# SKILLED TRADES



## SASKATCHEWAN YOUTH APPRENTICESHIP PROGRAM



"I find it challenging ... and rewarding to be paid for something that I enjoy doing."

Daniel Missens  
Automotive Service Technician

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UNIVERSITY OF  
SASKATCHEWAN



# relevance job chart 2011



You should not plan your career without knowing  
**what your options are.**

This portion of Relevance magazine will give you a better understanding of these options.

for more information go to [www.relevancemag.ca](http://www.relevancemag.ca)

Job Chart 2011 provides information about hundreds of Saskatchewan jobs. Some will be more familiar than others. Who knows? Job Chart might introduce you to a job that you have never heard of but would be perfect for. Take some time to learn more about what's out there.

## What Does This Information Mean?

Job Chart contains the following relevant information for each job title listed:

### Job Description

This is merely an introduction. For more detail about job duties, talk to someone who does this for a living, or visit [www.saskjobfutures.ca](http://www.saskjobfutures.ca) for a larger profile.

### Number Emp. (2006)

Remember, there is more turnover (and as a result, more openings) in jobs with high employment.

### Avg. Income (2009)

This gives you a general sense of what you can expect to earn in each job. Within designated trades, journeypersons typically earn more than apprentices.

### Training and Education Routes

This gives you a general list of Saskatchewan institutions that offer programs relevant to each job. For specific details, CONTACT THE INSTITUTION DIRECTLY! See page 30.

### Prospects to 2014

If you are planning a career, it's important to know what your long-term employment prospects might be. With this in mind, we offer you the following three employment indicators.

☆☆☆... Good

☆☆... Fair

☆... Limited

**Note:** these indicators forecast employment demand over a five-year period. They may not reflect current conditions.

### Education Icons

These icons indicate the level of education you likely will need to complete before working in a given job. To work as a lawyer, for example, you will need to attend university. To work as a plumber, you will need to complete apprenticeship training.

ⓘ ... Training Typically Provided On the Job

✂ ... Job Requires Apprenticeship Training

🎓 ... Job Requires College Education

🎓 ... Job Requires University Education

🔄 ... Transition

The difference between universities and colleges is not as clear as it used to be. In fact, many of the programs that were once exclusively offered at university are now available in part at SIAST or the Regional Colleges. And this benefits students, particularly in rural and remote areas.

This symbol (🔄) means that some portion of the university requirements for a job can be completed at the college level. Whatever post-secondary course you are interested in, find out what options exist by contacting the institution.

NOC Code	job title	number emp. 2006	job description	avg. income 2009	training and education routes	prospects to 2014
Business, Finance and Administration						
1431	Accounting and Related Clerks	3,825	Your job will be to calculate, prepare and process bills, invoices, accounts payable and receivable, budgets and other routine financial records according to established procedures, using manual and computerized systems.	\$43,400	Carlton Trail Regional College, Credenda Virtual High School & College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT, Southeast Regional College, University of Regina, University of Saskatchewan ⓘ	☆☆☆
1441	Administrative Clerks	2,690	In this job you will compile, verify, record and process forms and documents, such as applications, licenses, permits, contracts, registrations and requisitions, in accordance with established procedures, guidelines and schedules.	\$42,400	Carlton Trail Regional College, Credenda Virtual High School & College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT, Southeast Regional College, University of Regina, University of Saskatchewan ⓘ	☆☆☆
1221	Administrative Officers	4,960	You will oversee and implement administrative procedures, establish work priorities, and co-ordinate the acquisition of administrative services such as office space, supplies and security services.	\$52,800	Carlton Trail Regional College, Credenda Virtual High School & College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT, University of Regina, University of Saskatchewan ✍	☆☆
1434	Banking, Insurance and Other Financial Clerks	1,145	You will compile, process and maintain banking, insurance and other financial information. A wide variety of occupations are available in this job category, many of which provide excellent remuneration and career advancement opportunities.	\$41,600	Carlton Trail Regional College, Credenda Virtual High School & College, Cumberland College, Great Plains College, Lakeland College, North West Regional College, Parkland College, SIAST, SIIT, University of Regina, University of Saskatchewan ⓘ	☆☆
1231	Bookkeepers	4,100	Your job will be to maintain complete sets of books, keep records of accounts, verify the procedures used for recording financial transactions, and provide personal bookkeeping services.	\$34,900	Carlton Trail Regional College, Credenda Virtual High School & College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT, Southeast Regional College, University of Regina, University of Saskatchewan ✍	☆☆
1227	Court Officers and Justices of the Peace	135	As a court officer you will co-ordinate the administrative and procedural functions of federal and provincial courts. As a Justice of the Peace you will administer oaths, issue subpoenas, summonses and warrants and perform other court related duties.	\$62,600	University of Regina, University of Saskatchewan ✍	☆☆
1244	Court Recorders and Medical Transcriptionists	265	In your job as a court recorder you will record and transcribe proceedings of courts and committees, and prepare dictated reports, correspondence and statistics. In the medical field, you will record and transcribe medical records and other reports.	\$38,000	Cumberland College, Great Plains College, North West Regional College, Parkland College, SIAST ✍	☆☆
1453	Customer Service, Information and Related Clerks	4,925	Your job will be to answer enquiries and provide information regarding an establishment's goods, services and policies, and provide customer services such as receiving payments and processing requests for services.	\$41,000	Carlton Trail Regional College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT, Southeast Regional College, University of Regina, University of Saskatchewan ⓘ	☆☆☆
1422	Data Entry Clerks	1,235	Working as a data entry clerk, you will type at keyboards and data entry consoles to input coded statistical and other information for storage. A wide variety of businesses will require your services - from financial institutions to government departments.	\$33,500	Carlton Trail Regional College, Credenda Virtual High School & College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT, Southeast Regional College, University of Regina, University of Saskatchewan ⓘ	☆☆
1222	Executive Assistants	780	You will co-ordinate administrative procedures, public relations activities and research and analysis functions for members of legislative assemblies, ministers, deputy ministers, corporate officials and executives, committees and boards of directors.	\$52,500	Carlton Trail Regional College, Credenda Virtual College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, Southeast Regional College, University of Regina, University of Saskatchewan ✍	☆☆
1112	Financial and Investment Analysts	565	Your job will be to collect and analyze financial marketplace information to provide financial and investment advice for their company or their company's clients.	\$90,500	Cumberland College, Credenda Virtual High School & College, Parkland College, SIAST ..... University of Regina, University of Saskatchewan, ⓘ	☆












We have made every effort to ensure the information provided in Relevance is accurate. As an applicant or counsellor you should check with the appropriate institution to verify information and check for changes. In some instances, the training information provided represents a starting point and additional training and/or transfer may be required to meet professional, occupation or trade requirements. University classes are available at all Saskatchewan Regional Colleges. Courses from both the University of Regina and the University of Saskatchewan, through transfer agreements, enable students to complete one or more years of full-time university study at an institution near them.



ⓘ - On the job training   ✂ - Apprenticeship   ✍ - College   ⓘ - University   ⚡ - Transition | ☆ - Limited   ☆☆☆ - Fair   ☆☆☆☆ - Good



NOC Code	job title	number emp. 2006	job description	avg. income 2009	training and education routes	prospects to 2014
1111	Financial Auditors and Accountants	4,235	As a financial auditor you will examine and analyze the accounting and financial records of individuals and establishments. As an accountant you will plan, organize and administer accounting systems for individuals and establishments. There are three main designations for financial auditors and accountants: (C.A.), (C.M.A.), and (C.G.A.). All require extensive post-secondary education.	\$71,100	Lakeland College, SIAST, SIIT ..... University of Regina, University of Saskatchewan	☆☆☆
1411	General Office Clerks	8,540	You will type and file correspondence, reports, statements and other material, operate office equipment, answer telephones and perform clerical duties of a general nature according to established procedures.	\$40,200	Carlton Trail Regional College, Credenda Virtual High School & College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT, Southeast Regional College, University of Regina, University of Saskatchewan	☆☆
1228	Immigration, Employment Insurance and Revenue Officers	530	Your job will be to administer and enforce laws and regulations related to immigration, unemployment insurance, and customs and tax revenue.	\$70,200	SIIT, SIAST, University of Regina, University of Saskatchewan	☆☆
1233	Insurance Adjusters and Claims Examiners	800	As an insurance adjuster you will investigate insurance claims and determine the amount covered by insurance policies. Insurance Claims Examiners examine claims investigated by insurance adjusters and authorize payments.	\$52,600	Great Plains College, Lakeland College, SIAST, University of Regina, University of Saskatchewan	☆☆
1234	Insurance Underwriters	450	You will review and evaluate insurance applications to determine insurance risks, insurance premiums and extent of insurance coverage according to company policies.	\$52,700	Lakeland College, SIAST, SIIT, University of Regina, University of Saskatchewan	☆☆
1242	Legal Secretaries	590	You will perform a variety of secretarial and administrative duties in law offices, legal departments of large firms, real estate companies, land title offices, municipal, provincial and federal courts and government.	\$40,000	Carlton Trail Regional College, Cumberland College, Great Plains College, North West Regional College, Parkland College, SIAST	☆
1451	Library Clerks	415	In your job you will issue and receive library materials, sort and shelve books and provide general library information to users. You will also perform clerical functions such as filing, typing and word processing.	\$36,300	Credenda Virtual High School & College, Northlands College, SIAST	☆☆
1232	Loan Officers	1,355	In your job as a loan officer you will interview loan applicants and examine, evaluate and process credit and loan applications. Your experience will be sought by your clients as a valued source of guidance and advice for how to structure financing and business operations.	\$51,200	Carlton Trail Regional College, Cumberland College, Great Plains College, Lakeland College, North West Regional College, Parkland College, SIAST, SIIT, University of Regina, University of Saskatchewan	☆☆
1243	Medical Secretaries	250	You will perform a variety of secretarial and administrative duties in doctor's offices, hospitals, medical clinics and other medical settings.	\$33,300	Carlton Trail Regional College, Cumberland College, Great Plains College, Parkland College, SIAST	☆
1432	Payroll Clerks	740	You will collect, verify and process payroll information and determine pay and benefit entitlements for employees within a department, company or other establishment, using manual or computerized systems.	\$44,300	Carlton Trail Regional College, Credenda Virtual High School & College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT, University of Regina, University of Saskatchewan	☆☆
1223	Personnel and Recruitment Officers	375	In your job as a personnel and recruitment officer you will identify and advertise job vacancies, recruit candidates, and assist in the selection and reassignment of employees.	\$60,600	Cumberland College, Great Plains College, Lakeland College, Parkland College, SIAST, University of Regina, University of Saskatchewan	☆☆
1442	Personnel Clerks	265	As a personnel clerk you will assist personnel officers and human resources specialists and compile, maintain and process information relating to staffing, recruitment, training, labour relations, performance evaluations and classifications.	\$47,300	Carlton Trail Regional College, Credenda Virtual High School & College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT, University of Regina, University of Saskatchewan	☆☆
1224	Property Administrators	1,230	As a property administrator you will perform administrative duties and co-ordinate activities related to the management and rental of investment property and real estate. You will work on behalf of property owners and will be employed by property and real estate management companies, property development companies and government.	\$50,200	Lakeland College, SIAST, University of Regina, University of Saskatchewan	☆☆

ⓘ - On the job training  
 ✂ - Apprenticeship  
 ✍ - College  
 🎓 - University  
 🔁 - Transition |  
 ☆ - Limited  
 ☆☆ - Fair  
 ☆☆☆ - Good

NOC Code	job title	number emp. 2006	job description	avg. income 2009	training and education routes	prospects to 2014
1225	Purchasing Agents and Officers	810	Working in your job as a purchasing agent or officer you will purchase general and specialized equipment, materials and business services for in-house use or for further processing by your establishment.	\$62,700	Great Plains College, SIAST, SIIT, University of Regina, University of Saskatchewan 	★
1414	Receptionists and Switchboard Operators	4,110	In your job as a receptionist or switchboard operator you will greet and direct people arriving at offices, hospitals and other establishments, answer and forward telephone calls, take messages, schedule appointments, and perform other clerical duties.	\$31,300	Carlton Trail Regional College, Credenda Virtual College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT, Southeast Regional College, University of Saskatchewan 	★★
1413	Records Management and Filing Clerks	790	Working as a file clerk you will file papers, records, documents and other material according to subject matter or other filing system.	\$36,400	Carlton Trail Regional College, Credenda Virtual High School & College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT, Southeast Regional College, University of Saskatchewan 	★★
1241	Secretaries (Except Legal and Medical)	7,180	As a secretary you will perform a variety of administrative duties in support of managerial and professional employers.	\$37,900	Carlton Trail Regional College, Credenda Virtual College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT, Southeast Regional College, University of Saskatchewan 	★★
1113	Securities Agents, Investment Dealers and Brokers	385	In this job you will buy and sell stocks, bonds, treasury bills, mutual funds and other securities for individual investors, pension fund managers, banks, trust companies, insurance firms, credit unions and other establishments.	\$60,800	University of Regina, University of Saskatchewan 	★★
1121	Specialists in Human Resources	1,060	Your responsibility will be to develop, implement and evaluate human resources and labour relations policies, programs and procedures and advise managers and employees on personnel matters.	\$75,800	Cumberland College, Great Plains College, University of Regina, University of Saskatchewan   Parkland College, SIAST, SIIT, Southeast Regional College 	★★★
1472	Storekeepers and Parts Clerks	1,415	You will sort, store and issue parts and supplies for use by the mechanical, service, agricultural industry or other establishment in which you work and for sale to the public.	\$50,000	SIAST (online)  	★★
1454	Survey Interviewers and Statistical Clerks	630	As an interviewer you will gather information for market research, public opinion polls or election and census enumeration. Working as a statistical clerk you will code and compile interview and other data into reports, lists, directories and other documents.	\$36,800	Carlton Trail Regional College, Cumberland College, Great Plains College, SIAST, University of Saskatchewan 	★★

