

# relevance

CAREER OPTIONS FOR YOUR FUTURE

# 2018



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# INVESTIGATE. EDUCATE. ACTIVATE.

**Welcome to Relevance 2018!** This year's magazine is designed to help you investigate job options, pursue post-secondary education/training and activate your career.

With so many options in so many fields, it can be hard to know where to start your career planning. You might have a specific career in mind or just a general idea. Or, you might be feeling completely overwhelmed and not know where to start.

With that in mind, we recruited young people in various stages of their careers and asked them to share their stories. We also recruited two peer mentors and asked them to share their insights on what it takes to break new ground.

We hope you'll learn something you didn't know before, something that helps you along in your journey. It might be a story that resonates with you, or just the right tip at just the right time. Pick up what you can, use what you want.

There is a good career fit for you out there. Relevance 2018 offers some great tips, links and resources to help you transition from high school to post-secondary, from post-secondary to a career, even from one career to another.

We say this every year, but it's worth repeating: life isn't just about the destination—it's about the journey. Career is one part of the journey, and Relevance is a tool you can use to investigate, educate and activate your career journey. Enjoy the ride.

### Thank You!

Relevance Magazine is produced by the Saskatoon Industry-Education Council. We would like to thank the Saskatchewan Ministry of the Economy and our post-secondary institutions for their long-term support. We would also like to acknowledge the individuals who help make Relevance possible, led by Janet Uchacz-Hart and Shana Stewart (Saskatoon Industry-Education Council), Saskatchewan Ministry of the Economy (Job Chart), Doug Elliot (Sask Trends Monitor), Chad Hein (designer), Liam Richards (Electric Umbrella photography) and Bev Fast (editor). Sincere thanks to the SATCC, our regional colleges, universities and businesses for their financial assistance and provision of materials. And of course, thank you to our peer and mentor profiles for sharing their experiences, stories and tips in this year's publication.

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# INVESTIGATE. EDUCATE. ACTIVATE.

## Preparing for Jobs that Don't Exist ... Yet.

There's a meme making the rounds that goes like this: "most of the children entering primary school now will ultimately work in a job that doesn't exist today." Okay, that's cool ... unless you're a high school student trying to figure out your future. Then it's confusing, maybe even a little scary. How do you career plan when the career you're planning may not be around in 10 years?

*First off, don't confuse media sound bites for facts. A sound bite is just an interesting factoid, a tiny piece of a much bigger story. And the bigger story is that while technology is eliminating some jobs, it is creating more new types of jobs. We've compiled a list of 7 tips on how to prepare for jobs that don't exist yet.*

### #1 Expect the Unexpected

Changes in job markets are not sudden, there are usually hints before the "unexpected" happens. For example, thousands of factory jobs that once had people doing repetitive, manual tasks have been lost to automation since the 1980s. That trend is continuing, so you know that jobs involving physical, repetitive tasks are very likely to be automated.

### #2 Keep Your Skills Relevant

Translate that trend to a job. If you like working on cars, for example, a good educational option is an automotive technician apprenticeship. What's on the horizon? Electric cars and driverless cars. As you go through your apprenticeship and once you're working, watch for ongoing education and training opportunities that involve electric and driverless cars.

### #3 Nurture Your Skills

In preparing for future careers, there's a bit of an argument over whether it's better to focus on soft skills such as interpersonal communication or hard skills such as specific job skills. It's true that hard skills evolve along with the job market, but so does post-secondary education and training. Whatever career you pursue, take advantage of ongoing training and professional development to keep your hard skills up-to-date. But don't ignore learning opportunities that let you develop soft skills, whether a class, workshop, volunteer or extracurricular activity.

### #4 Never Stop Learning

Post-secondary training is tuned to meet job market demands, so once you start down a path you like, keep your education up-to-date with online or in-person courses, seminars and workshops.

### #5 Follow Your Interests

Whether you're interested in cars, fashion, art, medicine, law, travel, engineering, construction, marketing, get the education/training you need to excel in that area right now. Your interest will help keep you tuned in. When innovations emerge, you'll be excited to try them out. Move toward the opportunity.

### #6 Follow the Opportunity

If you've seen a previous Relevance, then you know that many of the young people who've shared their stories as peer profiles started down one career path and then found themselves on a completely different one, simply because they took a chance on an interesting opportunity. Changing career tracks doesn't mean your previous education and experience go to waste; often, it's what sets you apart in a new career.

### #7 Focus on Challenges You Want to Help Solve

Some suggest that when you're investigating career options, think about some of the problems our society faces, things you personally feel strongly about or where you would like to have an impact. There's no shortage of issues – climate change, pollution, droughts, floods, pandemics, chronic disease, cancer, racism, poverty, addictions, crime, mental health issues. There's also no shortage of possibilities – space exploration, deep sea exploration, clean energy, accessible communities.

*Remember that the reason for career planning is to build a great future for yourself. You don't have to nail everything down now, just start by moving toward your interests.*

## "Disruption" Isn't New ... It's Normal

This isn't the first time the world has been through this kind of dramatic economic change. In the 1700s, the Industrial Revolution turned everything upside down. If you think about it, human inventions have been disrupting lifestyles for thousands of years, from the invention of the wheel to the invention of steel tools, the printing press, the telegraph, paper money, and so on. If you really want to have some fun, google, "inventions that changed history."

Everything around us began with an idea that someone developed and shared, an idea that caught the imagination and evolved into something more. Disruption means change. It's odd that humans are so uncomfortable with change, because change is our norm. The other thing to keep in mind, is that while disruption and change might be uncomfortable, it almost always results in more choices, more freedom and more access to education for young people.

## 10 Jobs of the Future

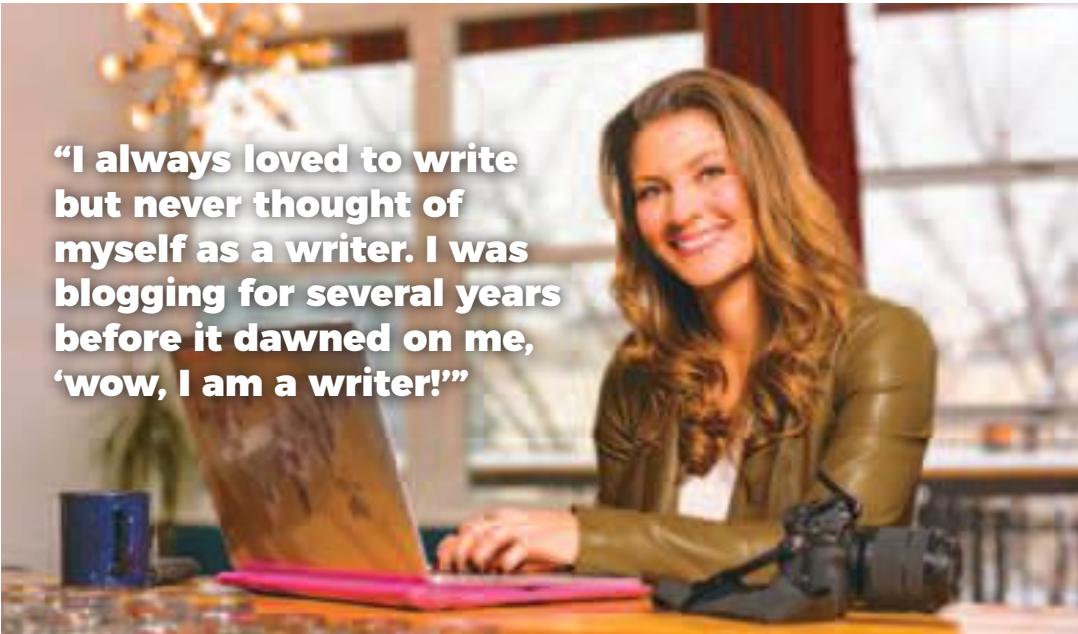
1. **Chief productivity officer:** It sounds trendy, but many companies are already creating productivity teams. Think business management with an upbeat, motivational edge.
2. **Drone manager:** As drones become more common, we're going to need systems to manage traffic and enforce rules so the drones don't cause havoc in the skies.
3. **Health care mentor:** In an increasingly high tech world, expect to see developing careers in health care that focus on the human element, such as medical advocates and mentors.
4. **Robotic transportation specialist:** We're going to need systems specialists to organize, monitor and maintain our self-driving planes, trains and automobiles.
5. **Genetic counsellor:** Genetic counsellors could help patients navigate the high tech world of individualized, genetically-based medical treatments and therapies.
6. **Human-technology integration specialist:** Look for new job opportunities for IT specialists who know how to integrate wearable technology into our everyday lives as humans.
7. **Organic voltaics engineer:** These engineers will focus on increasing the efficiency of energy and light sources using the forces of nature in a way that is healthy and renewable.
8. **Urban farmer:** Urban greenhouses, rooftop farming, vertical farmers – it's more than a trend. As more people live in cities, expect urban farmers to play a growing role in feeding local communities.
9. **Mining resource specialist:** As many of our natural resources begin to run out, natural resource extraction (mining) may evolve toward mining our landfills and rehabilitating former mine sites.
10. **Aesthetician:** Science has led to amazing advances in skin and body care, and we're going to need skilled practitioners to help us understand what product works for us.

This is just a sample of some of the cool jobs experts are forecasting for the future. Learn more at [careers2030.cst.org/mining-resource-specialist/](http://careers2030.cst.org/mining-resource-specialist/) or [monster.com/career-advice/article/cool-future-jobs](http://monster.com/career-advice/article/cool-future-jobs). Or google 'jobs of the future' and start your own investigation.

# Ashlyn **GEORGE**

The Lost Girl's Guide to Finding the World

Ashlyn George is a supposed-to-be high school teacher turned travel aficionado who has pursued extreme adventures in more than 55 countries across all 7 continents. She began blogging about her travels in The Lost Girl's Guide to Finding the World. But it was a year-long stint as the Saskatchewaner that turned a blogging hobby into a career as a travel writer.



**Did you always want to travel?**  
Actually, travel wasn't a big part of my life growing up. I lived on a farm near Foam Lake. I remember family vacations and a Grade 9 trip to England, but that's about it. Travel didn't come into my life until university.

**So, what did you want to be?**  
Originally a doctor. After high school, I moved to Saskatoon and enrolled in the pre-med requirements at university. About mid-way through, I realized it wasn't the career for me, so I re-evaluated.

**Was it easy to choose a new path?**  
No, it was tough! Since high school, I hadn't considered any other options. I'm also the type of person who likes a lot of things, so it's tough to settle down and do one thing. I finally decided on Education because I love to share knowledge. I graduated in 2010 with a B.A. in English and a B.Ed. in Education.

**So you became a teacher?**  
Well, that's an interesting story. I interviewed for a great outdoor education teaching position. I left that

interview thinking, 'please don't hire me!' I wanted to travel before I settled down to a job, and I'd planned this six-month trip to Australia, New Zealand and Fiji. I got my wish. I didn't get the job – but I did have an amazing trip.

**And that was a turning point?**  
Yes, because while I was on that trip, I designed a 5-year travel plan for myself. I thought that if I could spend 5 years in university learning about things, I could spend 5 years travelling and learning about the world. It gave intention to my travels.

**When did you start blogging?**  
I launched The Lost Girl's Guide to Finding the World in the fall of 2013. It was a passion project—I wanted to share my experiences about travelling solo as a single young woman. But the name was reflective, because I still didn't know what I really wanted to do with my life. That feeling was overwhelming at times. I was a lost girl.

**How did Saskatchewaner come about?**  
My mom sent me a link to the job posting while I

was travelling in Africa. She said, look, they'll pay you to do what you love! By now, I had figured out that I wanted to be a freelance travel writer, so I looked at the job as a springboard to a career. I made an application video while I was in Madagascar, did a Skype interview while I was in Swaziland, and then got the job offer while I was in South Africa. I started on January 12, 2015.

**How was it a springboard?**  
The Saskatchewaner is a one-year contract, so I went in with three goals. First, grow the program and help add to its success. Second, network with anyone who could potentially help me build my career, whether people or businesses I could write stories about or lining up writing assignments for magazines and tourism boards. Third, save enough money to pay for another year of travel.

**How do you describe your career now?**  
Freelance travel writer and digital content creator. I do videography, photography, on camera projects, social media marketing and speaking engagements.

**Top career skill?**  
Networking. In high school, you learn how to socialize, but not how to network. It's different. As the Saskatchewaner, for example, I had to show up at events where I didn't know anybody and reach out to people. It was a great way to learn how to put myself out there.

**Where do you see yourself in 10 years?**  
I like the path I'm on now. I want to publish a book, and I like the idea of starting a media and communications company sometime in the future. Right now, I'm just following the opportunities.

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# GOT A GREAT IDEA?

## Want to Work for Yourself?

*Did you know that almost half of Canada's post-secondary students see themselves starting their own business after graduation? That's the latest word from a recent BMO survey. And it's not just tech start-ups, it's social entrepreneurship, tourism entrepreneurship, rural and agribusiness entrepreneurship, Indigenous entrepreneurship, and more.*

*Who wouldn't like being their own boss and setting their own hours? But entrepreneurship is also a demanding career with no guarantee of success.*

### Is There an Entrepreneur in You?

Short answer, yes. There's an entrepreneurial streak in almost everyone. The real question is, do you have the confidence, passion and stick-to-it-ness to take your idea from the drawing board to ka-ching? Take a minute to do a quick self-assessment. (And remember, your answers just show where you are **now**. Your answers might change as you get an education and job experience.)

Are you:	Or are you:
<ul style="list-style-type: none"><li>• A self-starter?</li><li>• Good at handling stress?</li><li>• Confident enough to deal with setbacks without taking them personally?</li><li>• Comfortable taking risks?</li><li>• Good at problem solving?</li><li>• Able to see opportunity in a challenge?</li></ul>	<ul style="list-style-type: none"><li>• Motivated by evaluation and praise from others?</li><li>• Easily overwhelmed by stress?</li><li>• More comfortable with a regular work schedule?</li><li>• More comfortable with a regular paycheck?</li><li>• Uncomfortable pitching ideas or making cold calls?</li></ul>

### Tips for Assessing a Business Idea

Every new business starts with an idea, big or small. But now, you have to nurture and grow the idea. Here are 10 ways to evaluate the entrepreneurial viability of your idea, courtesy of Square One, a non-profit organization that assists entrepreneurs with the first steps in starting or expanding a business in Saskatchewan.

1. What is your competitive advantage? Why is your business unique?
2. Why do you think people will pay for your product or service?
3. How does your product or service compare with those from competing or substitute businesses?
4. Do you need intellectual property protection for your idea or invention?
5. How will you manufacture and distribute your product or service?
6. Do you have suppliers?
7. How will you promote your product or service?
8. Are there any government restrictions or obligations that could limit your idea?
9. What resources do you need?
10. Where can you go for support during your start-up phase?

### Start at Square One

Visit [squareonesask.ca](http://squareonesask.ca) for information, fact sheets and services, including seminars and workshops, one-on-one support and guidance, market research, resources, tools and 'Ask an Expert'.

Square One also offers a great resource called the SK Biz Grid (under 'Resources'). It's a directory that helps entrepreneurs at every stage find organizations, networks, programs and information to aid their small business.

### Develop Your Skills through JA

Junior Achievement Saskatchewan's Company Program lets high school students collaborate with peers and business volunteers to design, organize and operate a real business. The program provides real-world, hands-on business skills, including how to develop and market a product or service, build positive relationships with the community, solve real business challenges, make effective sales pitches, and more. Ask your school guidance counsellor for information, or visit [saskatchewan.jacharters.org/youth](http://saskatchewan.jacharters.org/youth).

### Entrepreneurship for Women

Women Entrepreneurs of Saskatchewan (WESK) is a non-profit, membership-based organization that has worked with hundreds of women over the last 20 years, helping them start, purchase and expand businesses. Check out the website for training and learning opportunities: [womenentrepreneurs.sk.ca](http://womenentrepreneurs.sk.ca).

### Support for Indigenous Entrepreneurs

In Saskatchewan, several organizations offer mentoring and financial support to Indigenous entrepreneurs and businesses. Explore the services offered by the Indigenous Business Development Services Program ([ibdssk.com](http://ibdssk.com)), Saskatchewan Indian Equity Foundation Inc. ([sief.sk.ca](http://sief.sk.ca)), SaskMétis Economic Development Corporation ([smedco.ca](http://smedco.ca)) and Clarence Campeau Development Fund (CCDF) ([clarencecampeau.com](http://clarencecampeau.com)).

### Mentor Your Inner Futurpreneur

Futurpreneur Canada has been fueling the entrepreneurial passions of Canada's young enterprise for two decades. It is the only national, non-profit organization that provides financing, mentoring and support tools to aspiring business owners aged 18-39. The internationally recognized mentoring program hand-matches young entrepreneurs with a business expert from a network of more than 2,800 volunteer mentors. Learn more at [futurpreneur.ca/en](http://futurpreneur.ca/en).

### Become One of Canada's Next 36

Next 36 is a program that accelerates the growth of Canada's most talented young entrepreneurs. Each year, 36 young Canadian innovators are chosen and challenged to build a new business venture or scale an existing idea. Learn more at [nextcanada.com/next-36](http://nextcanada.com/next-36).

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

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# Christian BOYLE

Designing his own career



Christian Boyle’s career path has taken some unexpected turns since high school. Dreams of an outdoor career led into tourism development, which lead to a management role with an economic development agency, which lead to a consulting role in communications and then, most recently, to his own business, Glyph Creative Strategy.

**What’s your background?**  
I’m a Regina boy; I went to Campbell Collegiate and then the University of Regina. I had no real vision, no big ideas, I just kind of went with the flow. After a few years of bouncing around university, I wanted a job, a steady paycheck – a direction, really.

**How did you find a direction?**  
A sea kayaking trip with my dad got me thinking about a career in guiding and ecotourism. I did some research and found a recreation and tourism management program at Saskatchewan Polytechnic that offered a guiding component. That component wasn’t offered by the time I enrolled, but I thought, ‘I’m here, I’ll give it a chance.’ It turned out to be a really diverse, rich curriculum.

**So, the program gave you direction?**  
It did. I could see building a career for myself in recreation and community development. It’s a broad field. Before I even graduated in 2007, I had a job as the Economic Development Officer for the Long Lake Regional Economic Development Authority in Watrous.

**What did the job involve?**  
A lot of things. I started as Economic Development Officer and was general manager six months later. I was responsible for helping local businesses with market research, developed strategies, applied for funding, managed a small business loans association and managed the local tourism marketing contract.

**Was it a good move?**  
Yes, I’d encourage anyone to consider starting their career in rural Saskatchewan. There are more opportunities to gain practical experience and handle responsibilities above your age and experience level. I basically went straight from my post-secondary program into a management role. That’s the beauty of being in a small town – you wear a lot of professional hats.

**Any challenges?**  
The biggest challenge in community development jobs is that you’re operating on funding. If that funding gets cut, so does your job. That happened to me – I actually had to lay myself off, which was weird.

**What did you do next?**  
Because of the relationships I had built, I was able to create a contract position for myself to carry on the tourism marketing work. A few months later I became project manager for the Lake Diefenbaker Tourism Destination Area Plan. When that position was winding down I approached Whitecap Dakota First Nation, one of the tourism area partners, about providing communications consulting on a contract basis.

**What did you like most about the job?**  
The relationships I’ve developed at Whitecap and the work I’ve had a chance to be involved in has been a dream come true. I’ve had a front row seat to seeing a progressive, innovative Indigenous community reinvent itself. It’s been inspiring to contribute in a small way to that success.

**What made you launch Glyph?**  
I have consistently created my own job. So I had to ask myself, why have I always bucked at the notion of traditional employment? The answer is that I’m an entrepreneur, and it was time to own it. I’m lucky enough to continue my relationship with existing clients, and now I get to explore new challenges.

**What have you learned?**  
Be flexible and willing to learn. I’ve learned so many different skills: marketing, visual communications, strategic planning, tourism development, community development. I’ve had the opportunity to see best practices in Indigenous business firsthand and learn from that. Life threw me different opportunities than I expected, or maybe I didn’t really know what I expected, but I accepted the opportunities.

**Any advice for students?**  
Embrace opportunities when they came along, even if they’re not exactly what you had in mind. Nurture relationships – relationships are everything when you’re building a career. Treat people with respect, because respect leads to learning and opportunity. Whatever your job, give it your best effort. And get involved, volunteer your time for something you care about.

**So many interests, so many choices.**

If you’re not sure about a career, investigate your options. You can use post-secondary education in a lot of different ways, often in careers that don’t fit your original plan. That’s because you’ll learn practical, technical and ‘soft’ skills. Pick up program guides and view books at your school. Check out the regional college in your area. And definitely spend time exploring Saskatchewan’s post-secondary websites:

- Gabriel Dumont Institute ([gdins.org](http://gdins.org))
- Saskatchewan Indian Institute of Technologies ([siit.ca](http://siit.ca))
- Saskatchewan Polytechnic ([saskpolytech.ca](http://saskpolytech.ca))
- University of Regina ([uregina.ca](http://uregina.ca))
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# Md Tanveer ISLAM, MSS, MA

Planning early



Being good at math and science in school, Tanveer always thought he'd pursue a career in one of the natural sciences. But he grew up in Bangladesh, where the school system makes you decide at the start of grade 9 what post-secondary education path you want to follow after grade 12. **No pressure, right?**

**How did you decide on economics?**  
Coming from a pure math and science background in high school, I first thought of pursuing my post-secondary education in theoretical physics. As I spoke with well-established professionals in the family circle and did a bit of research on my own on career prospects, it became evident to me that business-type degrees had more job prospects in Bangladesh job market. But I didn't want to let go of my passion for learning math and theory as well. So I chose Economics, which was a good balance between my educational and career goals.

**What did you like most about university?**  
I enjoyed the learning environment. I also enjoyed getting involved in different clubs, getting to know people from different disciplines and frame of thought, and building a network of lifelong friends.

**Any tips on making the most of university?**  
It's important to do well in exams, but try to get

the real learnings or skills – the things you can take to the real world and apply in the workplace. For example, as an economics student, I tried to gain as much data analysis and empirical skills as possible rather than just learning the theory for exams.

**What brought you to Saskatchewan?**  
Good university and a clear pathway to immigrate. Although Saskatchewan is not very well known globally, the University of Saskatchewan (U of S) came highly recommended for its quality graduate programs and funding opportunities. There was also the pathway to immigrate after graduation.