Natural & Applied Science						
2222	Agricultural and Fish Products Inspectors	275	As an agricultural and fish products inspector you will inspect agricultural and fish products for conformity to prescribed production, storage and transportation.	\$59,000	Lakeland College, SIAST, University of Regina, University of Saskatchewan 	★
2271	Air Pilots, Flight Engineers and Flying Instructors	285	In your career as a pilot you will fly fixed wing aircraft and helicopters to provide air transportation and other services. As a flight engineer (second officer) you will monitor the functioning of aircraft during flight and may assist in flying aircraft. As a flying instructor you will teach flying techniques and procedures to student and licensed pilots. You can train or instruct at a number of flying clubs or training schools within Saskatchewan.	\$118,200	SIAST 	★★

DATA SOURCES:

**Job Title and Job Description:** This information—and in fact, the whole structure of the Relevance Job Chart—is derived from the National Occupational Classification system (NOC). For more information on the NOC, visit [www23.hrdc-drhc.gc.ca](http://www23.hrdc-drhc.gc.ca)

**Average Annual Income 2009:** Wages are based on full-year, full-time employment for each occupation. Workers may earn more or less depending on their employer, location, size of company, training, experience and hours worked. Highly skilled workers may earn significantly more than the average. Wage information provided by Service Canada. For more information, visit [www.saskjobfutures.ca](http://www.saskjobfutures.ca).

**Training and Educational Routes:** This information is provided by Saskatchewan education and training institutions. This is not a comprehensive list of programs and courses. It is intended as a general guide to help you find education related to Saskatchewan occupations.

**Number Employed – 2006 Census**

**Employment Prospects – 2014:** Data for these two columns is provided by Saskatchewan Advanced Education, Employment and Immigration and Service Canada. It is derived from the 2009 Saskatchewan Employment Forecast (SEF). For more information on SEF, visit [www.saskjobfutures.ca](http://www.saskjobfutures.ca).

 - On the job training    - Apprenticeship    - College    - University    - Transition |    - Limited    - Fair    - Good



























NOC Code	job title	number emp. 2006	job description	avg. income 2009	training and education routes	prospects to 2014
2251	Architectural Technologists and Technicians	120	You may work independently or provide technical assistance to professional architects and civil design engineers in conducting research, preparing drawings, architectural models, specifications and contracts and in supervising construction projects.	\$63,800	SIAST 	☆☆
2221	Biological Technologists and Technicians	520	As a biological technologist or technician you may work independently or provide technical support and services to scientists, engineers and other professionals working in fields of agriculture, resource management, plant and animal biology, microbiology, cell and molecular biology.	\$60,900	Lakeland College, Northlands College, SIAST, University of Regina, University of Saskatchewan 	☆☆
2121	Biologists and Related Scientists	590	You will conduct basic and applied research to extend knowledge of living organisms, to manage natural resources, and to develop new practices and products related to medicine and agriculture.	\$77,700	Lakeland College, Parkland College ..... University of Regina, University of Saskatchewan   	☆☆
2134	Chemical Engineers	160	As a chemical engineer you will research, design, and develop chemical processes and equipment and oversee the operation and maintenance of large production or processing plants. In Saskatchewan, this would include work at pulp and paper mills. You will also perform duties related to chemical quality control, environmental protection and biochemical or bio-technical engineering.	\$96,100	University of Regina, University of Saskatchewan 	☆☆☆
2211	Chemical Technologists and Technicians	820	You may work independently or provide technical support in chemical engineering, chemical and biochemical research and analysis, industrial chemistry, chemical quality control and environmental monitoring.	\$57,600	Northlands College, SIAST, University of Regina, University of Saskatchewan 	☆☆☆
2112	Chemists	270	As a chemist you will conduct research and analysis in support of industrial operations, product and process development, quality control, environmental control, medical diagnosis and treatment, biotechnology and other applications.	\$84,500	Lakeland College, Parkland College ..... University of Regina, University of Saskatchewan   	☆☆
2231	Civil Engineering Technologists and Technicians	250	You may work independently or provide technical support and services in civil engineering in fields such as structural engineering, municipal engineering, and construction design and supervision, highways and transportation engineering, water resources engineering and geotechnical engineering.	\$62,400	SIAST, University of Saskatchewan, University of Regina 	☆☆
2281	Computer and Network Operators and Web Technicians	805	As a computer and network operator you will establish, operate, maintain, and coordinate the use of local and wide area networks (LANs and WANs), mainframe networks, hardware, software and related computer equipment. As a web technician you will set up and maintain Internet and intranet web sites and web server hardware and software. You may also monitor and optimize network connectivity and performance.	\$57,500	SIAST, SIIT, University of Regina, University of Saskatchewan 	☆☆
2147	Computer Engineers (Except Software Engineers)	240	Your job as a computer engineer will require you to research, plan, design, develop and test computers and related equipment, and design and develop software for engineering and industrial applications. You will be employed by computer manufacturers and by a range of industries and by governments, educational and research institutions.	\$74,500	University of Regina, University of Saskatchewan 	☆☆
2174	Computer Programmers and Interactive Media Developers	1,345	Your job as an Interactive Media Developer will involve writing, modifying, integrating and testing computer code for internet applications, computer-based training software, computer games, film, video and other interactive media.	\$61,100	SIAST ..... University of Regina, University of Saskatchewan   	☆☆
2224	Conservation and Fishery Officers	260	In this job you will enforce the federal and provincial regulations established for the protection of fish, wildlife and other natural resources and collect and relay information on resource management.	\$62,100	Cumberland College, Lakeland College, Northlands College, SIAST, University of Regina, University of Saskatchewan 	☆

ⓘ - On the job training  
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  - Transition |  
 ☆ - Limited  
 ☆☆☆ - Fair  
 ☆☆☆☆ - Good

NOC Code	job title	number emp. 2006	job description	avg. income 2009	training and education routes	prospects to 2014
2234	Construction Estimators	240	In your career as a construction estimator you will analyze costs of and prepare estimates on civil engineering, architectural, structural, electrical and mechanical construction projects.	\$52,700	Lakeland College, SIAST, University of Saskatchewan, University of Regina 	☆☆
2172	Database Analysts and Data Administrators	270	As a database analyst you will design, develop and administer data management solutions using database management software. In your job as a data administrator you will develop and implement data administration policy, standards and models.	\$79,900	..... SIAST,   University of Regina, University of Saskatchewan 	☆☆
2253	Drafting Technologists and Technicians	710	You will be responsible for preparing engineering designs, drawings and related technical information.	\$53,800	Lakeland College, SIAST 	☆☆☆
2241	Electrical and Electronics Engineering Technologists and Technicians	625	Electrical and electronics engineering technologists and technicians may work independently or provide technical support and services in the design, development, testing, production, and operation of electrical and electronic equipment and systems. Electronics Technician (Consumer Products) is a designated trade in Saskatchewan.	\$71,200	SIAST, University of Saskatchewan 	☆☆
2133	Electrical and Electronics Engineers	510	You will design, plan, research, evaluate and test electrical and electronic equipment and systems. You may work independently or provide technical support and services in the design, development, testing, production, and operation of electrical and electronic equipment and systems. Electronics Technician (Consumer Products) is a designated trade in Saskatchewan.	\$94,300	..... Parkland College   University of Regina, University of Saskatchewan 	☆☆☆
2242	Electronic Service Technicians (Household and Business Equipment)	1,410	As an electronic service technician you will service and repair household and business electronic equipment such as audio and video systems, computers and peripherals, office equipment and other consumer electronic equipment and assemblies. Electronics Technician (Consumer Products) is a designated trade in Saskatchewan.	\$46,800	Northlands College, SIAST 	☆☆
2223	Forestry Technologists and Technicians	120	Your career as a forestry technologist or technician may have you working independently or performing technical and supervisory functions in support of forestry research, forest management, forest harvesting and forest resources conservation and protection.	\$62,300	Cumberland College, Lakeland College, SIAST 	☆
2212	Geological and Mineral Technologists and Technicians	350	Working as a geological and mineral technologist or technician you will provide technical support and services in the fields of geology, mining and mining engineering, and mineralogy.	\$62,700	Lakeland College, Northlands College, University of Regina, University of Saskatchewan 	☆☆☆
2113	Geologists, Geochemists and Geophysicists	310	Your job as a geologist, geochemist or geophysicist will be to conduct programs of exploration and research to extend knowledge of the structure, composition and processes of the mine site or geographic area.	\$101,100	University of Regina, University of Saskatchewan 	☆☆☆
2141	Industrial and Manufacturing Engineers	245	You will conduct studies and develop and supervise programs to achieve efficient industrial production and efficient utilization of industrial human resources, machinery and materials.	\$121,800	University of Regina, University of Saskatchewan 	☆☆
2243	Industrial Instrument Technicians	395	You will maintain, diagnose, calibrate and repair control instruments in commercial and industrial settings.	\$80,000	Carlton Trail Regional College, Cumberland College, Lakeland College, Northlands College, North West Regional College, SIAST  	☆☆☆
2171	Information Systems Analysts and Consultants	2,135	Your job will be to conduct research; develop and implement information systems development plans, policies and procedures; and provide advice on a wide range of information systems issues.	\$70,500	..... SIAST   University of Regina, University of Saskatchewan 	☆☆☆
2263	Inspectors in Public and Environmental Health and Occupational Health	640	In this career you will investigate health and safety related complaints and inspect restaurants, food processing and industrial establishments, hotels, municipal water systems and other workplaces.	\$71,300	..... Parkland College   University of Regina, University of Saskatchewan 	☆☆



NOC Code	job title	number emp. 2006	job description	avg. income 2009	training and education routes	prospects to 2014
2254	Land Survey Technologists and Technicians	145	You will conduct or participate in surveys to determine the exact locations and relative positions of natural features and other structures on the earth's surface.	\$37,400	SIAST, University of Regina, University of Saskatchewan 	☆☆
2154	Land Surveyors	275	As a land surveyor you will plan, direct and conduct legal surveys to establish the location of real property boundaries, contours and other natural or human-made features, and prepare and maintain crosssectional drawings, official plans, records and documents pertaining to these surveys.	\$66,100	SIAST   ..... University of Regina, University of Saskatchewan 	☆☆
2225	Landscape and Horticultural Technicians and Specialists	290	Your job will be to grow plants, operate greenhouses, nurseries and garden centres, and perform landscaping duties.	\$33,000	SATCC, University of Saskatchewan  	☆☆
2232	Mechanical Engineering Technologists and Technicians	330	You may work independently or provide technical support and services in mechanical engineering fields such as the design, development, maintenance and testing of machines, components, tools, heating and ventilating systems, power generation and power conversion plants, and manufacturing plants and equipment.	\$67,700	Lakeland College, SIAST, SIIT, University of Regina, University of Saskatchewan 	☆☆☆
2132	Mechanical Engineers	450	In your career as a mechanical engineer you will research, design and develop machinery and systems for heating, ventilating and airconditioning, power generation, transportation, processing and manufacturing.	\$85,900	University of Regina, University of Saskatchewan 	☆☆☆
2143	Mining Engineers	195	As a mine engineer you will plan and design the development of mines, mine facilities, systems and equipment, and plan, organize and supervise the extraction of minerals and ores from underground or surface mines.	\$121,400	Northlands College   ..... University of Regina, University of Saskatchewan 	☆☆☆
2173	Software Engineers	145	Your job as a software engineer will require you to research, design, evaluate, integrate and maintain software applications, technical environments, operating systems, embedded software, information warehouses and telecommunications software.	\$87,900	University of Regina, University of Saskatchewan 	☆☆
2153	Urban and Land Use Planners	180	In this job you will develop plans and recommend policies for managing the utilization of land, physical facilities and associated services for urban and rural areas and remote regions.	\$68,600	Parkland College   ..... University of Regina, University of Saskatchewan 	☆☆☆
2282	User Support Technicians	1,310	You will provide first-line technical support to computer users experiencing difficulties with computer hardware and with computer applications and communications software.	\$52,600	SIAST, SIIT, University of Regina, University of Saskatchewan 	☆☆
2175	Web Designers and Developers	315	Working as a web designer and developer you will research, design, develop and produce Internet and intranet sites.	\$49,800	SIAST, SIIT, University of Regina, University of Saskatchewan 	☆☆

Health						
3234	Ambulance Attendants and Other Paramedical Occupations	665	Your job will be to administer pre-hospital emergency medical care to patients and transport them to hospitals or other medical facilities for further medical care.	\$62,200	Carlton Trail Regional College, Cumberland College, Lakeland College, Northlands College, Parkland College, SIAST, Southeast Regional College 	☆☆☆
3141	Audiologists and Speech-Language Pathologists	240	As an audiologist you will diagnose, evaluate and treat hearing disorders. As a speech/language pathologist you will diagnose, evaluate and treat speech, language and voice disorders.	\$88,500	University of Regina  	☆☆☆
3122	Chiropractors	170	You will diagnose and treat patients' disorders of the spine and other body joints by adjusting the spinal column or through other corrective manipulation. Chiropractors are usually in private practice.	\$75,200	University of Regina, University of Saskatchewan  	☆☆
3411	Dental Assistants	830	You will assist dentists during the examination and treatment of patients and perform clerical functions.	\$39,800	SIAST  	☆☆☆

 - On the job training
  - Apprenticeship
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  - University
  - Transition

|
  - Limited
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  - Good

NOC Code	job title	number emp. 2006	job description	avg. income 2009	training and education routes	prospects to 2014
3222	Dental Hygienists and Dental Therapists	375	As a dental hygienist you will provide dental hygiene treatment and information related to the prevention of diseases and disorders of the teeth and mouth. As a dental therapist you will carry out dental services related to the prevention and treatment of diseases and disorders of the teeth and mouth.	\$67,600	Lakeland College, SIAST 	☆☆☆
3223	Dental Technologists, Technicians and Laboratory Bench Work	265	Your job will be to prepare and fabricate dentures and dental devices as prescribed by dentists or dental therapists.	\$48,800	SIAS 	☆☆
3113	Dentists	375	As a dentist you will be responsible for diagnosing and treating disorders of the teeth and mouth.	\$165,800	Lakeland College, Parkland College, University of Regina ..... University of Saskatchewan   	☆☆☆
3112	General Practitioners and Family Physicians	1,040	As a general practitioner or family physician you will diagnose and treat the diseases, physiological disorders and injuries of patients.	\$163,300	Parkland College, Lakeland College, University of Regina ..... University of Saskatchewan   	☆☆☆
3233	Licensed Practical Nurses	1,715	Working as a registered nursing assistant you will provide nursing care for patients under the direction of registered nurses, physicians and other health team members.	\$49,400	Carlton Trail Regional College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIIT, SIAST, Southeast Regional College 	☆☆☆
3212	Medical Laboratory Technicians	570	In your work as a medical laboratory technician you will conduct routine medical laboratory tests and set up, clean and maintain medical laboratory equipment.	\$49,400	SIAS, University of Regina, University of Saskatchewan 	☆☆☆
3211	Medical Laboratory Technologists and Pathologists' Assistants	665	As a medical laboratory technologist you will conduct medical laboratory tests, experiments and analysis to assist in the diagnosis, treatment and prevention of disease. As a pathologists' assistant you will assist at autopsies and examinations of surgical specimens or perform autopsies under a pathologist's supervision.	\$56,500	SIAS, University of Regina, University of Saskatchewan 	☆☆☆
3215	Medical Radiation Technologists	555	You will operate radiographic and radiation therapy equipment to administer radiation treatment and produce images of body structures for the diagnosis and treatment of injury and disease.	\$59,000	SIAS, University of Regina (joint program with SIAS) 	☆☆☆
3413	Nurse Aides, Orderlies and Patient Service Associates	8,135	Your job as a nurse aide or orderly will require you to assist nurses, hospital staff and physicians in the care of patients.	\$35,200	Carlton Trail Regional College, Cumberland College, Great Plains College, Northlands College, North West Regional College, Parkland College, Southeast Regional College, Southwest Regional College, SIAS  	☆☆☆
3143	Occupational Therapists	255	As an occupational therapist you will plan and carry out individually designed programs of activity to help patients with physical or mental health problems become more self-reliant.	\$69,000	University of Regina, University of Saskatchewan  	☆☆☆
3414	Other Assisting Occupations in Support of Health Services	1,335	You will provide services and technical assistance to health care professionals such as orthopedic surgeons, pharmacists, pathologists and optometrists.	\$34,800	Northlands College, SIAS, Southeast Regional College, University of Saskatchewan 	☆☆☆
3144	Other Professional Occupations in Therapy and Assessment	110	As a recreational therapist, remedial gymnast or art therapist you will use art, athletics and recreation to aid in the treatment of mental and physical disabilities.	\$64,500	SIAS , University of Regina, University of Saskatchewan 	☆☆☆
3235	Other Technical Occupations in Therapy and Assessment	795	Your job will be to perform various technical functions that assist in therapy and assessment of patients when you work as a speech therapy aide, speech technician, audiometric assistant, physical rehabilitation technician, massage therapist, communication assistant, or hearing aide assistant.	\$25,200	Northlands College, SIAS, University of Regina, University of Saskatchewan 	☆☆☆

Explore Your Options:

There are thousands of occupations in Canada, in hundreds of fields of work. Let your interests guide you as you explore your career options and discover unique job opportunities, inspiring education programs and helpful resources. Canada's sector councils can help by providing you with information on:

- career opportunities, other materials.
  - the labour market,
- apprenticeship and trades training, and
  - skills development.

Visit [www.councils.org](http://www.councils.org) for more information about Canada's Sector Councils. As well, the search wizards at [www.workapedia.ca](http://www.workapedia.ca) sift through hundreds of resources from over 30 sector councils to help you find the information you need to define your future. Whether you're planning, building or changing careers, you can identify job possibilities and training opportunities, locate useful Websites, and even order videos, brochures and other materials.

 - On the job training
 - Apprenticeship
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 - University
 - Transition
|
 - Limited
 - Fair
 - Good



















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3131	Pharmacists	1,050	You will compound and dispense prescribed pharmaceutical in community and hospital pharmacies. As an industrial pharmacist you will participate in the research, development and manufacture of pharmaceutical products.	\$95,100	Parkland College, Lakeland College, University of Regina ..... University of Saskatchewan	☆☆☆
3142	Physiotherapists	605	Your job will be to plan and carry out individually designed programs of physical treatment to maintain, improve or restore physical functioning, alleviate pain and prevent physical dysfunction in patients.	\$61,400	University of Regina ..... University of Saskatchewan	☆☆☆
3152	Registered Nurses	8,900	Your work as a registered nurse or registered psychiatric nurse will require you to provide direct nursing care to patients, deliver health education programs and provide consultative services regarding issues relevant to the practice of nursing.	\$72,400	Lakeland College, Parkland College, SIAST, University of Regina ..... University of Saskatchewan	☆☆☆
3111	Specialist Physicians	940	In your career as a specialist physician you will research, diagnose and treat diseases and physiological or psychiatric disorders and act as supervisors and consultants to other physicians.	\$286,500	Parkland College, University of Regina ..... University of Saskatchewan	☆☆☆
3114	Veterinarians	320	As a veterinarian you will prevent, diagnose and treat diseases and disorders in animals and advise clients on the feeding, hygiene, housing and general care of animals.	\$83,500	Lakeland College, Parkland College, University of Regina ..... University of Saskatchewan	☆☆☆
3213	Veterinary and Animal Health Technologists and Technicians	350	You will provide technical support to veterinarians by caring for animals and assisting in the diagnosis and treatment of animal health disorders.	\$35,700	Lakeland College, SIAST, University of Saskatchewan	☆☆☆








## Social Science, Education, Government & Religion

4163	Business Development Officers and Marketing Researchers and Consultants	915	You will be required to conduct research, develop policies and administer programs to promote industrial and commercial business investment or tourism in urban and rural areas or to promote commercial or industrial products and services.	\$63,900	Cumberland College, Great Plains College, ..... Lakeland College, SIAST, SIIT, University of Regina, University of Saskatchewan	☆☆☆
4212	Community and Social Service Workers	3,100	You will administer and implement a variety of social assistance programs and community services, and assist clients to deal with personal and social problems.	\$41,000	Lakeland College ..... Carlton Trail Regional College, Cumberland College, Great Plains College, North West Regional College, Parkland College, SIIT, University of Regina, University of Saskatchewan	☆☆
4214	Early Childhood Educators and Assistants	4,510	In your job as an early childhood educator you will design and supervise activities that stimulate physical, intellectual and emotional growth in pre-school children.	\$22,400	Carlton Trail Regional College, Credenda Virtual High School & College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT, Southeast Regional College, University of Regina	☆☆
4143	Educational Counsellors	530	Your job as a school or guidance counsellor will be to advise students on educational issues, career planning and personal development and coordinate the provision of counseling services to students, parents and teachers.	\$55,600	Great Plains College ..... University of Regina, University of Saskatchewan	☆☆
4142	Elementary School and Kindergarten Teachers	9,420	In your career as an elementary school or kindergarten teacher you will teach basic subjects such as reading, writing and arithmetic or specialized subjects such as English or French as a second language at public or private elementary schools.	\$58,000	Credenda Virtual High School & College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, Prairie West College ..... University of Regina, University of Saskatchewan	☆☆
4213	Employment Counsellors	400	You will provide assistance, counsel and information to worker clients on all aspects of employment search and career planning. You will also provide counsel and information to employer clients regarding human resource and employment issues.	\$51,900	Great Plains College, Lakeland College, Parkland College, University of Regina, University of Saskatchewan	☆☆
4112	Lawyers and Quebec Notaries	1,475	Your job as a lawyer will be to advise clients on legal matters, plead cases or conduct prosecutions in courts of law, represent clients and draw up legal documents such as contracts and wills.	\$112,700	Northlands College, Parkland College, University of Saskatchewan ..... University of Regina	☆☆

① - On the job training   ✂ - Apprenticeship   🍃 - College   🏡 - University   🔄 - Transition | ☆ - Limited   ☆☆☆ - Fair   ☆☆☆☆ - Good




















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4211	Paralegal and Related Occupations	600	As a legal assistant or paralegal you will prepare legal documents, maintain records and files and conduct research. As a notary public you will prepare promissory notes, wills, mortgages and other legal documents.	\$47,300	University of Regina 	☆☆
4155	Probation and Parole Officers and Related Occupations	430	In your job as a probation officer you will monitor the conduct and behaviour of criminal offenders serving probation terms. As a parole officer you will monitor the reintegration of criminal offenders serving the remainder of sentences while conditionally released into the community on parole.	\$69,200	Great Plains College, SIAST ..... North West Regional College, University of Regina, University of Saskatchewan   	☆☆☆
4151	Psychologists	385	In your career as a psychologist you will diagnose psychological and emotional disorders, counsel clients, provide therapy and research and apply theory relating to behaviour and mental processes.	\$72,600	Parkland College, Lakeland College ..... University of Regina, University of Saskatchewan   	☆☆☆
4141	Secondary School Teachers	5,100	As a secondary school teacher you will prepare and teach academic, technical, vocational or specialized subjects at public and private secondary schools.	\$60,000	Cumberland College, Great Plains College, Lakeland College, Northlands College, Parkland College, Prairie West College ..... University of Regina, University of Saskatchewan   	☆☆
4152	Social Workers	1,610	In your career as a social worker you will treat social function difficulties, provide counselling, therapy and referral to other supportive social services and evaluate child development and the adequacy of childcare.	\$58,700	Cumberland College, Great Plains College, Lakeland College, Northlands College, SIAST ..... Parkland College, University of Regina, University of Saskatchewan   	☆☆☆
4121	University Professors	1,895	As a university professor you will teach courses to undergraduate and graduate students and conduct research at universities and degree-granting colleges.	\$94,400	Parkland College ..... University of Regina, University of Saskatchewan   	☆☆☆

## Art, Culture, Recreation and Sport

5231	Announcers and Other Broadcasters	285	You will read news, sports, weather and commercial messages and host entertainment and information programs for broadcast on radio or television.	\$45,100	University of Regina 	☆☆
5244	Artisans and Craftspersons	515	Your profession will involve using manual and artistic skills to design and make ornamental objects, pottery, stained glass, jewelry, rugs, blankets, musical instruments and other handicrafts. Design firms, retail organizations, broadcasting, clothing and textile companies, museums, and private studios will employ you.	\$25,700	University of Regina, University of Saskatchewan 	☆☆
5121	Authors and Writers	415	You will plan, research and write books, scripts, plays, essays, speeches, manuals, specifications and other non-journalistic articles for publication, broadcast, or presentation. There are no standardized qualifications for writers in Saskatchewan. However, most professional writers have extensive post-secondary education and considerable writing experience.	\$48,900	Parkland College ..... University of Regina, University of Saskatchewan   	☆
5252	Coaches	240	You will prepare and train individual athletes or teams for competitive events. Depending on the sport, you may also be required to complete the National Coaching Certificate program.	\$55,100	University of Regina, University of Saskatchewan 	☆☆
5122	Editors	210	You will review, evaluate and edit manuscripts, articles, news reports and other material for publication or broadcast, and co-ordinate the activities of writers, journalists and other staff. You may also work on a freelance basis.	\$59,200	University of Regina, University of Saskatchewan 	☆☆
5241	Graphic Designers and Illustrators	905	In your job as a graphic designer or illustrating artist you will conceptualize and produce designs, illustrations, layouts and visual images to effectively communicate information for publications, advertising, films, posters and signs.	\$46,400	SIAST, University of Regina, University of Saskatchewan 	☆☆