**What's it like moving to a new country?**  
It's difficult – new culture, new language. We were far away from friends and family, and the Canadian winters felt harsh, especially when you come from a subtropical climate. My wife and I came together, and we were both studying at the same university, so that helped somewhat. It also helped that people at the university were friendly and welcoming.

**How did you launch your career?**  
I wanted to get my foot in the Canadian job market as soon as possible. So I joined Scotiabank as a banking officer right after graduating from U of S. But it did not use my education to a large extent. Then I came across a research analyst job opportunity with the Saskatchewan government, which seemed quite relevant to my Economics background. So I applied and got the job through a competitive process. Within just 5 months, I jumped up 4 levels to my current senior position through another competition.

**What is your job today?**  
I am a Senior Economic Policy Analyst in the Labour Market Information Unit of Labour Market Development Division at the Saskatchewan Ministry of the Economy.

**What do you like best about the job?**  
It gives me the opportunity to provide advice and evidence to inform policy decisions. Those policies can have a significant impact on people's lives. It's that opportunity to do impactful work that excites me most about my job.

**Where do you see yourself in 10 years?**  
In the short run, I aspire to take on more responsibilities, possibly in a managerial role or as a team lead. In the long run, I would like to see myself in more of a leadership position where I can influence people, foster new ideas to push boundaries and make a positive impact on people's lives.

**Any advice for high school students?**  
In an increasingly competitive and globalized world, where automation is a real concern for some low-skilled jobs, and high-skilled workers are very mobile across borders, my advice is to make yourself relevant. Invest in learning the skills you need for the career you want. Get the required education or training. Look for early exposures to job market through work co-ops, summer jobs or internships – volunteer if that's an option. Find a mentor in your chosen field, if you can. **Plan ahead.**

**Want a Career in Public Service?**

If you're interested in playing a role in government or public policy, a university degree in business or the humanities is a good start.

- University of Regina ([uregina.ca](#)) Faculty of Arts offers programs in Women's & Gender Studies, Sociology & Social Studies, Resource & Environmental Studies, Political Science, Police Studies Philosophy, Politics & Economics, Indigenous Health Studies, Human Justice, Health Studies.
- University of Saskatchewan ([usask.ca](#)) College of Arts & Sciences offers programs in Economics, Indigenous Studies, International Studies, Political Studies, Regional & Urban Planning, Sociology, Women's & Gender Studies.

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**Plan Your Future**

**Saskatchewan's Top 10 In-Demand Occupations 2017-21\***  
(With post-secondary technical and trades education or university degree)

<b>1</b> Registered and psychiatric nurses \$91,300	<b>2</b> Elementary school teachers \$72,700	<b>3</b> Administrative officers \$52,700	<b>4</b> Cooks \$29,000	<b>5</b> Administrative assistants \$45,900
<b>6</b> Early childhood educators and assistants \$25,600	<b>7</b> Accounting technicians and bookkeepers \$46,600	<b>8</b> Welders and related machine operators \$65,800	<b>9</b> Carpenters \$48,900	<b>10</b> Financial auditors and accountants \$70,300

**Listed wages are 2017 estimates**  
\*Most forecasted job openings from 2017-21

[saskjobs.ca](#)

Government of Saskatchewan

# Misty ALEXANDRE

Moving her practice from ice to life



**“I think the number one skill in private practice is learning to effectively relate to people - clients, colleagues, staff - and to communicate well.”**

Not too long ago, Misty Alexandre was a young girl growing up in rural Saskatchewan who dreamed of a business career in the big city. Today, she’s a lawyer with a growing practice at Robertson Stromberg LLP. In between her journey from here to there, **she made a name for herself on the ice as a captain of the University of Saskatchewan Women’s Huskie Hockey team.**

**Why the University of Saskatchewan?**  
I always wanted to go to the University of Saskatchewan. I grew up on a farm near Eston and used to love coming into Saskatoon for the EX and Christmas shopping or to play hockey. I played on some elite hockey teams in school, and I remember hearing a Huskie athlete encouraging us to try out for the women’s hockey team. As soon as I enrolled, I tried out and ended up playing 5 years for the Huskies.

**How was the transition to university?**  
It was a dramatic change. The reading assignments hit me like a wave. I was used to reading maybe a book a month in high school, now I was assigned

that same amount over a week. The assignments were tough, so were the deadlines – everything was heightened. I had to adjust quickly.

**Were you focused on law?**  
I first thought about being a lawyer as a kid, then later set my sights on a career somewhere in the business world. I didn’t think about law again until a few years into my degree. I wrote the LSAT, and applied for law school after completing my undergrad degree in political studies.

**Why the wait?**  
I wanted to play all 5 years of my hockey eligibility and didn’t want the stress of starting law school until I had finished. I loved it – I played right wing and was a captain for 3 of those years. It was an excellent time in my life. When I started, women’s hockey was still an emerging team on campus. The program progressed during the time I was there, so I felt like I was a part of that growth and evolution.

**Biggest take-away from sports?**  
Work ethic, self discipline and lifelong friendships.

**How was the shift into law school?**  
At the beginning, it was a dramatic change in thinking, especially from an Arts degree. Instead of writing lengthy papers, I had to analyze facts and present conclusions in 2 pages. You learn that every single word has meaning, and you have to analyze every detail, back up every conclusion.

**Is it true law fits a certain personality type?**  
I don’t agree with that. The law profession is very versatile. Different personality types can do very well in different areas. I think it’s about finding where you fit, where you’re comfortable.

**How did you launch your career?**  
After my first year, I got a summer job at Robertson Stromberg LLP. They accepted me back after my second year and then offered me an articling position when I was finished my degree. I finished my articles in 2007 and became a partner in 2012.

**What was your first week as a lawyer like?**  
For me, the biggest change was appreciating the gravity of my signature. When you’re in school, the worst case scenario is that you get a poor grade or fail. When you’re practicing, there’s added gravity because what you do or don’t do has a real impact on people’s lives. It took some time, but I’ve become comfortable and confident in my decisions.

**What do you like most about your job?**  
I love my client base in the construction industry. They’re practical and focused on efficiency and results. I love that I get to do a bit of both corporate law and litigation in my practice, because usually you find yourself doing one or the other. But mostly I love the people. I work at a fantastic firm. It’s very collegial, so even if I don’t always enjoy the tasks, I always enjoy the people.

**Investigate the Legalities of Your Future**

- Want to be a lawyer? Before you can apply to law school, you’ll need a bachelor’s degree or several years of undergraduate studies. You’ll also have to write the LSAT (Law School Admission Test). It’s a half-day, standardized test administered four times a year at designated testing centres across Canada. Investigate at [lsac.org/default.asp](http://lsac.org/default.asp).
- Want to play a supporting role? The legal profession offers a number of career opportunities in supporting roles. If you’re interested in being a court clerk or court reporter, check out Saskatchewan Polytechnic’s Court Services Administrator program. Legal assistants usually have training in office administration, with on-the-job training in the unique needs of a legal office.

# hello usask

Say hello to the many advantages the University of Saskatchewan has to offer. **uSask is a place where you can learn, grow and be part of a community that recognizes how beautiful knowledge can be.**



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## Engineering and Geoscience Bursaries, Scholarships and Member Grants Available

The Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS) is pleased to announce 14 annual bursaries and scholarships to be awarded at the University of Saskatchewan and the University of Regina and two member grants to be awarded by APEGS.

**Entrance Bursaries**  
These bursaries are aimed at encouraging and assisting high school graduates entering the study of engineering or geoscience.  
These bursaries are particularly aimed at Aboriginal students who are under-represented in the professions.  
Two bursaries of \$3,625 (one for each university) to be applied towards first-year tuition in any field of engineering for a self-identified Aboriginal student.  
Two bursaries of \$2,750 (one for each university) to be applied towards first-year tuition in any field of geoscience for a self-identified Aboriginal student.  
Two bursaries of \$3,625 (one for each university) to be applied towards first-year tuition in any field of engineering for a student of any background.

**Undergraduate Scholarships**  
These academic performance and community participation-based scholarships are aimed at recognizing leadership and volunteerism among students currently enrolled in engineering or geoscience.  
Six scholarships of \$1,875 (three for each university) for current students of any field of engineering.  
Two scholarships of \$1,875 (one for each university) for current students of any field of geoscience.  
For more information on Bursaries and Scholarships contact the universities. <http://www.uregina.ca/safa/> OR <http://students.usask.ca/>

**Member Grants**  
These merit-based member grants are aimed at encouraging existing APEGS members to further their education.  
Two member grants of \$7,500 (one for each university) for current APEGS members returning for postgraduate studies in fields of engineering, geosciences or an MBA program.  
For more information on Member Grants refer to the APEGS website. <http://www.apegs.ca/Portal/Pages/Scholarships-Bursaries-Grants>



For more information on these scholarships please visit the APEGS website at [www.apegs.ca](http://www.apegs.ca)

# INVESTIGATE THIS!

Work experience, internships and volunteer opportunities can provide first-hand, practical experience in careers you might be interested in. Ask your school guidance counsellor or career centre about opportunities, or check out the following links to find something that interests you.

- **Canadian Armed Forces (CAF)** offers 6-week summer training programs for Indigenous youth that combine military lifestyle with cultural awareness. It's a great way to earn money while seeing if a military career is for you. Learn more at [canada.ca/en/department-national-defence/services/caf-jobs/indigenous-programs/training.html](http://canada.ca/en/department-national-defence/services/caf-jobs/indigenous-programs/training.html).
  - **Computers for Schools (CFS)** offers paid work experiences for youth through the Saskatchewan Technical Work Experience Program (TWEPE). The job involves refurbishing computers for distribution to Saskatchewan schools, so you need some computer hardware skills ([cfs-sask.ca](http://cfs-sask.ca)).
  - **Federal Student Work Experience Program (FSWEP)** offers continuing full-time students (high school or post-secondary) temporary jobs working with the federal government. You could work in an office or lab, on a ship or a farm, at a historical site or national park. Apply at [canada.ca/en/public-service-commission/jobs/services/recruitment/students/federal-student-work-program.html](http://canada.ca/en/public-service-commission/jobs/services/recruitment/students/federal-student-work-program.html).
  - **Federation of Sovereign Indigenous Nations (FSIN)** administers the First Nations and Inuit Summer Work Experience Program to give continuing university students a summer work experience opportunity with one of the FSIN Secretariats. Learn more at [fsin.com/about/education-and-training/first-nations-and-inuit-youth-employment-strategy-summer-work-experience-program/](http://fsin.com/about/education-and-training/first-nations-and-inuit-youth-employment-strategy-summer-work-experience-program/).
  - **International Experience Canada (IEC)** is a federal government program that makes it easier for Canadian youth ages 18-35 to get a work permit or visa in one of over 30 foreign countries and territories. Start exploring opportunities at [canada.ca/en/immigration-refugees-citizenship/services/canadians/international-experience-canada.html](http://canada.ca/en/immigration-refugees-citizenship/services/canadians/international-experience-canada.html).
  - **Science Horizons Youth Internship Program** offers green jobs for recent college or university grads in science, technology, engineering or math (STEM). See who's hiring at [canada.ca/en/environment-climate-change/services/science-technology/managing/horizons-youth-internship-program.html](http://canada.ca/en/environment-climate-change/services/science-technology/managing/horizons-youth-internship-program.html).
  - **Saskatchewan Council for International Cooperation** offers pathways to work and volunteer trips to locations all over the world through member organizations. It's a great window on the world of volunteer opportunities: [earthbeat.sk.ca/get-involved/overseas/](http://earthbeat.sk.ca/get-involved/overseas/).
  - **Saskatchewan Government** offers a variety of great summer jobs as well as internships with government departments. See what's available for 2018 at [careers.gov.sk.ca/studentjobs](http://careers.gov.sk.ca/studentjobs).
  - **Summer Youth Internship Program (SYIP)** provides Grade 11 and 12 students with work experience in the trades and information technology sectors. Six-week paid internships start at the beginning of July and run until mid-August. Visit [saskatooniec.ca/events](http://saskatooniec.ca/events) for details.
  - **Young Canada Works** is a federal job bank that lets you sign up and browse a variety of summer jobs and internships. Sign up and create a profile, then explore jobs that fit your interests: [young-canada-works.canada.ca/Account/Login](http://young-canada-works.canada.ca/Account/Login).
- Post-secondary institutions offer a number of internship, work experience and volunteer opportunities. Check with the student services centre to see what's available in your area of study.



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**Applications accepted:** October 1 to February 15 annually

[sasknursingdegree.ca](http://sasknursingdegree.ca)



Don't plan your career without knowing  
**your options.**

This section of Relevance magazine will give you a better understanding of your options.

Job Chart 2018 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 [workingincanada.gc.ca](http://workingincanada.gc.ca) for career information on an array of occupations for regions in Saskatchewan (and across Canada).

### Number Employees (2017 Estimate)

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

### Wage Estimate (2017)

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. 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. For specific details, CONTACT THE INSTITUTION DIRECTLY!

### Prospects to 2021

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 reflect employment opportunities over a five-year period, 2017 to 2021, based on current and future labour market trends.

NOC Code	job title	number emp. 2017 est.	job description	wage est. 2017	training and education routes	prospects to 2021
Business, Finance and Administration						
1431	Accounting and related clerks	4,300	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.	\$46,000	Carlton Trail College, Cumberland College, Dumont Technical Institute, Great Plains College, Lakeland College, North West College, Parkland College, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, Southeast College, University of Regina, University of Saskatchewan	★
1241	Administrative assistants	10,200	You will perform a variety of administrative duties in support of managerial and professional employers.	\$45,900	Carlton Trail College, Cumberland College, Dumont Technical Institute, Great Plains College, North West College, Parkland College, Saskatchewan Polytechnic, Southeast College, University of Regina, University of Saskatchewan	★★★★
1221	Administrative officers	8,300	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.	\$52,700	Carlton Trail College, Cumberland College, Dumont Technical Institute, Great Plains College, Lakeland College, North West College, Parkland College, Saskatchewan Polytechnic, Southeast College, University of Regina, University of Saskatchewan	★★★★
1434	Banking, insurance and other financial clerks	800	You will compile, process and maintain banking, insurance and other financial information.	\$53,100	Carlton Trail College, Cumberland College, Dumont Technical Institute, Great Plains College, Lakeland College, North West College, Parkland College, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, Southeast College, University of Regina, University of Saskatchewan	★
1227	Court officers and justices of the peace	100	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.	\$70,100	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	★★★★
1251	Court reporters, medical transcriptionists and related occupations	500	Court reporters record and transcribe the proceedings of courts and committees, and prepare transcripts for use by judges, tribunals and quasi-judicial panels. Medical transcriptionists record, transcribe and edit dictation by physicians and other health care providers.	\$43,400	Private schools	★★★★
1422	Data entry clerks	1,200	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.	\$44,900	Carlton Trail College, Cumberland College, Dumont Technical Institute, Great Plains College, Lakeland College, North West College, Parkland College, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, Southeast College, University of Regina, University of Saskatchewan	★
1228	Employment insurance, immigration, border services and revenue officers	400	Your job will be to administer and enforce laws and regulations related to immigration, unemployment insurance, and customs and tax revenue.	\$79,400	Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	★★★★
1222	Executive assistants	1,000	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.	\$58,800	Carlton Trail College, Cumberland College, Great Plains College, Lakeland College, North West College, Parkland College, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, Southeast College, University of Regina, University of Saskatchewan	★★★★

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 <http://www5.hrsdc.gc.ca/NOC>.

**Median Annual Income 2017:** 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 median. Wage information provided by the Saskatchewan Ministry of the Economy.

**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 - 2017 Provincial Estimates

**Employment Prospects - 2021:** Based on a number of statistical factors, some measuring changes in the recent past, and some based on an economic model of where the provincial economy is headed. Among those measuring changes in the recent past are i) growth in employment, ii) growth in wage rates and hours of work, and iii) the unemployment rate. Among those based on future estimates are expected increases in employment and the number of retirements.

NOC Code	job title	number emp. 2017 est.	job description	wage est. 2017	training and education routes	prospects to 2021
1112	Financial and investment analysts	600	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.	\$75,700	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	★★
1111	Financial auditors and accountants	5,400	As a financial auditor you will examine and analyze the accounting and financial records of individuals and establishments. Accountants plan, organize and administer accounting systems for individuals and establishments. There is now one designation for financial auditors and accountants: CPA.	\$70,300	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	★★★★
1411	General office clerks	7,800	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.	\$46,500	Carlton Trail College, Cumberland College, Dumont Technical Institute, Great Plains College, Lakeland College, North West College, Parkland College, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, Southeast College, University of Regina, University of Saskatchewan	★
1223	Human resources and recruitment officers	300	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.	\$52,800	Cumberland College, Great Plains College, Lakeland College, Parkland College, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	★★★★
1121	Human resources professionals	1,400	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.	\$67,000	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	★★
1312	Insurance adjusters and claims examiners	1,200	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.	\$68,900	Lakeland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	★★★★
1313	Insurance underwriters	500	You will review and evaluate insurance applications to determine insurance risks, insurance premiums and extent of insurance coverage according to company policies.	\$75,600	Lakeland College, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	★★
1242	Legal administrative assistants	1,100	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.	\$48,800	Carlton Trail College, Cumberland College, North West College, Parkland College, Southeast College	★★
1451	Library assistants and clerks	400	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.	\$46,200	Saskatchewan Polytechnic, University of Regina	★
1243	Medical administrative assistants	200	You will perform a variety of secretarial and administrative duties in doctor's offices, hospitals, medical clinics and other medical settings.	\$46,600	Carlton Trail College, Cumberland College, Dumont Technical Institute, Great Plains College, Parkland College	★★
1432	Payroll clerks	900	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.	\$54,700	Carlton Trail College, Cumberland College, Dumont Technical Institute, Great Plains College, Lakeland College, North West College, Parkland College, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, Southeast College, University of Regina, University of Saskatchewan	★
1415	Personnel clerks	200	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.	\$67,400	Carlton Trail College, Cumberland College, Dumont Technical Institute, Great Plains College, Lakeland College, Northlands College, North West College, Parkland College, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, Southeast College, University of Regina, University of Saskatchewan	★
1122	Professional occupations in business services to management	1,400	This unit group includes those who provide services to management such as analyzing the structure, operations, managerial methods or functions of an organization in order to propose, plan and implement improvements.	\$74,600	Great Plains College, North West College, Parkland College, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	★★★★

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. For specific details, CONTACT THE INSTITUTION DIRECTLY.

✖- Job May Require Apprenticeship Training | ★- Limited ★★- Fair ★★★- Good

✖- Job May Require Apprenticeship Training | ★- Limited ★★- Fair ★★★- Good

NOC Code	job title	number emp. 2017 est.	job description	wage est. 2017	training and education routes	prospects to 2021
1224	Property administrators	1,500	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.	\$46,700	Lakeland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆☆
1225	Purchasing agents and officers	1,500	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.	\$64,300	Saskatchewan Polytechnic, Saskatchewan Indian Institute of Technologies, University of Regina, University of Saskatchewan	☆☆☆
1414	Receptionists	5,800	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.	\$35,700	Carlton Trail College, Cumberland College, Dumont Technical Institute, Great Plains College, Lakeland College, North West College, Parkland College, Saskatchewan Polytechnic, Southeast College, University of Regina, University of Saskatchewan	☆
1113	Securities agents, investment dealers and brokers	200	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.	\$73,900	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
1522	Storekeepers and parts clerks	2,700	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.	\$47,600	Lakeland College, Saskatchewan Polytechnic ✖	☆☆
1454	Survey interviewers and statistical clerks	1,200	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.	\$53,300	Carlton Trail College, Cumberland College, Great Plains College, Saskatchewan Polytechnic, Southeast College, University of Regina, University of Saskatchewan	☆

Natural & Applied Science						
2222	Agricultural and fish products inspectors	100	As an agricultural and fish products inspector you will inspect agricultural and fish products for conformity to prescribed production, storage and transportation.	\$68,300	Lakeland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2271	Air pilots, flight engineers and flying instructors	400	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.	\$73,900	Saskatchewan Polytechnic	☆
2151	Architects	200	Architects conceptualize, plan and develop designs for the construction and renovation of commercial, institutional and residential buildings.	\$81,700	University of Saskatchewan	☆☆☆☆
2251	Architectural technologists and technicians	200	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.	\$61,900	Saskatchewan Polytechnic	☆☆
2221	Biological technologists and technicians	400	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.	\$72,200	Lakeland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2121	Biologists and related scientists	900	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.	\$77,900	University of Regina, University of Saskatchewan	☆☆
2134	Chemical engineers	100	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. You will also perform duties related to chemical quality control, environmental protection and biochemical or bio-technical engineering.	\$104,200	University of Regina, University of Saskatchewan	☆☆

NOC Code	job title	number emp. 2017 est.	job description	wage est. 2017	training and education routes	prospects to 2021
2211	Chemical technologists and technicians	700	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.	\$60,300	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2112	Chemists	200	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.	\$77,600	University of Regina, University of Saskatchewan	☆☆
2131	Civil engineers	1,400	Civil engineers plan, design, develop and manage projects for the construction or repair of buildings, earth structures, roads, airports, railways, rapid transit facilities, bridges, tunnels, dams and coastal installations and systems related to highway and transportation services, water distribution and sanitation. Civil engineers may also specialize in foundation analysis, building and structural inspection, surveying, geomatics and municipal planning.	\$102,400	University of Regina, University of Saskatchewan	☆☆☆☆
2231	Civil engineering technologists and technicians	600	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.	\$64,600	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2147	Computer engineers (except software engineers and designers)	300	As a computer engineer you will be required to research, plan, design, develop and test computers and related equipment, and design and develop software for engineering and industrial applications.	\$103,400	University of Regina, University of Saskatchewan	☆☆
2281	Computer network technicians	1,400	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.	\$71,200	Saskatchewan Indian Institute of Technology, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2174	Computer programmers and interactive media developers	1,900	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.	\$75,600	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2224	Conservation and fishery officers	200	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.	\$75,600	Lakeland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2234	Construction estimators	300	As a construction estimator you will analyze costs of and prepare estimates on civil engineering, architectural, structural, electrical and mechanical construction projects.	\$73,000	Lakeland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2264	Construction inspectors	300	Construction inspectors inspect the construction and maintenance of new and existing buildings, bridges, highways and industrial construction to ensure that specifications and building codes are observed and monitor work site safety.	\$80,800	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2172	Database analysts and data administrators	200	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.	\$83,200	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2253	Drafting technologists and technicians	1,100	You will be responsible for preparing engineering designs, drawings and related technical information.	\$64,500	Lakeland College, Saskatchewan Polytechnic	☆☆