ⓘ - On the job training  
 ✖ - Apprenticeship  
 🍃 - College  
 🎓 - University  
 🔄 - Transition |  
 ☆ - Limited  
 ☆☆☆ - Fair  
 ☆☆☆☆ - Good






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5242	Interior Designers	95	You will conceptualize and produce aesthetic and functional designs for interior spaces in residential, commercial, institutional and industrial buildings.	\$46,200	Lakeland College, SIAST 	☆☆
5123	Journalists	425	As a journalist you will research, investigate, interpret and communicate news and public affairs through newspapers, television, radio and other media.	\$55,200	Parkland College   University of Regina, University of Saskatchewan 	☆☆
5111	Librarians	510	As a librarian you will develop, organize and maintain library collections and provide advisory services for users. The minimum educational requirement for most librarians is a Master's degree in Library Science.	\$59,900	Credenda Virtual High School & College, SIAST, University of Regina  	☆☆
5211	Library and Archive Technicians and Assistants	710	As a library and archive technician or assistant you will assist users in accessing library or archive resources, assist librarians or archivists in cataloguing new acquisitions and conduct reference searches.	\$36,400	Credenda Virtual High School & College, Northlands College, SIAST 	☆
5136	Painters, Sculptors and Other Visual Artists	340	As an artist you will create original paintings, drawings, sculptures, etchings, engravings and other artistic works. Both universities offer degree programs in painting, sculpture and other visual arts.	\$51,800	University of Regina, University of Saskatchewan 	☆
5221	Photographers	255	As a photographer you will operate still cameras to photograph people, events, scenes, materials, products and other subjects.	\$40,200	University of Saskatchewan 	☆☆
5131	Producers, Directors, Choreographers and Related Occupations	355	In your work as a producer, director or choreographer you will be among those who oversee and control the technical and artistic aspects of film, television, radio, and dance and theatre productions.	\$59,400	SIAST   University of Regina, University of Saskatchewan 	☆
5124	Professional Occupations in Public Relations and Communications Professionals	785	As a public relations and communications professional you will develop and implement communication strategies and information programs, publicize activities and events and maintain media relations on behalf of businesses, governments and other organizations.	\$60,800	Cumberland College, Great Plains College, Parkland College, SIAST   University of Regina, University of Saskatchewan 	☆☆
Sales & Service						
6242	Cooks	7,055	Your job will be to prepare food and meals, cut meat and learn basic baking and pastry cooking methods.	\$48,700	Carlton Trail Regional College, Cumberland College, SIAST, Southeast Regional College, Northlands College, North West Regional College  	☆☆☆
6462	Correctional Service Officers	1,270	Your job as a correctional service officer will be to guard prisoners and detainees and maintain order in correctional institutions and other places of detention.	\$62,900	Cumberland College, SIAST, University of Regina, University of Saskatchewan  	☆☆

## Internet Sites for SCHOLARSHIP INFORMATION

<a href="http://www.studentawards.com">www.studentawards.com</a> <a href="http://www.scholarshipscanada.com">www.scholarshipscanada.com</a> <a href="http://www.schoolfinder.com">www.schoolfinder.com</a> <a href="http://www.sasknetwork.ca">www.sasknetwork.ca</a> <a href="http://www.freschinfo.com">www.freschinfo.com</a> <a href="http://www.aucc.ca">www.aucc.ca</a> <a href="http://www.fastweb.monster.com">www.fastweb.monster.com</a> <a href="http://www.nextstudent.com">www.nextstudent.com</a> <a href="http://www.finaid.org">www.finaid.org</a> <a href="http://www.explore.usask.ca/moneymatters/scholarships">www.explore.usask.ca/moneymatters/scholarships</a> <a href="http://www.uregina.ca/awards">www.uregina.ca/awards</a> <a href="http://www.siastr.sk.ca/admissions/scholarships_awards.html">www.siastr.sk.ca/admissions/scholarships_awards.html</a> <a href="http://www.greatplainscollege.ca/scholarships">www.greatplainscollege.ca/scholarships</a> <a href="http://www.southeastcollege.org/services/scholarships.htm">www.southeastcollege.org/services/scholarships.htm</a> <a href="http://www.lakelandcollege.ca/admissions/funding">www.lakelandcollege.ca/admissions/funding</a> <a href="http://www.health.gov.sk.ca">www.health.gov.sk.ca</a>	Student Awards Canada Scholarships School Finder Sasknet Work Free scholarship information service Association of Colleges and Universities Fast Web (U.S.A. based) Next Student (U.S.A. based) Canadian Financial Aid Search University of Saskatchewan University of Regina SIAST Great Plains College Southeast Regional College Lakeland College Saskatchewan Students Health	<a href="http://www.sgeu.org">www.sgeu.org</a> <a href="http://www.src.sk.ca">www.src.sk.ca</a> <a href="http://www.nupge.ca">www.nupge.ca</a>  <a href="http://www.ammsa.com/ammsabursary.html">www.ammsa.com/ammsabursary.html</a> <a href="http://www.ainc-inac.gc.ca">www.ainc-inac.gc.ca</a> <a href="http://www.naaf.ca">www.naaf.ca</a> <a href="http://www.ayn.ca">www.ayn.ca</a> <a href="http://www.chfscholarships.com">www.chfscholarships.com</a> <a href="http://www.wendyclassicachiever.ca">www.wendyclassicachiever.ca</a> <a href="http://www.cumberlandcollege.sk.ca">www.cumberlandcollege.sk.ca</a> <a href="http://www.myfutureishere.ca">www.myfutureishere.ca</a> <a href="http://www.saskapprenticeship.ca/Youth_Apprentices">www.saskapprenticeship.ca/Youth_Apprentices</a>	SGEU Scholarships Technology-in-Action Awards Aboriginal Canadians and Visible Minority Scholarship Aboriginal Awards Indian and Northern Affairs National Aboriginal Achievement Foundation Aboriginal Youth Network Canadian Hospitality Foundation Wendy's Cumberland College My Future is Here Saskatchewan Youth Apprenticeship Industry Scholarships
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 - On the job training
  - Apprenticeship
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6472	Elementary and Secondary School Teacher Assistants	4,940	In this job you will assist teachers and counsellors in the teaching and supervision of elementary and secondary school students.	\$26,800	Carlton Trail Regional College, Credenda Virtual High School & College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT, Southeast Regional College, University of Saskatchewan	 	☆☆
6482	Esthetician: Nail Technicians / Skin Care Technician		<p><b>Nail Technician:</b> In this career you will perform manicures, pedicures, cosmetic massage of the limbs and digits, and artificial nail applications or enhancements.</p> <p><b>Skin Care Technician:</b> In this career you will perform specialized body/facial treatments, correct skin problems, make-up artistry, cosmetic massage, hair removal, lash/brow tinting, manicures/pedicures.</p>	\$52,000	SIAST and Private Schools		
6262	Firefighters	965	You will carry out firefighting and fire prevention activities, and assist in other emergencies.	\$62,900	Lakeland College, Northlands College, Parkland College		☆☆
6453	Food and Beverage Servers	6,470	You will be required to sell and serve food and beverages, and prepare alcoholic and non-alcoholic beverages.	\$31,100	Lakeland College, SIAST, STEC	 	☆☆☆
6272	Funeral Directors and Embalmers	180	Funeral directors co-ordinate and arrange all aspects of funeral services. Embalmers prepare human remains for funerals and burial.	\$47,200	SIAST, University of Saskatchewan		☆☆
6234	Grain Elevator Operators	100	As a grain elevator operator you will purchase grain from farmers, determine the grade, quality and weight of grain delivered, and maintain records for farmers and companies.	\$65,200	Lakeland College		☆
6271	Hairstylists	2,540	As a hairstylist you will design hair by shampooing, cutting, styling and colouring. You will also be required to perform tasks related to retail sales and customer service.	\$62,400	Northlands College, North West Regional College, Private Schools, SIAST, Southeast Regional College	 	☆☆
6435	Hotel Front Desk Clerks	750	You will promote, sell and book accommodation products and services.	\$26,500	SIAST, STEC, University of Saskatchewan	 	☆☆
6231	Insurance Agents and Brokers	1,700	As an insurance adjuster or broker you will sell automobile, fire, life, property, marine and other types of insurance to businesses and individuals.	\$54,400	Great Plains College, Lakeland College, SIAST, University of Regina, University of Saskatchewan		☆☆☆
6464	Occupations Unique to the Armed Forces	545	In the Armed Forces your duties may include engaging in drills and other training in preparation for peacekeeping, combat and natural disaster; operating armored vehicles, artillery, hand-held weapons and other military combat equipment and defense systems; and policing and protecting Canadian waters, land, airspace and other interests.	\$63,000	SIAST, University of Regina, University of Saskatchewan	 	☆☆☆
6483	Pet Groomers and Animal Care Workers	315	You will feed, handle, train and groom animals and assist veterinarians, animal health technologists and animal breeders.	\$20,900	Lakeland College, SIAST		☆☆
6261	Police Officers (Except Commissioned)	2,250	You will protect the public, detect and prevent crime and perform other activities directed at maintaining law and order.	\$85,300	Cumberland College, Great Plains College, Parkland College, SIAST, University of Regina		☆☆☆
6232	Real Estate Agents and Salespersons	450	You will act as agent for the sale or purchase of houses, apartments, commercial buildings, land and other real estate. The Saskatchewan Real Estate Commission must license you to work in the province.	\$57,600	Lakeland College, SIAST, University of Regina, University of Saskatchewan		☆☆
6233	Retail and Wholesale Buyers	500	Working as a retail and wholesale buyer you will buy merchandise for resale by retail and wholesale establishments and will usually be responsible for the merchandising operations of retail establishments.	\$57,200	Great Plains College, Lakeland College, SIAST, University of Regina, University of Saskatchewan		☆
6421	Retail Salespersons and Sales Clerks	18,145	Your job will be to sell or rent a range of goods and services in stores and other retail businesses and in wholesale businesses that sell on a retail basis to the general public.	\$39,300	Great Plains College, Cumberland College, Lakeland College, Parkland College, SIAST		☆☆☆



NOC Code	job title	number emp. 2006	job description	avg. income 2009	training and education routes	prospects to 2014
6411	<b>Sales Representatives - Wholesale Trade (Non-Technical)</b>	3,520	You will sell non-technical goods and services, such as petroleum, food, and transportation to wholesale, commercial, industrial and professional clients.	\$63,100	Great Plains College, Lakeland College, University of Regina, University of Saskatchewan ⓘ	☆☆
6651	<b>Security Guards and Related Occupations</b>	1,935	You will be required to guard property against theft and vandalism, control access to establishments, maintain order and enforce regulations at public events and within establishments.	\$33,600	Cumberland College, Northlands College, Parkland College, SIAT ⓘ	☆☆☆
6221	<b>Technical Sales Specialists - Wholesale Trade</b>	1,155	You will sell a range of technical goods and services, such as scientific and industrial products, electricity, telecommunications services and computer services, to governments and to commercial and industrial establishments.	\$75,400	Lakeland College, SIAT, University of Regina, University of Saskatchewan 🍃	☆☆☆