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✖ - Job May Require Apprenticeship Training | ☆ - Limited ☆☆ - Fair ☆☆☆ - Good

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

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NOC Code	job title	number emp. 2017 est.	job description	wage est. 2017	training and education routes	prospects to 2021
2241	Electrical and electronics engineering technologists and technicians	1,300	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.	\$80,200	Saskatchewan Polytechnic, Southeast College, University of Regina, University of Saskatchewan	☆☆☆
2133	Electrical and electronics engineers	1,000	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.	\$99,300	University of Regina, University of Saskatchewan	☆☆☆
2242	Electronic service technicians (household and business equipment)	1,200	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.	\$52,300	Saskatchewan Polytechnic	☆☆
2223	Forestry technologists and technicians	100	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.	\$59,400	Lakeland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2212	Geological and mineral technologists and technicians	500	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.	\$84,700	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2113	Geoscientists and oceanographers	500	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.	\$118,600	University of Regina, University of Saskatchewan	☆☆
2141	Industrial and manufacturing engineers	200	You will conduct studies and develop and supervise programs to achieve efficient industrial production and efficient utilization of industrial human resources, machinery and materials.	\$89,700	University of Regina, University of Saskatchewan	☆☆
2243	Industrial instrument technicians and mechanics	500	You will maintain, diagnose, calibrate and repair control instruments in commercial and industrial settings.	\$106,900	Cumberland College, Lakeland College, Saskatchewan Polytechnic, University of Regina	☆☆
2171	Information systems analysts and consultants	2,600	Your job will be to analyze system requirements, develop and implement information systems development plans, policies and procedures, and provide advice on a wide range of information systems issues.	\$89,400	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2263	Inspectors in public and environmental health and occupational health and safety	1,500	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.	\$80,200	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2254	Land survey technologists and technicians	100	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, underground and underwater.	\$58,100	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2154	Land surveyors	300	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. You will also prepare and maintain crosssectional drawings, official plans, records and documents pertaining to these surveys.	\$93,700	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆☆

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2225	Landscape and horticulture technicians and specialists	300	Your job will be to grow plants, operate greenhouses, nurseries and garden centres, and perform landscaping duties.	\$53,400	Saskatchewan Apprenticeship and Trade Certification Commission, University of Saskatchewan	☆☆☆
2161	Mathematicians, statisticians and actuaries	100	Mathematicians and statisticians research mathematical or statistical theories, and develop and apply mathematical or statistical techniques for solving problems in such fields as science, engineering, business and social science. Actuaries apply mathematics, statistics, probability and risk theory to assess potential financial impacts of future events.	\$102,700	University of Regina, University of Saskatchewan	☆☆☆
2232	Mechanical engineering technologists and technicians	300	You may 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.	\$88,700	Lakeland College, Saskatchewan Indian Institute of Technology, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2132	Mechanical engineers	900	As a mechanical engineer you will research, design and develop machinery and systems for heating, ventilating and airconditioning, power generation, transportation, processing and manufacturing.	\$99,700	University of Regina, University of Saskatchewan	☆☆
2143	Mining engineers	300	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.	\$117,900	University of Regina, University of Saskatchewan	☆☆☆
2173	Software engineers and designers	200	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.	\$92,200	University of Regina, University of Saskatchewan	☆☆
2153	Urban and land use planners	200	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.	\$69,600	Lakeland College, University of Regina, University of Saskatchewan	☆☆☆
2282	User support technicians	900	You will provide first-line technical support to computer users experiencing difficulties with computer hardware and with computer applications and communications software.	\$60,300	Saskatchewan Indian Institute of Technology, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
2175	Web designers and developers	400	Working as a web designer and developer you will research, design, develop and produce internet and intranet sites.	\$51,800	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆

## Health

3141	Audiologists and speech-language pathologists	200	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.	\$87,600	No program currently offered in Saskatchewan	☆☆☆
3122	Chiropractors	200	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.	\$79,400	University of Saskatchewan	☆☆
3411	Dental assistants	900	You will assist dentists during the examination and treatment of patients and perform clerical functions.	\$45,700	Saskatchewan Polytechnic	☆☆
3222	Dental hygienists	700	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.	\$71,500	Saskatchewan Polytechnic	☆☆

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3223	Dental technologists, technicians and laboratory bench work	100	Your job will be to prepare and fabricate dentures and dental devices as prescribed by dentists or dental therapists.	\$44,500	No program currently offered in Saskatchewan	☆☆
3113	Dentists	400	As a dentist you will be responsible for diagnosing and treating disorders of the teeth and mouth.	\$165,500	University of Saskatchewan	☆☆
3221	Denturists	100	Denturists examine patients and design, construct and repair removable dentures. Most denturists work in private practice.	\$41,000	No program currently offered in Saskatchewan	☆☆
3132	Dietitians and nutritionists	300	Dietitians and nutritionists plan, implement and oversee nutrition and food service programs. They are employed in a variety of settings including hospitals, home health-care agencies and extended care facilities, community health centres, the food and beverage industry, the pharmaceutical industry, educational institutions, and government and sports organizations, or they may work as private consultants.	\$73,600	University of Saskatchewan	☆☆
3112	General practitioners and family physicians	1,300	As a general practitioner or family physician you will diagnose and treat the diseases, physiological disorders and injuries of patients.	\$151,800	University of Saskatchewan	☆☆
3233	Licensed practical nurses	2,600	Licensed practical nurses provide nursing care usually under the direction of medical practitioners, registered nurses or other health team members.	\$58,900	Carlton Trail College, Cumberland College, Dumont Technical Institute, Great Plains College, North West College, Parkland College, Saskatchewan Polytechnic, Southeast College	☆☆
3212	Medical laboratory technicians	800	In your work as a medical laboratory technician you will perform pre-analytical duties, conduct simple medical laboratory tests and set up, clean and maintain laboratory equipment.	\$65,500	Saskatchewan Polytechnic, University of Regina	☆☆☆☆
3211	Medical laboratory technologists and pathologists' assistants	800	In your work 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 with autopsies and examinations of surgical specimens or perform autopsies under a pathologist's supervision.	\$70,600	Saskatchewan Polytechnic, University of Regina	☆☆☆☆
3215	Medical radiation technologists	700	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.	\$74,600	Saskatchewan Polytechnic, University of Regina	☆☆
3216	Medical sonographers	200	Medical sonographers operate ultrasound equipment to produce and record images of various parts of the body to aid physicians in monitoring pregnancies and in diagnosing cardiac, ophthalmic, vascular and other medical disorders.	\$77,500	No program currently offered in Saskatchewan	☆☆☆☆
3413	Nurse aides, orderlies and patient service associates	10,200	Your job as a nurse aide or orderly will require you to assist nurses, hospital staff and physicians in the care of patients.	\$43,200	Carlton Trail College, Cumberland College, Great Plains College, Lakeland College, North West College, Parkland College, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, Southeast College, University of Regina	☆☆☆☆
3143	Occupational therapists	400	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.	\$72,300	University of Saskatchewan	☆☆☆☆
3414	Other assisting occupations in support of health services	1,000	You will provide services and technical assistance to health care professionals such as orthopedic surgeons, pharmacists, pathologists and optometrists.	\$39,900	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
3144	Other professional occupations in therapy and assessment	300	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.	\$59,100	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆

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3237	Other technical occupations in therapy and assessment	200	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.	\$47,800	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆☆
3234	Paramedical occupations	1,200	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.	\$71,800	Carlton Trail College, Cumberland College, Lakeland College, North West College, Parkland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
3131	Pharmacists	1,200	Community pharmacists and hospital pharmacists compound and dispense prescribed pharmaceuticals and provide consultative services to both clients and health care providers. Industrial pharmacists participate in the research, development, promotion and manufacture of pharmaceutical products.	\$114,700	University of Saskatchewan	☆☆
3142	Physiotherapists	900	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.	\$75,300	University of Saskatchewan	☆☆☆☆
3012	Registered nurses and registered psychiatric nurses	15,400	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.	\$91,300	Parkland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆☆☆
3111	Specialist physicians	1,100	In your career as a specialist physician you will research, diagnose and treat diseases and physiological or psychiatric disorders and act as a supervisor and consultant to other physicians.	\$156,100	University of Saskatchewan	☆☆
3114	Veterinarians	400	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.	\$92,700	University of Saskatchewan	☆☆
3213	Veterinary and animal health technologists and technicians	400	You will provide technical support to veterinarians by caring for animals and assisting in the diagnosis and treatment of animal health disorders.	\$39,000	Lakeland College, Saskatchewan Polytechnic	☆☆

Social Science, Education, Government & Religion						
4163	Business development officers and marketing researchers and consultants	900	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.	\$66,500	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
4212	Community and social service workers	4,600	You will administer and implement a variety of social assistance programs and community services, and assist clients to deal with personal and social problems.	\$45,500	Cumberland College, Great Plains College, North West College, Parkland College, Saskatchewan Indian Institute of Technology, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆☆☆
4422	Correctional service officers	1,500	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.	\$79,000	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
4214	Early childhood educators and assistants	7,100	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.	\$25,600	Carlton Trail College, Cumberland College, Great Plains College, Lakeland College, North West College, Parkland College, Saskatchewan Indian Institute of Technology, Saskatchewan Polytechnic, Southeast College, University of Regina	☆☆☆☆
4033	Educational counsellors	600	Your job as a school or guidance counsellor will be to advise current and prospective students on educational issues, career planning and personal development, and co-ordinate the provision of counselling services to students, parents, teachers, faculty and staff.	\$63,800	University of Regina, University of Saskatchewan	☆☆

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4032	Elementary school and kindergarten teachers	9,000	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.	\$72,700	Parkland College, Saskatchewan Urban Native Education Program (SUNTEP), University of Regina, University of Saskatchewan	☆☆
4413	Elementary and secondary school teacher assistants	4,400	In this job you will assist teachers and counsellors in the teaching and supervision of elementary and secondary school students.	\$34,900	Carlton Trail College, Lakeland College, Parkland College, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
4156	Employment counsellors	500	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.	\$62,900	Parkland College, University of Regina, University of Saskatchewan	☆☆
4312	Firefighters	700	You will carry out firefighting and fire prevention activities, and assist in other emergencies.	\$102,700	Lakeland College, Parkland College, Saskatchewan Indian Institute of Technologies	☆☆☆☆
4112	Lawyers and Quebec notaries	1,500	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.	\$134,700	University of Saskatchewan	☆☆
4211	Paralegal and related occupations	300	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.	\$51,500	University of Regina	☆☆
4311	Police officers (except commissioned)	2,100	You will protect the public, detect and prevent crime and perform other activities directed at maintaining law and order.	\$107,900	Saskatchewan Polytechnic, University of Regina	☆☆☆☆
4155	Probation and parole officers and related occupations	300	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.	\$74,900	Saskatchewan Polytechnic, University of Regina	☆☆
4151	Psychologists	400	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.	\$96,300	University of Regina, University of Saskatchewan	☆☆
4031	Secondary school teachers	4,300	As a secondary school teacher you will prepare and teach academic, technical, vocational or specialized subjects at public and private secondary schools.	\$77,500	Parkland College, North West College, Saskatchewan Urban Native Teacher Education Program (SUNTEP), University of Regina, University of Saskatchewan	☆
4152	Social workers	1,700	Social workers help individuals, couples, families, groups, communities and organizations develop the skills and resources they need to enhance social functioning and provide counselling, therapy and referral to other supportive social services.	\$67,300	Parkland College, University of Regina, University of Saskatchewan	☆☆
4011	University professors and lecturers	2,500	As a university professor you will teach courses to undergraduate and graduate students and conduct research at universities and degree-granting colleges.	\$111,200	University of Regina, University of Saskatchewan	☆☆