## Trades, Transport and Equipment Operation

7315	<b>Aircraft Mechanics and Aircraft Inspectors</b>	210	Your job will be to repair and inspect all types of aircraft and avionics systems.	\$64,900	SATCC ⓘ 🔧	☆
7321	<b>Automotive Service Technicians, Truck Transport and Mechanics</b>	4,710	In your career you will service and repair automobiles, light trucks and buses. Diagnostic, computer, and mechanical skills will be used.	\$70,700	Lakeland College, North West Regional College, Parkland College, SIAT 🔧 🍃	☆☆
7262	<b>Boilermakers</b>	200	Boilermakers make and assemble dust, gas, steam, oil, water or other liquid-tight containers, structures and equipment.	\$73,100	SATCC 🔧 🍃	☆☆☆
7281	<b>Bricklayers</b>	230	You will lay concrete block, brick, pre-cut stone to either construct or repair structures.	\$51,900	SIAT 🔧 🍃	☆☆
7412	<b>Bus Drivers and Subway and Other Transit Operators</b>	2,770	As a bus driver, subway operator or other transit operator you will drive buses and operate streetcars, subway trains and light rail transit vehicles to transport passengers on established routes.	\$34,800	Carlton Trail Regional College, Cumberland College, Great Plains College, Lakeland College, Parkland College, Southeast Regional College ⓘ	☆☆
7272	<b>Cabinetmakers</b>	435	Your job will be to construct, repair, and finish and install cabinets, furniture, fixtures and related products.	\$35,000	Cumberland College, SATCC 🔧 🍃	☆☆☆
7271	<b>Carpenters: Scaffolder / Framer</b>	4,305	In this career you will construct, renovate and repair buildings and structures made of wood and other materials. This may require you to lay out, assemble, maintain and dismantle scaffolds, bleachers, and stages. As a framer, you will construct and erect floor, wall and roof framing and install exterior doors and windows.	\$64,300	Carlton Trail Regional College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Sask Carpenter Joint Training Committee, SIAT, SIIT 🔧 🍃	☆☆☆
7311	<b>Construction Millwrights and Industrial Mechanics (Except Textile)</b>	2,080	In this career you will install, maintain and repair machinery in factories, mines and production facilities.	\$81,900	Carlton Trail Regional College, Northlands College, Parkland College, SIAT 🔧 🍃	☆☆☆
7371	<b>Crane Operators</b>	375	You will operate many types of hoisting equipment to move, place and position items.	\$73,000	Parkland College, Western Trade Training Institute 🔧 🍃	☆☆☆
7414	<b>Delivery and Courier Service Drivers</b>	2,430	You will drive automobiles, vans and light trucks to pick up and deliver products such as newspapers, dairy products, prescription drugs, and dry cleaning and take-out food. You may be required to have a Class 1A or Class 3A drivers license.	\$38,300	Carlton Trail Regional College, Cumberland College, Great Plains College, Lakeland College, Parkland College, Prairie West College ⓘ	☆☆
7244	<b>Electrical Power Line and Cable Workers</b>	635	Your job will be to construct and maintain overhead and underground power lines and related equipment.	\$78,000	SaskPower Training Centre 🔧 🍃	☆☆☆
7241	<b>Electricians (Except Industrial and Power System)</b>	1,930	As an electrician you will install, repair, test and maintain wiring, controls, motors and other electrical devices in both the industrial and construction sectors.	\$73,200	Carlton Trade Regional College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Southeast Regional College, SIIT, SIAT 🔧 🍃	☆☆☆
7421	<b>Pipeline Equipment Operator</b>	4,195	You will operate heavy equipment in the construction of pipeline systems.	\$63,400	Carlton Trail Regional College, Cumberland College, Great Plains College, Northlands College, North West Regional College, Parkland College, SIAT, SIIT, Southeast Regional College ⓘ 🔧	☆☆☆

ⓘ - On the job training 🔧 - Apprenticeship 🍃 - College 🎓 - University 🔄 - Transition | ☆ - Limited ☆☆☆ - Fair ☆☆☆☆ - Good

NOC Code	job title	number emp. 2006	job description	avg. income 2009	training and education routes		prospects to 2014
7312	Heavy-Duty Equipment Mechanic/Agriculture Machinery Technician	2,410	You will repair, overhaul and maintain mobile heavy-duty equipment used in construction, forestry, mining, material handling, landscaping, land clearing, farming and similar activities.	\$81,900	Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, Mechanical Trades		☆☆☆
7242	Industrial Electricians	695	You will install, maintain, test, troubleshoot and repair industrial electrical equipment and associated electrical and electronic controls.	\$83,900	Carlton Trail Regional College, Cumberland College, Great Plains College, Lakeland College, Southeast Regional College, SIAST		☆☆☆
7293	Insulators	170	You will apply thermal insulation to commercial and industrial structures and equipment.	\$53,800	Heat and Frost Insulators Training Committee		☆☆☆
7264	Ironworkers	445	You will field fabricate, weld, erect/dismantle metal work and erect and place pre-cast concrete, rig and place machinery.	\$73,100	Northlands College, SIAST		☆☆☆
7231	Machinists and Machining and Tooling Inspectors	850	Your career will involve working with metals and operating metal cutting and metal shaping machinery.	\$68,700	SIAST		☆☆☆
7322	Motor Vehicle Body Repairers/Refinisher	1,410	Your job will be to service and refinish motor vehicle bodies.	\$52,000	SIAST		☆☆
7294	Painters and Decorators	1,070	You will apply paint, varnish and wallpaper to interior and exterior building surfaces, and to other fittings and furnishings.	\$37,800	SATCC		☆☆☆
7284	Drywall and Acoustical Mechanic	1,080	Your job will be to cut and install drywall sheets and specialized ceilings.	\$37,500	SATCC		☆☆
7251	Plumbers	1,665	In this job you will install and maintain water and sewage systems in residential, commercial and industrial buildings; you may be licensed as a gasfitter. Once you have attained certain levels of the Plumber trade, you are eligible to challenge the Gasfitter exam.	\$68,600	Carlton Trail Regional College, Cumberland College, Northlands College, SIAST, SIIT, Southeast Regional College		☆☆☆
7313	Refrigeration and Air Conditioning Mechanics	365	You will install and maintain primary and secondary refrigeration and cooling systems in commercial and industrial settings.	\$41,600	SIAST, SIIT		☆☆☆
7291	Roofers and Shinglers	470	You will install and maintain built-up roofs, flat deck roofs, steep roofs and other roofs with a variety of covering materials.	\$39,900	Cumberland College, SIAST		☆☆☆
7261	Sheet Metal Workers	550	In this job you will be required to use ten-gauge or lighter metal to make and repair products and buildings.	\$64,500	SIAST, SIIT		☆☆☆
7252	Steamfitters, Pipefitters and Sprinkler System Installers	685	Steamfitters and pipefitters lay out, assemble, fabricate, maintain and repair piping systems carrying water, steam, chemicals and fuel in heating, cooling, lubricating and other process piping systems. Sprinkler system installers fabricate, install, test, maintain and repair water, foam, carbon dioxide and dry chemical sprinkler systems in buildings, for fire protection purposes. Once you have attained certain levels of the Steamfitter-Pipefitter trade, you are eligible to challenge the Gasfitter exam.	\$68,600	Carlton Trail Regional College, Lakeland College, SATCC, SIAST, SIIT		☆☆
7263	Structural Metal and Platework Fabricators and Fitters	220	You will design, fabricate, cut and assemble structural steel, plate and miscellaneous metals.	\$73,100	SIAST		☆☆☆
7246	Telecommunications Installation and Repair Workers	865	You will install, test, maintain and repair telephones, telephone switching equipment or other telecommunications equipment. Telecommunications Installation and Repair Worker is not a designated trade in Saskatchewan.	\$64,500	SIAST		☆☆☆
7245	Telecommunications Line and Cable Workers	315	As a telecommunications line and cable worker you will install, repair and maintain telecommunication lines and cables. Telecommunications Line and Cable Worker is not a designated trade in Saskatchewan.	\$60,200	SIAST		☆☆☆



NOC Code	job title	number emp. 2006	job description	avg. income 2009	training and education routes	prospects to 2014
7411	Truck Drivers	11,760	Truck drivers operate heavy trucks to transport goods and materials over urban, interurban, provincial and international routes.	\$49,100	Carlton Trail Regional College, Cumberland College, Great Plains College, Lakeland College, Northlands College, Parkland College, Southeast Regional College ⓘ	☆☆☆
7265	Welders and Related Machine Operators	4,175	You will join metals and plastics together using various welding methods and equipment. Work will be in manufacturing facilities, primarily with MIG and flux-core welding processes.	\$79,100	Carlton Trail Regional College, Cumberland College, Great Plains College, Lakeland College, Northland College, North West Regional College, Parkland College, SIIT, SIAST, Southeast Regional College ⚡✂️	☆☆☆

## Primary Industry

8431	General Farm Workers	11,975	In this job you will plant, cultivate and harvest crops; raise livestock and poultry and maintain and repair farm equipment and buildings.	\$29,500	Carlton Trail Regional College, Cumberland College, Lakeland College, Parkland College, Southeast Regional College, SIAST, University of Saskatchewan ⓘ	☆
8616	Logging and Forestry Labourers	445	In this job you will perform a variety of manual tasks, such as attaching choker cables to logs, planting trees, clearing brush, spraying chemicals, cleaning up landing areas, and assisting other workers in woodlands operations.	\$39,100	Northlands College, SIAST ⓘ	☆
8614	Mine Labourers	230	You will carry out a variety of general labouring duties to assist in the extraction of coal, minerals and ore, and in other services in support of mining operations.	\$62,900	Carlton Trail Regional College, Northlands College ⓘ	☆☆☆
8615	Oil and Gas Drilling, Servicing and Related Labourers	1,770	You will carry out a variety of general labour duties and operate equipment to assist in the drilling and servicing of oil and gas wells.	\$57,000	Great Plains College, Lakeland College, Parkland College, Southeast Regional College ⓘ	☆☆☆
8232	Oil and Gas Well Drillers, Servicers, Testers and Related Workers	1,050	As an oil and gas well driller and well serviceperson you will control the operation of drilling and hoisting equipment on drilling and service rigs, and direct the activities of the rig crew under supervision of the rig manager.	\$85,500	Great Plains College, Lakeland College, Parkland College, Southeast Regional College, University of Regina, University of Saskatchewan ⚡✂️	☆☆☆
8412	Oil and Gas Well Drilling Workers and Services Operators	1,360	In your job as an oil and gas well drilling worker you will operate drilling and service rig machinery as a member of the rig crew.	\$75,900	Great Plains College, Lakeland College, Parkland College, Southeast Regional College, University of Regina, University of Saskatchewan ⓘ	☆☆☆
8422	Silviculture and Forestry Workers	200	In this job you will be required to perform a variety of duties related to reforestation and to the management, improvement and conservation of forestlands.	\$40,200	Lakeland College, Northlands College, SIAST, University of Regina ⓘ	☆
8411	Underground Mine Service and Support Workers	200	As an underground mine service and support worker you will perform a range of duties related to the operation of ore passes, chutes and conveyor systems, the construction and support of underground structures, passages and roadways, and the supply of materials and supplies to support underground mining.	\$75,900	Carlton Trail Regional College, Northlands College, SIAST ⓘ	☆☆☆
8231	Underground Production and Development Miners	1,090	As an underground production and development miner you will drill, blast, operate mining machinery and perform related duties to extract minerals in underground mines and to construct tunnels, passageways and shafts to facilitate mining operations.	\$84,500	Northlands College, SIAST ✂️	☆☆☆

## Processing, Manufacturing and Utilities

9231	Central Control and Process Operators, Mineral and Metal Processing	185	You will operate and monitor multi-function process control machinery and equipment to control the processing of mineral ores, metals or cement.	\$77,200	Northlands College, SIAST, SIIT, Southeast Regional College ✂️	☆
9483	Electronics Assemblers, Fabricators, Inspectors and Testers	310	You will assemble, repair and test circuit boards and other electronic components.	\$37,600	SED Systems ⓘ⚡	☆☆☆
9492	Furniture and Fixture Assemblers and Inspectors	260	As an assembler you will assemble parts to form subassemblies or complete articles of furniture and fixtures. As an inspector you will inspect furniture and fixture subassemblies and finished products to ensure product quality.	\$32,900	SIAST ⓘ	☆☆

ⓘ - On the job training ⚡ - Apprenticeship ✂️ - College 🎓 - University 🔄 - Transition | ☆ - Limited ☆☆☆ - Fair ☆☆☆☆ - Good

NOC Code	job title	number emp. 2006	job description	avg. income 2009	training and education routes	prospects to 2014
9411	Machine Operators, Mineral and Metal Processing	195	You will operate single-function machines or machinery that is part of a larger production operation to process mineral ore and metal products.	\$57,600	SIAST ⓘ	☆☆
9486	Mechanical Assemblers and Inspectors	410	You will assemble a wide variety of mechanical products such as trucks, buses, snowmobiles, garden tractors, automotive engines, transmissions, outboard motors, gearboxes and hydraulic pumps.	\$37,000	SIAST ⓘ	☆☆
9232	Petroleum, Gas and Chemical Process Operators	1,215	In your job you will be required to monitor and operate petroleum, petrochemical and chemical plants and monitor, adjust and maintain processing units and equipment in these plants.	\$89,300	Great Plains College, Lakeland College, Northlands College, SIAST, SIIT, Southeast Regional College, University of Regina, University of Saskatchewan 🌿	☆☆☆
9461	Process Control and Machine Operators, Food and Beverage Processing	755	Working in this field you will be required to operate multi-function process control machinery or single function machines to process and package food and beverage products.	\$47,500	SIAST, SIIT (SIAST), University of Regina ⓘ	☆☆
9424	Water and Waste Plant Operators	500	You will be responsible for monitoring and operating computerized control systems and related equipment in water filtration and treatment plants to regulate the treatment and distribution of water.	\$50,500	Credenda Virtual High School & College, Cumberland College, Great Plains College, Lakeland College, Northlands College, North West Regional College, Parkland College, SIAST, SIIT (SIAST), Southeast Regional College, University of Regina, University of Saskatchewan ⓘ	☆☆

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contacts

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**Credenda Virtual High School & College**  
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Ph: 306-764-2847 • Toll Free: 1-866-910-2847 Fax: 306-764-2857 • [www.credenda.net](http://www.credenda.net)

**Cumberland College**  
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**Saskatchewan Apprenticeship and Trade Certification Commission**  
2140 Hamilton Street • Regina, SK S4P 2E3  
Ph: 306-787-2444 • Toll Free: 1-877-363-0536 • Fax: 306-787-5105 • [www.saskapprenticeship.ca](http://www.saskapprenticeship.ca)

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ⓘ - On the job training   ✂ - Apprenticeship   🌿 - College   🏫 - University   🔄 - Transition |   ☆ - Limited   ☆☆ - Fair   ☆☆☆ - Good



# Fact or



**Most people know what they want to be by the end of high school.**

Some do, but if you don't – welcome to the majority.

**Enrolling in a post secondary program is irreversible.**

Definitely fiction – and another way to make yourself crazy. You might start university thinking you want to be a lawyer or enrol in a technology program before realizing you prefer nursing. It's okay to change your mind. Yes, there may be a cost attached, but your investment will be small compared to the lifelong benefits of an education that fits.

**If I follow my passion, I'll automatically do well at it.**

Sad to say, this is fiction. You might love hockey, but it doesn't mean you'll automatically be a great hockey player. Interests do not always

match up with skills and abilities. The great thing about following your passion is that it motivates you to improve your skills. Just try not to blind yourself to other options that better match your skills and abilities.

**Taking time off from school will help me figure out what I want to do.**

This one is subjective. Sometimes, taking time off to travel, volunteer or try out different jobs is a great way to clear your perspective. But if your time off has no direction or end goal, chances are you'll only prolong the decision-making process without gaining any clarity. If you want a gap year, make it count.

**Go for the money.**

Fiction. Say you start your career at 25 and are lucky enough to retire early at 55; that's 30 years of work ahead of you. If you're not really interested in what you do, and you're doing it for 7-8 hours a day, chances are you're going to

**There is one right occupation.**

***Fiction.** You'll make yourself crazy looking for your one and only occupation. It's also good to keep in mind that you will probably have several occupations over the course of your life – be open to different opportunities that match your interests and skills.*

spend most of your life feeling disgruntled and trapped. Balance money and interest in your career goals.

**Having a career is essential to personal fulfillment.**

Fiction. Career is only one aspect of your life. A happy, healthy life needs to balance work with friends, family, health/fitness, recreation/leisure, spirituality and so on.

**There are always options.**

Fact. Life is full of options. If you find yourself in a program that doesn't fit or a job you don't like, make a course correction. And if you can't find work in your dream field, be open to opportunities in other areas. You might be surprised at what jobs will interest you. Just remember, there are always options – as you'll see when you read the 2011 peer profiles in this magazine.



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Government of  
Saskatchewan

# Angela Lee

## Bricklayer

*Angela Lee knows a thing or two about taking the road less travelled. Just 21 years old, she's an apprentice bricklayer in the third year of a four-year apprenticeship program. She's been the only female tradesperson on many jobsites and grown used to having her efforts judged on a different level. Despite the challenges of choosing a non-traditional career, she'll be the first to tell you – she loves what she does.*

### What made you choose a trades career?

In high school, everybody seemed to be focused on university, but I knew that wasn't what I wanted. Industrial Arts was my favourite class. My school had a program where students could tour job sites and talk to different tradespeople. I loved carpentry at school but I didn't really like construction carpentry. Then I was introduced to bricklaying and I just fell in love with it.

### What is it about bricklaying that appeals to you?

It lets me be outside, on my feet and living a healthy lifestyle. At the end of the day, you can stop, look around and see what you've built. Most people don't look at a building and think, somebody built this. I do. Now, I can look at buildings I've worked on and know I helped create that. It's the best feeling in the world.

### What kind of education or training do you need?

First, I got a job with Scorpio Masonry in Saskatoon. Then I was able to apply for the apprenticeship program. It's a four-year program and for the first three years you spend two months in school and ten months on the job. I'm finished the school portion now; at the end of my fourth year, I'll take the journeyperson's test.

### What surprised you most about the school work?

I think there's a common misconception that if you're in the trades it means you couldn't make it anywhere else. Not true. There's a lot to learn in every trade and bricklaying is no different. It requires a lot more math and science than people think. At first, even I was a bit shocked to see how much there was to learn and know.

I'm only 21 and I just bought my own house.



### How about the job, any surprises there?

Lots! When I first started, I was just 18. The owner was fantastic. At first, I was really surprised at how polite the other guys were, but then I realized the owner had told them to be nice to me, to make sure it was a friendly work environment. They had to change the way they were so that I could work with them – that's pretty amazing. After I'd cracked a few jokes and gotten to know them, things got a lot better. Now I'm like everyone else, they talk to me like I'm a normal person.

### Do you think the trades are a good option for women?

Sure, so long as it's what you want to do. You have to understand that people will be watching you. Sometimes, it feels like I have to do twice as much as everybody else just to be seen on the same level. It's rough, but if you're ready to work up to expectations, it's a great career.

### Where do you see yourself in 10 years?

It depends on the opportunities. I've thought about being a teacher. My favourite teacher in high school was my carpentry teacher. He was a carpenter for a lot of years, and when he got tired of that, he got a teaching degree. Maybe I'll be a bricklayer as long as I can, then I'll teach bricklaying.

### Any advice for other young women looking at the trades?

If you decide that's what you really want to do, you have to give it all you have. It's hard work. You have to be at work from 6 in the morning to 6 at night. I've worked in minus 30 and plus 30 temperatures. You're moving all day. For me, the hard work is worth it. I love my job, and it's rewarding too. I'm only 21 and I just bought my own house.

**Future Prospects** – Employment prospects to 2014 are good. The average annual wage for bricklayers in Saskatchewan is \$51,900.

**Opportunities** – In 2006, just 5% of bricklayers in Saskatchewan were female. Employment opportunities are concentrated in larger urban centres, especially Regina and Saskatoon.

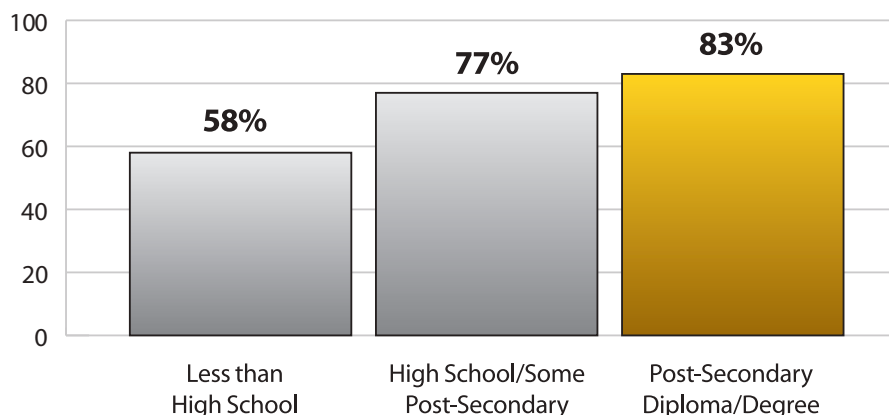
**Similar Career Paths** – Bricklaying is one of several masonry and plastering trades. Others include cement finisher, tilesetter, drywaller and acoustical mechanic.



Education increases your employment prospects. Education also increases your earning power. That's a fact. For years, surveys have been showing there is a direct – and growing – connection between education, employment and income.

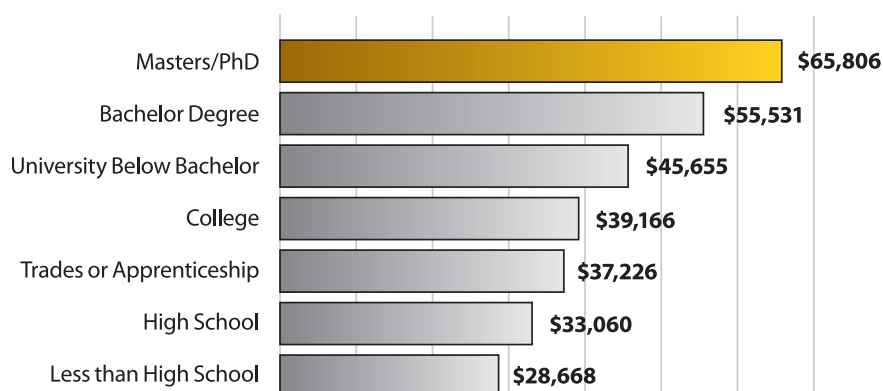
Employment rates are much higher for people with post-secondary or at least high school education. Nation-wide, there's a 25% gap between the employment rate of people with a post-secondary degree or diploma and those with less than high school.

**Employment Rate Based on Education**



Zero in on a specific region like Northern Saskatchewan, and the value of education becomes even more obvious. In the North, 31% of adults with less than high school are unemployed – compared to 17% of Northern high school grads, 12% of post-secondary certificate or diploma holders and 3% of university degree holders.

**Saskatchewan Median Annual Wage by Education (2008)**



Statistics also show that during a recession (such as the one we went through in 2008-2009), people with less education are more at risk of being unemployed. Plus statistics show that high school dropouts who are employed actually work longer than others ... but earn less money.

Education not only improves your job opportunities, it improves your earning power. In an average week, a skilled tradesperson will earn \$178 more than a high school dropout, someone with a college certificate or diploma will earn \$218 more and a university grad will earn \$558 more. That's money in *your* pocket.

Education – whether apprenticeship trade, career training, college diploma or university degree – gives you the kind of options you want in life, in terms of job opportunities and upward earning power.

Source: Statistics Canada 2006 Census

for more information go to [www.relevancemag.ca](http://www.relevancemag.ca)

# EDUCATION = Money

*Futurists say that approximately 60-70% of jobs will require two years post-secondary education within the next few years.*



# Desmond Jackson

RCMP Constable

*Growing up on the Blackfoot Piikani Nation in southern Alberta, Desmond Jackson admits he was no saint. Still, he grew up wanting to be a police officer like his dad. He applied to the RCMP Training Academy when he was 20, but had to wait almost a full year to learn whether or not he'd be accepted. He made the cut and started his training in April of 2009. By September, the 21-year-old had graduated and earned the right to wear the famous red serge uniform. He was also on his way to his first posting: the small community of Patuanak, 350 kms north of Prince Albert.*

## What made you want to join the RCMP?

I always wanted to be a police officer, specifically an RCMP officer, because that's what I grew up seeing. My dad was an RCMP officer, so he was my role model. Before I applied, I did basic military training in Wainwright and took a two-year Criminal Justice Police diploma program in Lethbridge. Then I decided to apply for the RCMP; that was in March of 2008. It's a long process and you have to go through a lot of steps. I got accepted in March of 2009, almost exactly a year after I had applied.

## How was the training?

Demanding, and physically and mentally exhausting. The program is designed to push you. It's 24 weeks long. Your day starts at 4:30 in the morning and goes straight to 4:30 in the afternoon. Your whole day was structured.

## What surprised you about your training?

There was no individuality; everything you did, you did as a troop. If you messed up, it wasn't Cadet Jackson who messed up, it was Troop 1. You're rewarded and penalized as a troop. Everything was teamwork.

## How did you start your career?

Sometime between weeks 19 and 21 of your training you learn where you're going to be posted. It can be anywhere in Canada. I don't know the actual process, but I think the fact that I'm a young, physically fit Aboriginal male, unmarried with no kids, played a role in my posting to a more remote community.

## What was your first day in Patuanak like?

It was a big culture shock. I grew up on the Piikani reserve in southern Alberta, so I've always been close to Lethbridge and Calgary. Coming to a small, isolated, northern community was a big change.



The RCMP is a close-knit community, there's a lot of camaraderie.

## What's the toughest part of being a police officer?

In a small community like this, there are no resources to support you. There's no fire department, no ambulance service, no search & rescue. People turn to us for all those things. And you have to have a pretty thick skin, because you're dealing with some pretty tough situations.

## How do you handle the tough stuff?

The RCMP is a close-knit community, there's a lot of camaraderie. That's a huge part of being able to do the job. All sections of the province work together, so you're never alone. If I run into a problem, I can call someone in another section for help or advice, and they'll give it.

## What do you like most about your job?

We help people; you can't do this job if you don't like helping people. There's no other incentive: it's not a ton of money, you're far from home, dealing with tough situations and sometimes putting your life on the line. Every member of this organization has a huge conscience. We do it to help people.

## Any advice for someone considering a career in policing?

If it's what you want to do, go for it. If it turns out that you don't like it, you can retire or do something else. But if you're really thinking about it, there's a reason for that and you should go ahead and try. At least then you can say you did it, and not have any regrets.