Art, Culture, Recreation and Sport						
5231	Announcers and other broadcasters	300	You will read news, sports, weather and commercial messages and host entertainment and information programs for broadcast on radio or television.	\$50,000	University of Regina	☆☆
5244	Artisans and craftspersons	400	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.	\$32,500	University of Regina, University of Saskatchewan	☆☆

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5121	Authors and writers	500	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.	\$48,700	University of Regina, University of Saskatchewan	☆☆
5252	Coaches	300	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.	\$37,000	University of Regina, University of Saskatchewan	☆☆
5122	Editors	200	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.	\$57,800	University of Regina, University of Saskatchewan	☆☆
5241	Graphic designers and illustrators	700	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.	\$38,800	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
5242	Interior designers and interior decorators	300	You will conceptualize and produce aesthetic and functional designs for interior spaces in residential, commercial, institutional and industrial buildings.	\$48,500	Lakeland College, Saskatchewan Polytechnic	☆☆
5123	Journalists	400	As a journalist you will research, investigate, interpret and communicate news and public affairs through newspapers, television, radio and other media.	\$57,500	University of Regina, University of Saskatchewan	☆☆
5111	Librarians	400	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.	\$66,200	No program currently offered in Saskatchewan	☆☆☆☆
5211	Library and public archive technicians	500	As a library and archive technician or assistant you will assist users in accessing library or archive resources, assist in describing new acquisitions, participate in archive processing and storage, and conduct reference searches.	\$45,400	Saskatchewan Polytechnic, University of Regina	☆☆
5136	Painters, sculptors and other visual artists	300	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.	\$12,700	University of Regina, University of Saskatchewan	☆☆
5221	Photographers	300	As a photographer you will operate still cameras to photograph people, events, scenes, materials, products and other subjects.	\$37,300	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
5131	Producers, directors, choreographers and related occupations	400	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.	\$52,000	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆

Sales & Service						
6332	Bakers	1,100	Bakers prepare bread, rolls, muffins, pies, pastries, cakes and cookies in retail and wholesale bakeries and dining establishments.	\$32,500	North West College, Saskatchewan Polytechnic	☆☆
6322	Cooks	9,200	Your job will be to prepare food and meals, cut meat and learn basic baking and pastry cooking methods.	\$29,000	Carlton Trail College, Cumberland College, North West College, Saskatchewan Polytechnic	☆☆☆☆
6562	Estheticians, electrologists and related occupations	1,100	This group provides facial and body treatments designed to enhance an individual's physical appearance including: cosmetician, electrologist, esthetician, manicurist, pedicurist, and tattoo artist.	\$32,900	Lakeland College, North West College, Saskatchewan Polytechnic, Southeast College	☆
6513	Food and beverage servers	7,600	You will be required to sell and serve food and beverages, and prepare alcoholic and non-alcoholic beverages.	\$20,700	Cumberland College, Saskatchewan Polytechnic, Saskatchewan Tourism Education Council	✖☆☆☆☆

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6346	Funeral directors and embalmers	100	Funeral directors co-ordinate and arrange all aspects of funeral services. Embalmers prepare human remains for funerals and burial.	\$43,400	Saskatchewan Polytechnic	☆☆
6221	Grain elevator operators	1,800	Grain elevator operators are part of a larger group of specialist technical sales persons. You will purchase grain, determine the grade and weight of grain delivered, and maintain records for farmers and companies.	\$72,600	Lakeland College	☆☆
6231	Insurance agents and brokers	1,900	As an insurance adjuster or broker you will sell automobile, fire, life, property, marine and other types of insurance to businesses and individuals.	\$56,500	Lakeland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆
4313	Occupations unique to the armed forces	400	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.	\$73,600	Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
6563	Pet groomers and animal care workers	500	You will feed, handle, train and groom animals and assist veterinarians, animal health technologists and animal breeders.	\$28,800	Lakeland College, Saskatchewan Polytechnic	☆
6232	Real estate agents and salespersons	1,100	You will act as an 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.	\$58,700	Lakeland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
6235	Financial sales representative	1,900	In your job as a sales representative you will work in a bank, credit union, or other financial institution to sell basic deposit, investment and loan products and services to individuals and businesses.	\$56,200	Carlton Trail College, Cumberland College, Great Plains College, Lakeland College, North West College, Parkland College, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
6221	Retail and wholesale buyers	1,800	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.	\$72,600	Lakeland College, Parkland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆
6421	Retail salespersons and sales clerks	21,200	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.	\$35,700	Cumberland College, Great Plains College, Lakeland College, Parkland College, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic	☆☆☆☆
6411	Sales and account representatives - wholesale trade (non-technical)	3,800	You will sell non-technical goods and services, such as petroleum, food, and transportation to wholesale, commercial, industrial and professional clients.	\$62,200	Great Plains College, Lakeland College, North West College, Parkland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆☆☆
6541	Security guards and related occupations	2,700	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.	\$37,300	Carlton Trail College, Dumont Technical Institute, North West College, Saskatchewan Polytechnic	☆☆
6221	Technical sales specialists - wholesale trade	1,800	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.	\$72,600	Great Plains College, Lakeland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	☆☆

Trades, Transport and Equipment Operation						
7315	Aircraft mechanics and aircraft inspectors	400	Your job will be to repair and inspect all types of aircraft and avionic systems.	\$60,900	Saskatchewan Apprenticeship and Trade Certification Commission, Saskatchewan Indian Institute of Technology	✖ ☆
7321	Automotive service technicians, truck transport and mechanics	5,200	In your career you will service and repair automobiles, light trucks and buses. Diagnostic, computer, and mechanical skills will be used.	\$59,500	Saskatchewan Apprenticeship and Trade Certification Commission, Lakeland College, North West College, Parkland College, Saskatchewan Polytechnic, Saskatchewan Indian Institute of Technologies	✖ ☆☆

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✖- Job May Require Apprenticeship Training | ☆- Limited ☆☆☆- Fair ☆☆☆☆- Good

NOC Code	job title	number emp. 2017 est.	job description	wage est. 2017	training and education routes	prospects to 2021
7234	Boilermakers	100	Boilermakers make and assemble dust, gas, steam, oil, water or other liquid-tight containers, structures and equipment.	\$107,900	Saskatchewan Apprenticeship and Trade Certification Commission	✖ ☆☆
7281	Bricklayers	600	You will lay concrete block, brick, pre-cut stone to either construct or repair structures.	\$48,800	Saskatchewan Apprenticeship and Trade Certification Commission, Saskatchewan Polytechnic	✖ ☆
7512	Bus drivers and subway and other transit operators	2,500	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.	\$52,800	Carlton Trail College	☆☆☆
7272	Cabinetmakers	700	Your job will be to construct, repair, and finish and install cabinets, furniture, fixtures and related products.	\$40,600	Saskatchewan Apprenticeship and Trade Certification Commission	✖ ☆
7271	Carpenters	8,200	In this career you will construct, renovate and repair buildings and structures made of wood and other materials. As a scaffolder you will 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.	\$48,900	Saskatchewan Apprenticeship and Trade Certification Commission, Cumberland College, Great Plains College, Lakeland College, Saskatchewan Carpenter Joint Training Committee, Saskatchewan Indian Institute of Technology, Saskatchewan Polytechnic	✖ ☆
7311	Construction millwrights and industrial mechanics (except textile)	2,900	In this career you will install, maintain and repair machinery in factories, mines and production facilities.	\$95,500	Saskatchewan Apprenticeship and Trade Certification Commission, Cumberland College, Dumont Technical Institute, Parkland College, Saskatchewan Polytechnic, Southeast College	✖ ☆☆
7611	Construction trades helpers and labourers	7,200	Construction trades helpers and labourers assist skilled tradespersons and perform labouring activities at construction sites, in quarries and in surface mines.	\$44,000	Saskatchewan Apprenticeship and Trade Certification Commission, Dumont Technical Institute, Great Plains College, Saskatchewan Indian Institute of Technology, Saskatchewan Polytechnic	☆
7371	Crane operators	600	You will operate many types of hoisting equipment to move, place and position items.	\$88,300	Saskatchewan Apprenticeship and Trade Certification Commission, Great Plains College, Parkland College, Western Trade Training Institute	✖ ☆☆☆
7514	Delivery and courier service drivers	2,600	You will drive automobiles, vans and light trucks to pick up and deliver products. You may be required to have a Class 1A or Class 3A drivers license.	\$38,200	Carlton Trail College, Cumberland College, Lakeland College	☆☆☆☆
7244	Electrical power line and cable workers	1,000	Your job will be to construct and maintain overhead and underground power lines and related equipment.	\$116,800	Saskatchewan Apprenticeship and Trade Certification Commission, SaskPower Training Centre	✖ ☆☆☆
7241	Electricians (except industrial and power system)	3,800	As an electrician you will install, repair, test and maintain wiring, controls, motors and other electrical devices in both the industrial and construction sectors.	\$62,500	Saskatchewan Apprenticeship and Trade Certification Commission, Carlton Trail College, Cumberland College, Great Plains College, Lakeland College, North West College, Parkland College, Saskatchewan Indian Institute of Technology, Saskatchewan Polytechnic, Southeast College	✖ ☆☆☆
7253	Gas fitters	200	You will install, inspect, repair and maintain gas lines and gas equipmnet such as meters, regulators and heating units in residential, commercial and industrial establishments.	\$93,700	Lakeland College	☆☆☆
7292	Glaziers	500	Glaziers cut, fit, install and replace glass in residential, commercial and industrial buildings, on exterior walls of buildings and other structures and in furniture and other products.	\$47,700	No program currently offered in Saskatchewan	✖ ☆☆☆
6341	Hairstylists and barbers	3,600	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.	\$26,500	Saskatchewan Apprenticeship and Trade Certification Commission, Lakeland College, North West College, Private Schools, Saskatchewan Polytechnic, Southeast College	✖ ☆☆☆
7521	Heavy equipment operators (except crane)	6,300	You use equipment in the construction and maintenance of roads, bridges, airports, gas and oil pipelines, tunnels, buildings and other structures; in mining, manufacturing and construction; and in material handling work.	\$64,500	Saskatchewan Apprenticeship and Trade Certification Commission, Carlton Trail College, Cumberland College, Great Plains College, Parkland College, Saskatchewan Indian Institute of Technology, Saskatchewan Polytechnic, Southeast College	✖ ☆☆☆

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✖- Job May Require Apprenticeship Training | ☆- Limited ☆☆☆- Fair ☆☆☆☆- Good