**Future Prospects** – Employment prospects for police officers to 2014 are good and so is the salary: average annual wage is \$85,300.

**Joining the Force** – Apply to the RCMP Training Academy or to your local police department. The application process usually requires applicants to pass a variety of steps, including physical fitness test, psychological interview, polygraph test, background check and more.

**Training** – Successful RCMP applicants complete a 24-week training course at the RCMP Training Academy in Regina; successful municipal police department applicants complete 18 weeks at the Saskatchewan Police College.

**Educational Path** – Applicants who hold a certificate, diploma or degree in Social Work or Human Justice may have a better chance of acceptance to the RCMP or city police force. The U of R offers a degree program in Police Studies and SIAST offers an Aboriginal Police Preparation course.



# relevance APPRENTICESHIP

## What is Apprenticeship?

Apprenticeship is a process of skills training where a person – called an “apprentice” – learns the skills of a trade on-the-job and under the supervision of an expert – called a “journeyman”. This is an “earn while you learn” system of building a career, with 47 trades to choose from in Saskatchewan.

Apprenticeship training is on-the-job training combined with theoretical and practical training. The apprentice spends approximately 85 per cent of their time learning the knowledge and skills of the trade on-the-job, while earning a wage. About once per year, the apprentice spends a few weeks learning theory in a technical institute that reinforces the knowledge and skills taught on-the-job.

Apprentices must experience the broad range of skills in the trade, work the prescribed number of hours on the job, and successfully complete all levels of technical training before being eligible to write the journeyman exam. The apprentice must pass the journeyman exam with at least 70 per cent to receive a “Journeyman Certificate of Qualification”. Employers accept journeyman certification at face value because industry has set the standards for certification.

Forty out of the 47 trades in Saskatchewan are designated as “Red Seal” Interprovincial (IP) trades. The certificate of a journeyman in an IP trade is recognized across the country.

To get started in apprenticeship training, find an employer who agrees to hire you in your chosen trade and who will train you under the supervision of a journeyman. A formal contract must then be signed between the employer and the apprentice, and it must be registered with the Saskatchewan Apprenticeship and Trade Certification Commission (SATCC). The Commission is responsible for monitoring the range of skills learned on-the-job and scheduling the apprentice into technical training when it's time.

Apprenticeship training ranges from two to four years, depending on the trade. Apprenticeship training is the hands-on way to build a career in the skilled trades. You learn a trade while you earn a living, so there is little education-related debt. A journeyman certificate is the foundation for many career opportunities, from manager to instructor to entrepreneur. Explore your career opportunities in the skilled trades today!



## What are the steps to becoming an apprentice?

1. Find an employer willing to provide the necessary on-the-job training and supervision.
2. Sign an apprenticeship contract with the employer and register it with SATCC.
3. Work and learn on the job for the required period.
4. Submit your hours of work (trade time) to the SATCC every few months.
5. Attend technical training for the required number of weeks each year when notified by the SATCC.
6. Pass your technical training.
7. Upon successfully completing the apprenticeship program and passing the certification exams, the apprentice receives a Certificate of Completion of Apprenticeship and a Journeyman Certificate of Qualification.

## Congratulations, you are a professional journeyman now!

## What education do I need to become an apprentice?

Employers usually prefer to hire workers who have completed Grade 12. While academic requirements for entry into the trades are no longer related to high school grade level, high school completion will ensure entry into the trade. For specific requirements for each trade, visit [www.saskapprenticeship.ca](http://www.saskapprenticeship.ca).

## Can previous work experience count toward my apprenticeship?

You bet! If you have been involved in the Saskatchewan Youth Apprenticeship (SYA) Program, or some other trades program through your high school, you may receive advance standing in that trade when you register as an apprentice. Contact an SATCC office in your area to learn more.

For more information, see the SATCC website at [www.saskapprenticeship.ca](http://www.saskapprenticeship.ca) or call 1-877-363-0536.

## Saskatchewan Apprenticeship and Trade Certification Commission

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Fax: 306-787-5105  
Toll Free: 1-877-363-0536

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# Jason Slinn

## Mining Technician

*Jason Slinn is a Mine Technician at Cameco's Rabbit Lake Operation, the second largest uranium milling operation in the world. Although he grew up in Regina, Jason moved to La Ronge when he was 18 and immediately took to the northern lifestyle. He got his Adult Grade 12 and took some university classes at Northlands College. But when he saw a posting for the Mining Engineering Technician program, he changed course and took the first step toward his future.*

### What is your job?

I'm an Intermediate Mine Technician at the Rabbit Lake mine. I do underground surveying to make sure the drifts are online and on grade. It's interesting work. Basically, I help make sure that things are up to standard to ensure production and safety.

### What training or education did you need?

I took a two-year Mining Engineering Technician course at Northlands College. Before that, I was taking first year university classes, but I didn't want a job where I was sitting at a desk. When I saw the Mining Engineering Technician program poster, I thought it sounded interesting and I liked the idea of getting on with one of the mines in the North.

### Did you talk to anybody about your options?

The student counsellors at Northlands were really helpful in helping me decide what I wanted to do. They help you decide if the path is right for you. They told me about the job, that working in a mine was hard work, that underground mining wasn't for everybody. They helped me understand what I was getting into.

### What was the biggest challenge in your post secondary education?

The workload – there was a lot to learn. I expected it, but at the same time it was still a surprise. The course packs a lot in, but as long as you keep up with the homework, you'll be alright. Some courses were challenging, like physics and mining economics. I did

a lot of homework and studying, spent a lot of hours after school to understand the material. The teachers really helped. They would sit down with you and make sure you understood the material.

### How did you start your career?

I sent out resumes while I was still at school, then I got an interview with Cameco and was hired, so I had a job as soon as I was finished the program.

### What was your first day on the job like?

It was overwhelming, that's for sure. There's so much to learn and remember. There are a bunch of modules you have to take. The senior mine engineer and senior mine technician were really helpful in guiding me through and ensuring I understood what I was supposed to do.

### What's the best thing about your job?

I like that I get to go underground. I think that's pretty cool. I like the work I do; I like most everything about the job. I also like the week on/week off schedule.

### Where do you see yourself in 10 years?

I like what I'm doing now, so I guess I see myself continuing to do it. I like the mining industry. As I get more experience, I hope to move up, maybe be a foreman or superintendent. Maybe I'll go back to school and take mine engineering.

### Any career advice for other young people?

Figure out what you like. I took university classes because everybody was doing it, but I wasn't into it. When I realized that, I decided to check out my options before I went further. When I tried a more trades-like program, I found I really enjoyed it. I think it's better to go with what you enjoy doing, than to go along with what everyone else is doing.

I like that I get to go underground. I think that's pretty cool.



**Future Prospects** – With Saskatchewan's mining industry booming, employment prospects for geological and mineral technologists and technicians are good. Average weekly salaries are well above that of employees in other sectors.

**Education** – There are many career options in mining, but most require some form of post secondary education or training. Technicians and technologists take one or two-year programs; engineers require a university degree; tradespeople complete apprenticeship programs to attain journeyman status.

**Mining Careers** – Saskatchewan's mining industry is growing and so are the job opportunities. Projections estimate that Saskatchewan's mining sector will require an additional 18,000 workers in the next 10 years, including 4,000 tradespeople and over 500 engineers.



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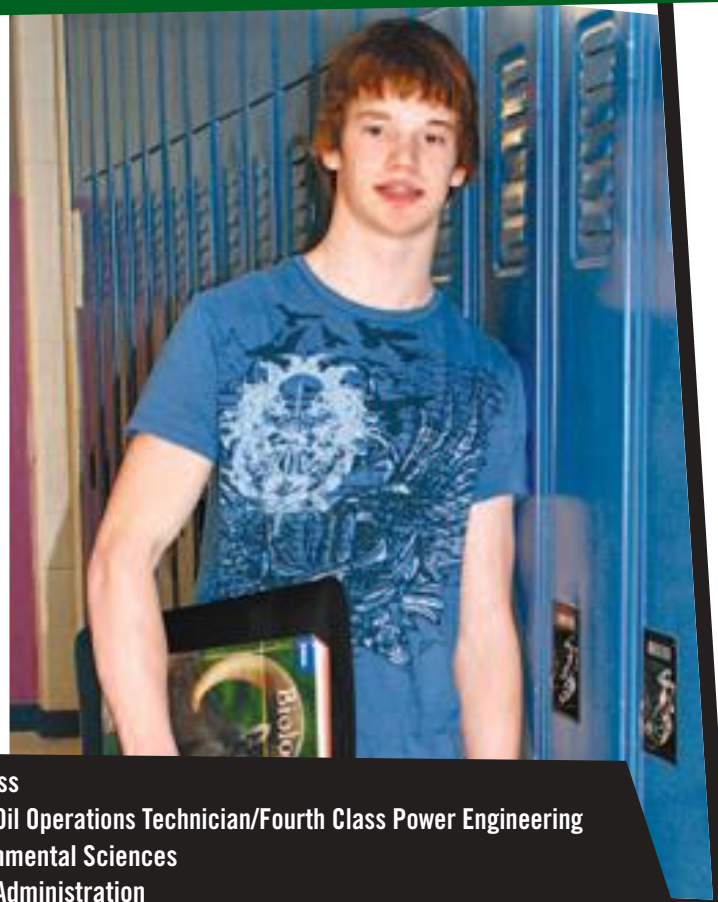
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- University of Saskatchewan: [www.students.usask.ca/moneymatters/awards](http://www.students.usask.ca/moneymatters/awards)
- University of Regina: [www.uregina.ca/awards/scholarships/](http://www.uregina.ca/awards/scholarships/)
- SIAST: [www.siastr.ca/admissions/scholarships\\_awards.shtml](http://www.siastr.ca/admissions/scholarships_awards.shtml)
- [www.sasknetwork.ca](http://www.sasknetwork.ca)
- [www.publications.gov.sk.ca/deplist.cfm?d=139&c=2275](http://www.publications.gov.sk.ca/deplist.cfm?d=139&c=2275)

### Canada-wide Scholarships

- [www.scholarshipcanada.com](http://www.scholarshipcanada.com)
- [www.studentawards.com](http://www.studentawards.com)

### Student Loans

- [www.aeei.gov.sk.ca/student-loans](http://www.aeei.gov.sk.ca/student-loans)

### Summer Job Sites

- [www.careers.gov.sk.ca/studentjobs](http://www.careers.gov.sk.ca/studentjobs)
- [www.sasknetwork.gov.sk.ca/html/Home/saskjobs/studentemployment.htm](http://www.sasknetwork.gov.sk.ca/html/Home/saskjobs/studentemployment.htm)
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- [www.servicecanada.gc.ca/eng/sk/regional/youth.shtml](http://www.servicecanada.gc.ca/eng/sk/regional/youth.shtml)
- [www.workinc.com](http://www.workinc.com) (Canadians with Disabilities)

### Transition to Work Sites

- [www.gov.sk.ca/services/post-secondary-students/](http://www.gov.sk.ca/services/post-secondary-students/)
- [www.psyep.ca/home.aspx](http://www.psyep.ca/home.aspx) (Post Secondary Graduate Youth Eco Internship Program)

# Michelle Hugli Brass

Journalist

*When she was 19, Michelle Hugli Brass won a CBC Newsworld Joan Donaldson Scholarship for aspiring journalists. It was a big honour, one that gave her a chance to work in CBC's Calgary newsroom. It also got the ball rolling on a career that has taken Michelle in unexpected directions, from magazine editor, to reporter, to host of the Afternoon Edition on CBC Radio Saskatchewan. Today, at 29, Michelle is looking forward to moving her journalism career into new, uncharted territory.*

## What made you want to be a journalist?

It was my dad who first planted the seed. He asked if I'd ever considered journalism, and the more I thought about it, the more I liked the idea. I've always been an avid reader, I love to write, I love talking with people, listening to their stories. It was a good fit. Also I'm half Saulteaux, and that part of my heritage was a driving force. I saw how little people really knew about the role First Nations played in shaping Canadian history; I wanted to contribute to people's knowledge, to build bridges between cultures.

## What did you do once you knew?

I did my homework and discovered the Indian Communication Arts program at First Nations University. I enrolled straight from high school. It's a great program. From there, I was accepted into the University of Regina's School of Journalism. I graduated with a degree in journalism and a minor in Indian Studies. It was five years of post secondary education.

## How did you find the jump from high school to post secondary?

I was surprised at how much the onus is on you. In university, you're responsible for yourself; you don't have teachers taking attendance and calling your parents if you're not there. The workload is much more challenging as well, but I was motivated. My goal was to get into the journalism school, and they only accepted so many students a year, so I kept my grades up. Whenever I felt overwhelmed, it was good to know I had a goal, that there was a reason I was doing this.