NOC Code	job title	number emp. 2017 est.	job description	wage est. 2017	training and education routes	prospects to 2021
7312	Heavy-duty equipment mechanics	3,300	You will repair, overhaul and maintain mobile heavy-duty equipment used in construction, forestry, mining, material handling, landscaping, land clearing, farming and similar activities.	\$71,300	Saskatchewan Apprenticeship and Trade Certification Commission, Dumont Technical Institute, Lakeland College, Mechanical Trades, North West College, Parkland College, Saskatchewan Polytechnic, Southeast College	☆☆
6525	Hotel front desk clerks	1,200	You will promote, sell and book accommodation products and services.	\$29,400	Saskatchewan Apprenticeship and Trade Certification Commission, Saskatchewan Indian Institute of Technologies, Saskatchewan Polytechnic, Saskatchewan Tourism Education Council	☆☆
7242	Industrial electricians	1,600	You will install, maintain, test, troubleshoot and repair industrial electrical equipment and associated electrical and electronic controls.	\$107,200	Saskatchewan Apprenticeship and Trade Certification Commission, Carlton Trail College, Cumberland College, Great Plains College, Lakeland College, North West College, Saskatchewan Polytechnic, Southeast College	☆☆
7293	Insulators	200	You will maintain and apply thermal insulation to commercial and industrial structures and equipment.	\$86,800	Saskatchewan Apprenticeship and Trade Certification Commission, Heat and Frost Insulators Training Committee	☆☆
7231	Machinists and machining and tooling inspectors	1,000	Your career will involve working with metals and operating metal cutting and metal shaping machinery.	\$57,600	Saskatchewan Apprenticeship and Trade Certification Commission, Saskatchewan Polytechnic	☆
7322	Motor vehicle body repairers	1,300	Your job will be to service and refinish motor vehicle bodies and frames.	\$52,800	Saskatchewan Apprenticeship and Trade Certification Commission, Lakeland College, Saskatchewan Polytechnic	☆☆
7294	Painters and decorators (except interior decorators)	1,700	You will apply paint, varnish and wallpaper interior and exterior building surfaces, and other fittings and furnishings.	\$49,100	Saskatchewan Apprenticeship and Trade Certification Commission	☆☆
7284	Plasterers, drywall installers and finishers and lathers	1,300	Plasterers apply finish, and maintain and restore plaster or similar materials, on interior and exterior walls, ceilings and building partitions to produce plain or decorative surfaces. Drywall installers and finishers install and finish drywall sheets and various types of ceiling systems. Lathers install support framework for ceiling systems, interior and exterior walls and building partitions.	\$41,100	Saskatchewan Apprenticeship and Trade Certification Commission	☆
7251	Plumbers	2,800	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.	\$59,100	Saskatchewan Apprenticeship and Trade Certification Commission, Carlton Trail College, North West College, Saskatchewan Indian Institute of Technology, Saskatchewan Polytechnic	☆☆
7313	Refrigeration and air conditioning mechanics	500	You will install and maintain primary and secondary refrigeration and cooling systems in commercial and industrial settings.	\$66,700	Saskatchewan Apprenticeship and Trade Certification Commission, Saskatchewan Polytechnic	☆☆
7291	Roofers and shinglers	700	You will install and maintain built-up roofs, flat deck roofs, steep roofs and other roofs with a variety of covering materials.	\$51,700	Saskatchewan Apprenticeship and Trade Certification Commission	☆
7233	Sheet metal workers	900	In this job you will be required to use ten-gauge or lighter metal to make and repair products and buildings.	\$58,300	Saskatchewan Apprenticeship and Trade Certification Commission, Saskatchewan Indian Institute of Technology, Saskatchewan Polytechnic	☆☆
7252	Steamfitters, pipefitters and sprinkler system installers	1,100	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.	\$83,700	Saskatchewan Apprenticeship and Trade Certification Commission, Carlton Trail College, Lakeland College, North West College, Saskatchewan Polytechnic	☆
7235	Structural metal and platework fabricators and fitters	100	You will design, fabricate, cut and assemble structural steel, plate and miscellaneous metals.	\$71,100	Saskatchewan Apprenticeship and Trade Certification Commission, Saskatchewan Polytechnic	☆
7246	Telecommunications installation and repair workers	800	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.	\$78,800	Saskatchewan Polytechnic	☆☆

NOC Code	job title	number emp. 2017 est.	job description	wage est. 2017	training and education routes	prospects to 2021
7245	Telecommunications line and cable workers	400	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.	\$83,000	Saskatchewan Polytechnic	☆☆
7511	Transport truck drivers	14,100	Truck drivers operate heavy trucks to transport goods and materials over urban, interurban, provincial and international routes.	\$59,300	Carlton Trail College, Cumberland College, Lakeland College, Southeast College	☆☆☆
7237	Welders and related machine operators	5,600	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.	\$65,800	Saskatchewan Apprenticeship and Trade Certification Commission, Carlton Trail College, Cumberland College, Great Plains College, Lakeland College, North West College, Parkland College, Saskatchewan Indian Institute of Technology, Saskatchewan Polytechnic	☆☆

Primary Industry						
8616	Logging and forestry labourers	100	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.	\$35,200	Saskatchewan Polytechnic	☆
8614	Mine labourers	500	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.	\$78,000	Carlton Trail College, Parkland College, Saskatchewan Indian Institute of Technology, Saskatchewan Polytechnic	☆☆
8615	Oil and gas drilling, servicing and related labourers	1,700	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.	\$56,300	Carlton Trail College, Great Plains College, Lakeland College, Parkland College, Southeast College	☆
8412	Oil and gas well drillers, servicers, testers and related workers	1,000	As a Rig Technician you will control rig set up and demobilization, and the operation of drilling and hoisting equipment on drilling and service rigs. Rig Technicians direct the activities of the rig crew under supervision of the Rig Manager.	\$92,900	Carlton Trail College, Great Plains College, Lakeland College, Parkland College, Southeast College, University of Regina, University of Saskatchewan	☆
8422	Silviculture and forestry workers	400	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.	\$53,600	Lakeland College, Saskatchewan Polytechnic, 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.	\$99,400	Carlton Trail College, Saskatchewan Polytechnic	☆☆
8231	Underground production and development miners	1,800	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.	\$99,500	Saskatchewan Polytechnic	☆☆

Processing, Manufacturing and Utilities						
9231	Central control and process operators, mineral and metal processing	200	You will operate and monitor multi-function process control machinery and equipment to control the processing of mineral ores, metals or cement.	\$86,900	Saskatchewan Polytechnic	☆☆
9523	Electronics assemblers, fabricators, inspectors and testers	400	You will assemble, repair and test circuit boards and other electronic components.	\$38,500	Saskatchewan Apprenticeship and Trade Certification Commission, SED Systems	☆☆☆
9532	Furniture and fixture assemblers and inspectors	200	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.	\$41,900	Saskatchewan Polytechnic	☆

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✂- Job May Require Apprenticeship Training | ☆- Limited ☆☆- Fair ☆☆☆- Good

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NOC Code	job title	number emp. 2017 est.	job description	wage est. 2017	training and education routes	prospects to 2021
9612	Labourers in metal fabrication	200	Labourers in this unit group remove excess metal and unwanted materials from metal parts, castings and other metal products and perform other labouring activities.	\$67,000	No program currently offered in Saskatchewan	★
9411	Machine operators, mineral and metal processing	300	You will operate single-function machines or machinery that is part of a larger production operation to process mineral ore and metal products.	\$75,200	Saskatchewan Polytechnic	★★
9526	Mechanical assemblers and inspectors	500	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.	\$48,400	Saskatchewan Polytechnic	★★
9232	Petroleum, gas and chemical process operators	1,700	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.	\$99,000	Great Plains College, Lakeland College, Saskatchewan Polytechnic, Southeast College, University of Regina, University of Saskatchewan	★
9461	Process control and machine operators, food, beverage and associated products processing	1,100	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.	\$51,200	Saskatchewan Polytechnic	★★
9243	Water and waste plant operators	1,000	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.	\$64,200	Cumberland College, Great Plains College, Parkland College, Saskatchewan Polytechnic, University of Regina, University of Saskatchewan	★★

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✖ - Job May Require Apprenticeship Training | ★ - Limited   ★★ - Fair   ★★★ - Good

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# EDUCATE. SCHOLARSHIPS & AWARDS

## Government Loans, Scholarships

- Saskatchewan-Canada Student Loans Program, [saskatchewan.ca/residents/education-and-learning/student-loans](http://saskatchewan.ca/residents/education-and-learning/student-loans)
- Government of Saskatchewan, [saskatchewan.ca/residents/education-and-learning/scholarships-bursaries-grants](http://saskatchewan.ca/residents/education-and-learning/scholarships-bursaries-grants)
- Saskatchewan Graduate Retention Program, [saskatchewan.ca/residents/education-and-learning/graduate-retention-program](http://saskatchewan.ca/residents/education-and-learning/graduate-retention-program)

## Apprenticeship

- Saskatchewan Apprenticeship and Trade Certification Commission (SATCC), [saskapprenticeship.ca/youth\\_apprentices/](http://saskapprenticeship.ca/youth_apprentices/)
- Apprenticeship Incentive Grant, [servicecanada.gc.ca/eng/goc/apprenticeship/incentivegrant/program.shtml](http://servicecanada.gc.ca/eng/goc/apprenticeship/incentivegrant/program.shtml)

## Saskatchewan Post-Secondary Institutions

- Carlton Trail College, [carltontrailcollege.com](http://carltontrailcollege.com)
- Cumberland College, [cumberlandcollege.sk.ca](http://cumberlandcollege.sk.ca)
- First Nations University of Canada, [fnuniv.ca/scholarships](http://fnuniv.ca/scholarships)
- Gabriel Dumont Institute (GDI), [gdins.org/student-services/scholarships-bursaries](http://gdins.org/student-services/scholarships-bursaries)
- Great Plains College, [greatplainscollege.ca/scholarships](http://greatplainscollege.ca/scholarships)
- Lakeland College, [lakelandcollege.ca/campus-life/financial-aid](http://lakelandcollege.ca/campus-life/financial-aid)
- Northlands College, [trainnorth.ca/Financial%20Assistance](http://trainnorth.ca/Financial%20Assistance)
- North West College, [northwestcollege.ca/prospective\\_students/funding\\_scholarships.html](http://northwestcollege.ca/prospective_students/funding_scholarships.html)
- Parkland College, [parklandcollege.sk.ca/admissions/scholarships/overview.html](http://parklandcollege.sk.ca/admissions/scholarships/overview.html)
- Saskatchewan Polytechnic (formerly SIAST), [saskpolytech.ca/admissions/resources/scholarships-and-awards.aspx](http://saskpolytech.ca/admissions/resources/scholarships-and-awards.aspx)
- Saskatchewan Indian Institute of Technologies (SIIT), [siit.ca/pages/scholarships--bursaries.html](http://siit.ca/pages/scholarships--bursaries.html)
- Southeast Regional College, [southeastcollege.org/students/scholarships-financial-aid](http://southeastcollege.org/students/scholarships-financial-aid)
- St. Peter's College, [stpeterscollege.ca/students/money.php](http://stpeterscollege.ca/students/money.php)
- University of Regina, [uregina.ca/safa](http://uregina.ca/safa)
- University of Saskatchewan, [students.usask.ca/money/scholarships.php](http://students.usask.ca/money/scholarships.php)