## Was it tough going from school to full time work?

The transition was smoother for me because I had already done several internships. The biggest challenge was adapting to the fast-paced



I wanted to contribute to people's knowledge, to **build bridges** between cultures.

environment. You just get thrown into things. I had to get over my shyness pretty quick. And I had to learn that it was okay to ask questions or to ask people for help.

## What do you like most about your job?

Meeting new people and learning new things; that's the great thing about being a journalist, you know a little about a lot of things. I like the variety – I've been involved in reporting, hosting, producing, writing. I also liked that there were opportunities in Saskatchewan, because I was really interested in staying here.

## You just left your job as host of CBC Radio's Afternoon Edition, why?

Hosting the Afternoon Edition has been great, but I'm 29, recently married and I want more flexibility in my life. The pace in radio can be intense. My days often lasted from 8 in the morning to 6 at night.

Now, I want to focus on being a freelance journalist. I want to interview Elders and young people, do more community-based stories – that kind of thing.

## Where do you see yourself in 10 years?

I'd like to develop the writing side of my career. I'd like to write for magazines and tell more in-depth stories. I want to stay in Saskatchewan and write about what people here are doing, what issues we're facing in our society. I want to be a part of that conversation.

## What advice would you give someone looking for the 'right' career?

Don't limit yourself; think big. Don't assume you can't do something just because no one you know is doing it. Don't worry about what everyone else thinks. Everyone has a unique set of gifts, so take the time to find out what yours are. Then find a job that lets you use your gifts.

**Prospects** – Journalists research, investigate, interpret and communicate news and public affairs through newspapers, television, radio and other media. The average annual wage is \$55,200 and job prospects to 2014 are considered fair.

**Education Options** – The University of Regina offers a journalism degree. First Nations University offers a two-year Indian Communication Arts program through the U of R, and INCA graduates can ladder into the School of Journalism.



# How **Your** Mind Works

**Have you ever wondered why you think the way you do?** According to cognitive psychology, your mind can be divided into three parts: conscious, subconscious and creative subconscious. The role of your conscious mind is to perceive, associate, evaluate and make decisions. Think of it as your thinking mind.

Then there's your subconscious. This part of your mind processes and catalogues information and experiences, and stores them as attitudes, beliefs, opinions, truths, expectations and so on. Your subconscious does not judge the information; it accepts it all, good and bad. This stored information can be intellectual or emotional. When you add it all together, it forms the basis of your self-image.

Your conscious mind draws on your subconscious when it is making decisions about the future. This means that you are basing most of your decisions about school, career and relationships on what happened to you in the past. Here's the trap: say you do poorly in math fractions in grade four. Your teacher works with you, but it's hard and you don't do well. Your

conscious mind thinks, "hmmm, I'm no good at math." Your subconscious hard drive stores this perception.

Now you're exploring post-secondary programs, and you're attracted to several that require math ... and you're no good at math.

You might forge ahead or decide on a different program. But what if you're really just fine at math? Your subconscious mind has stored a perception from when you were nine years old and turned it into a belief. It is not something you necessarily outgrow, and you can blame your creative subconscious.

Your creative subconscious has four functions: solving conflicts, creating energy, setting goals and generally maintaining your sanity by making sure you act in accordance with your self-image, which is based on all the stuff you've stored in your subconscious, true or not. So if your subconscious is telling you that you're no good at math, your creative subconscious will do what it needs to do to ensure you act in accordance with being no good at math.

Understanding how your mind really works opens a door. Once you learn to question your attitudes and beliefs, it becomes easier to make choices based on what you want out of life, rather than what you think you are limited to achieving.

# Shay Anderson

Environmental Scientist

*Raised on a cattle ranch southwest of Maple Creek, Shay Anderson is a farm boy at heart. So when he finished high school, enrolling at the University of Saskatchewan College of Agriculture seemed a natural career choice. He obtained a diploma in Agriculture, with a minor in Animal Science. But by then, his interests had shifted. He decided to use his diploma to ladder into a degree program . . . in Environmental Science.*

## What do you do?

I work as an environmental scientist for an engineering and environmental consulting firm called Kohn Crippen Berger Ltd. My job involves soil and groundwater remediation, reclamation and site assessments, mainly for clients in the oil and gas sector. I use my training and my knowledge of soil chemistry, physics and microbiology to better understand how to minimize environmental impacts and optimize opportunities to mitigate the environmental footprint of upstream oil and gas projects.

## It sounds like you shifted gears at university, why?

Like many university students, my career plans changed once I became educated on exactly what

our society had to offer. When I moved into the degree program, I shifted my major from Animal Science to Environmental Science because, one, the environmental industry was developing, two, jobs were abundant and three, the income was appealing.

## What education do you need in your field?

I have a Bachelor of Science from the College of Agriculture and Bioresources, with a major in Environmental Sciences. But a wide range of education is acceptable to work in the oil and gas environmental sector.

## What surprised you the most about university?

The volume of information covered in each class was a big transition. You realize that university is a personal test; if you want to succeed, you have to put in the effort. It takes work and perseverance.

## How did you start your career?

I was blessed with the opportunity to start my career with a well known, experienced environmental company: W3M Land Management. It was there that I received the personal training and skills to further my career.

I really believe **opportunities** come to those who work for them.

## Any job search tips?

I recommend personally dropping off resumes at all places of potential employment. Also, use your summers wisely during university to build your resume. For example, take a job away from your home town during the summer if the experience is good.

## What was your first week on the job like?

Very exciting. On my first day, I assisted in coordinating and supervising the initial response to an oil spill.

## What was the transition to work like?

The biggest challenge in making the transition to full time work was breaking my routine and not attending classes when the fall semester resumed.

## What do you like most about your job?

The thing I like most about my job would be the diverse projects and atmospheres. One day, I could be completing a phase II environmental drilling program on the mixed grasslands and the next day I could be completing detail site assessments in the boreal forest. Most days are never the same.

## Do you think it's important for young people to explore their options?

Yes, and for me, exploring your options means doing your research. Before you enrol in a post secondary program, see what careers suit you and your interests. Make sure jobs are available. Think outside the box by taking chances. I really believe opportunities come to those who work for them.



**A Growing Sector** – The environment industry is a growing sector that offers a wide variety of jobs, each of which demands unique skills and education/training. Most jobs fall into one of three areas: environmental protection, conservation & preservation of natural resources and environmental sustainability.





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# Bryan McCrea

## Entrepreneur



*Bryan McCrea has packed a lot of experience into 23 years. He's been a tree planter and a wedding videographer, worked in Calgary and taught English in Ecuador. While at the University of Saskatchewan, he got involved with Junior Team Canada and led trade missions to Peru and Singapore. After earning his degree, he landed a summer job with AREVA Resources that soon turned into a full time position. But at the back of his mind, he always knew he wanted something different. . .*

### What do you do?

I'm the CEO of 3twentysolutions. We convert shipping containers into affordable and flexible living spaces that are used on construction or industrial sites, for hazmat facilities, mine camp residences and other buildings.

### How did 3twentysolutions come about?

It originated out of the Brett Wilson Centre for Entrepreneurial Excellence I<sup>3</sup> Idea Challenge at the University of Saskatchewan. Our team (myself, Evan Willoughby, Matt Harker and Channing McCorriston) won first place in the 2009 challenge. Later, Evan, Channing and I decided to commercialize the idea.

I'm applying things I learned in school to the real world: marketing, operations, finance, management. I don't think there's any other occupation where you get to use so much of what you learn as that of an entrepreneur.

### What do you like most about your job?

Coming in to work every morning is fun. I know that what I'm doing is creating value out of nothing. Literally. We are creating something from nothing, doing something that wasn't being done before. That's an incredible way to add value to Saskatoon, to Saskatchewan, to society.

### What is most challenging?

Prioritizing is a huge challenge. There's no boss there telling you what to do next or how to do it, you have to create that yourself. I miss the social aspects of the usual workplace. I'm a social guy and I thrive in social settings, but I spend lot of time by myself working on spreadsheets and quotes. And when things aren't going right it can be hard to turn a bad day into a good day.

There's no boss to get after you;  
you really have to want to do it.

### How do you describe your career?

I'm an accountant by education and an entrepreneur by profession. That's an important distinction for me – entrepreneurship is a career choice.

### Why did you want to be an entrepreneur?

I didn't really know what I wanted to do after high school. I went right into university because that's what you did. But arts & science just seemed like an extension of high school, so in my second term I switched to business and economics classes. Then I got into Commerce and knew that's where I fit.

### What kind of education do you have?

I have a Bachelor of Commerce, but you don't need a specific education to be an entrepreneur. Our company has people with both engineering and business backgrounds. I use my business education everyday.

### What skill have you found indispensable?

Communication is absolutely key. If I can't communicate the benefits of our product, we're stuck. You need to be a self-starter. There's no boss to get after you; you really have to want to do it. And you need good decision-making skills. You have to be able to balance your head and your heart, so you're not too clinical and not too emotional about your ideas.

### Where do you see yourself in 10 years?

Doing this – starting something new, making opportunity out of nothing. I'm having so much fun with this, I want to do it again and again. I see myself expanding into international projects.

**Career Prospects** – Entrepreneurs don't fit neatly into any one category. An entrepreneur can be an accountant or a scientist, a mechanic or a mechanical engineer. The opportunities are as distinct as the individuals who create them.

#### Assess Your Entrepreneurial Skills

– The BDC (Business Development Bank of Canada) website has a tool to assess entrepreneurial skills and aptitudes. Go to [www.bdc.ca](http://www.bdc.ca), click on Advice Centre, then Tools, then Entrepreneurial Self Assessment.



# Win an **IPOD TOUCH** or an **IPAD!**

Not only do we want to give you all the information you need to get started on choosing a career path that's right for you, we also want to give you a fabulous prize for taking the time to let us know how we're doing! How cool is that? It won't take long at all. It would probably take longer to download all of your favourite songs than to provide us with a little bit of feedback. So, what did you like about this year's **Relevance** magazine? The profiles? The articles? The Job Chart? Tell us what we can do to make the magazine even better next year. After all, this magazine is for you!



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Attention: **Janice Hill** or Fax 306.764.2857  
Deadline for submissions: May 30, 2011

## I am a

- high school student • college student • university student • employed youth
- unemployed youth • school counsellor • teacher • educator • parent
- band or tribal council employee • unemployed adult • employed adult

## Where did you get your copy of 'Relevance'?

- high school • college • university • band or tribal council office
- friendship centre • employment centre • friend • parent • other (specify)

## How did you use 'Relevance'?

## Which article(s) did you find most interesting/useful and why?

## Do you have any suggestions for the next issue of 'Relevance'?

## Who would you like to see profiled in the next 'Relevance'? Please explain why.

New profile contact email: \_\_\_\_\_





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# A FUTURE IN TRADE

## In Demand

- *In the next two decades, 40% of new jobs will be in the skilled trades and technologies.*
- *Saskatchewan experienced labour shortages in 29 trades in 2009, with eight of those shortages considered severe. More shortages are expected by 2012.*
- *Over the next 10 years, Saskatchewan's mining industry is looking at a shortage of over 4,000 tradespeople.*

Canada's aging population and lower birth rates means our country is facing a critical shortage of skilled tradespeople. **By 2020, it is estimated that Canada will be short one million workers.** So why aren't more young people going into the trades?

Misconceptions have a lot to do with it, and one of the biggest misconceptions is that the trades are for students who couldn't cut it at university. Wrong. The skilled trades require individuals with a strong academic foundation of literacy, mathematical and analytical skills. You also need to think creatively, be a good problem solver and practice self-discipline.

Another big misconception is that the trades don't pay as well. In fact, careers in the skilled trades provide income levels above the national average for employed Canadians. Wages within specific trades and provinces vary, but **tradespeople can expect to earn from \$12 to \$35 an hour plus benefits**, with additional opportunities to earn more through overtime and career advancement.

There are career opportunities in over 200 skilled trades. Generally, these trades fall within four main categories: construction (e.g. electricians, carpenters, plumbers, welders), transportation (e.g. automotive

service technicians, heavy duty equipment technicians), manufacturing (e.g. industrial mechanics, metal fabricators) and service (e.g. horticulturalists, chefs).

## Do you have a future in trade?

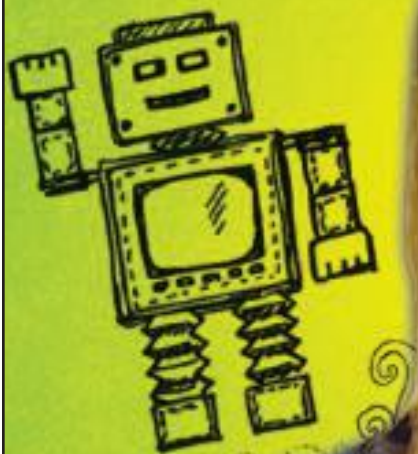
Talk to your guidance counsellor and explore the various trades and trends online at [www.saskapprenticeship.ca](http://www.saskapprenticeship.ca) or [www.skillsCanada.com](http://www.skillsCanada.com).



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