## Saskatchewan & Canada-wide

- AANDC Aboriginal Bursaries Search Tool, [aadnc-aandc.gc.ca/eng/1351687337141/1351687403171](http://aadnc-aandc.gc.ca/eng/1351687337141/1351687403171)
- Aboriginal Multi-media Society, [ammsa.com/community-access/scholarships/](http://ammsa.com/community-access/scholarships/)
- Affinity Credit Union, [affinitycu.ca/Community/Funding/ScholarshipsAwards](http://affinitycu.ca/Community/Funding/ScholarshipsAwards)
- Bank of Canada Scholarship & Work Placement Program, [bankofcanada.ca/careers/scholarships](http://bankofcanada.ca/careers/scholarships)
- Canadian Scholarship Trust Plan, [cst.org/en/about-cst/awards](http://cst.org/en/about-cst/awards)
- CIBC Student Scholarships, [cibc.com/ca/advice-centre/student-life/cibc-scholarships.html](http://cibc.com/ca/advice-centre/student-life/cibc-scholarships.html)
- DisabilityAwards.ca, [disabilityawards.ca](http://disabilityawards.ca)
- FCC Aboriginal Student Empowerment Fund, [fcc-fac.ca/en/in-your-community/giving-back/fcc-aboriginal-student-empowerment-fund.html](http://fcc-fac.ca/en/in-your-community/giving-back/fcc-aboriginal-student-empowerment-fund.html)
- Fund Your Future, [fundyourfuture.ca/scholarships](http://fundyourfuture.ca/scholarships)
- Indspire, [indspire.ca/for-students/bursaries-scholarships](http://indspire.ca/for-students/bursaries-scholarships)
- Keewatin Career Development Corporation, [career.kcdc.ca/index.php/funding](http://career.kcdc.ca/index.php/funding)
- Loran Scholars, [loranscholar.ca/becoming-a-scholar](http://loranscholar.ca/becoming-a-scholar)
- RBC Royal Bank Scholarships, [scholarships.rbc.com](http://scholarships.rbc.com)
- SaskatchewanScholarships.ca, [saskatchewan scholarships.ca](http://saskatchewan scholarships.ca)
- ScholarshipsCanada.com, [scholarshipscanada.com](http://scholarshipscanada.com)
- Schulich Leader Scholarships, [schulichleaders.com](http://schulichleaders.com)
- SGEU, [sgeu.org/member-resources/scholarships-bursaries](http://sgeu.org/member-resources/scholarships-bursaries)
- Terry Fox Humanitarian Award, [terryfoxawards.ca](http://terryfoxawards.ca)
- The Canadian Hospitality Foundation, [thechf.ca/scholarships](http://thechf.ca/scholarships)
- TD Scholarships for Community Leadership, [tdcanadatrust.com/products-services/banking/student-life/scholarship-for-community-leadership/index.jsp](http://tdcanadatrust.com/products-services/banking/student-life/scholarship-for-community-leadership/index.jsp)
- Universities Canada, [univcan.ca/programs-and-scholarships](http://univcan.ca/programs-and-scholarships)
- Yconic (formerly Student Awards), [yconic.com](http://yconic.com)
- Zonta International, [www.zonta.org](http://www.zonta.org)

## Looking to Apply to Schools Outside Saskatchewan?

Check out these websites to help streamline the application process if you're looking at colleges and universities in other Canadian provinces, the United States and United Kingdom.

- Apply Alberta Alberta Post-Secondary Application System, [applyalberta.ca/pub](http://applyalberta.ca/pub)
- BC Post-secondary Application Service, [applybc.ca](http://applybc.ca)
- Ontario Universities' Application Centre, [ouac.on.ca](http://ouac.on.ca)
- The Common Application (USA), [commonapp.org](http://commonapp.org)
- UCAS Universities & Colleges Admissions Service (UK), [ucas.com](http://ucas.com)

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# Riley BOUVIER

Helping build Indigenous business

Riley Bouvier grew up in the northern village of Ile-a-la-Crosse, a member of the English River First Nation. He wanted to live and work in the North after high school, so he investigated his options and chose an educational path. Then, when it came time to activate his career, he followed the opportunity.

**What is your job?**

I'm a project coordinator and HSE lead for STC Industrial Contracting. We're 100% owned by the Saskatoon Tribal Council and provide construction and maintenance services in the industrial sector. The main part of my job is managing construction projects. I had an opportunity to become the HSE lead, so I also make sure Occupational Health & Safety regulations are implemented on the job site. I recently wrote an exam to get my National Construction Safety Officer designation.

**Why this career?**

Construction projects are unique and present different challenges. Every day is something different. One day I can be estimating or managing projects in the head office, another day I can be onsite as the site supervisor or manager. There is also an opportunity to meet interesting people on every project.

**What's your training?**

I took a year of Arts & Sciences classes through Norpac, then settled on the Mine Engineering Technician diploma through Northlands College. I thought it would be a fit because I had done well in math and science in high school, and the mining industry is a major employer in the North. I've continued to challenge myself and take classes, and I'm in the process of completing my PMP designation.

**How was the transition to post-secondary?**

Culture shock was a big thing. I moved to La Ronge, which is in the North, but still a long way from family and friends. The other thing was not having role models for the kind of career I was looking at. In Ile-a-la-Crosse, the jobs are predominantly in health care, teaching and trades. Construction management is different, so there wasn't a lot of career guidance on that.



**How did you start your career?**

I applied to Cameco and AREVA, which both have sites in the North. They didn't have any openings at the time, but Cameco forwarded my resume to Points Athabasca. They offered me a position as a project coordinator. Today, I am working for STC Industrial Contracting.

**How was the transition to work?**

For me, the challenge was understanding my role. I hadn't been involved in project management before, but I had good mentors, so I asked a lot of questions. The company was very supportive and provided opportunities to take project management courses, which have been valuable.

**Most indispensable job skill?**

Don't be afraid to ask questions. There's always something new to learn — new machines, new equipment, new policies and procedures. One of my first supervisors was a man in his late 60s who was always keen to learn new things. He told me to never stop learning.

**Did you know?**

Approximately 6,000 workers are expected to retire from Saskatchewan's non-residential construction and maintenance workforce over the coming decade. And that mass exodus is making room for an estimated 7,500 new workers age 30 and under expected to enter the construction workforce. Are you one of them? Investigate apprenticeship opportunities in the construction trade at [saskapprenticeship.ca](http://saskapprenticeship.ca).

**Interested in Safety?**

Check out these links to safety training, programs and potential career opportunities in occupational safety.

- WorkSafe Saskatchewan: [worksafesask.ca/training/online-courses](http://worksafesask.ca/training/online-courses)
- Saskatchewan Safety Council: [sasksafety.org](http://sasksafety.org)
- Saskatchewan Construction Safety Association: [scsaonline.ca](http://scsaonline.ca)
- Saskatchewan Motor Safety Association: [motorsafety.ca](http://motorsafety.ca)
- Service & Hospitality Safety Association (SHSA): [servicehospitality.com](http://servicehospitality.com)
- Safety Association of Saskatchewan Manufacturers: [sasm.ca](http://sasm.ca)
- Canadian Agricultural Safety Association: [casa-acsa.ca](http://casa-acsa.ca)

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

I like meeting new people, learning new things, helping others achieve their goals. I've had apprentices successfully complete their journeyperson ticket while they were working for me — that's a great feeling.

**What's important to you in a job?**

It's important for me to have Indigenous role models. I can relate to Indigenous youth just starting out, especially when they're coming from small communities. It's also important to me that both Points Athabasca and STC Industrial are Indigenous-owned businesses. One of the things we're seeing now, compared to 10 years ago, is more Indigenous people in senior positions in the business, and not just entry level positions.

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

I'm enjoying the career path I'm on in project management and working with Indigenous companies.

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Saskatchewan Apprenticeship and Trade Certification Commission

## GET STARTED IN SKILLED TRADES

Enroll as an apprentice through the Saskatchewan Apprenticeship and Trade Certification Commission (SATCC), and start earning while you learn. The first step is to decide what skilled trade is best for you. Explore the Designated Trades options at [saskapprenticeship.ca](http://saskapprenticeship.ca).

Once you've decided on a trade, the next step is to find an employer. Try [saskjobs.ca](http://saskjobs.ca) as a starting point. Or, if you know where you might like to work, contact the employer and ask if they would consider hiring and training you as an apprentice. When you find an employer, you'll sign a contract of apprenticeship. This contract sets you up with the SATCC as an apprentice.

Once you have worked enough hours, you will be scheduled to attend technical training, usually for about 8 weeks. After you have completed the required levels of workplace and technical training for your trade, you can write your journeyperson exam. When you pass the journeyperson exam in a Red Seal trade, you receive your Red Seal Interprovincial certification. This allows you to work in your trade anywhere across Canada.

Learn more at [saskapprenticeship.ca](http://saskapprenticeship.ca), like us on Facebook (Sask Apprentice) or follow us on Twitter @SKApprentice.

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# Spotlight on IT

## Start a Career in Technology

By Katrina German, Innovation Saskatchewan

A career in technology is filled with exciting opportunities in a fast-paced environment. Whether you are founding a start-up or working for an established company, technology careers range from coding to marketing, client management to raising money for companies. The best part is, you can work in technology in any industry that interests you – technology is everywhere and the need for skilled people in this area is growing.

## Get an Education

The University of Saskatchewan, University of Regina and Saskatchewan Polytechnic have some of the best computer science departments in Canada. Many graduates are headhunted to exciting careers in San Francisco and New York, while the lucky developers get to stay right here in Saskatchewan.

## Start Networking

The people who work in technology companies in Saskatchewan are very accessible – and they are looking for new employees. If you have skills in marketing, coding or customer service, contact a local technology company to introduce yourself.

## Attend Hackathons & Tech Events

One of the best ways to meet other people in the technology world is to attend hackathons. Many hackathons and tech events are open to developers, marketers and people with big ideas. Sign up for Innovation Saskatchewan or Innovation Place newsletters to learn about upcoming events.

## Search for Incubators

Do you have an idea that you think can change the world? If you are interested in founding a technology company, there are many programs to help you test and grow your idea. Co.Labs is a technology incubator that offers mentorship, training and space to grow your idea. Learn more at [Co-Labs.ca](http://Co-Labs.ca).

## Choose Your Educational Path

Information technology (IT) is everywhere, so don't be surprised to find job opportunities for IT specialists everywhere. Check out the 2018 Job Chart to find IT focussed careers, then use the links below to explore certificate, diploma and degree educational paths. Saskatchewan regional colleges are a close-to-home option for some first and second year university classes, as well as certificate and diploma programs.

### University of Saskatchewan

The Department of Computer Science ([cs.usask.ca](http://cs.usask.ca)) offers 3 and 4-year Bachelor of Science programs.

- **Computer Science:** Traditional degree program provides a foundation for careers in software development and information technology.
- **Bioinformatics:** Interdisciplinary degree program combines courses in biology, biochemistry, math, statistics and computer science to analyze and understand the biochemical processes of life.
- **Interactive Systems Design:** Interdisciplinary degree program combines courses in art, art history, psychology and computer science for a strong foundation in the design and evaluation of interactive systems.

### University of Regina

The Department of Computer Science ([cs.uregina.ca](http://cs.uregina.ca)) offers several degree program options.

- **Computer Science:** A general program takes an average of 4 years to complete. Take the honours program to expand your knowledge in specific areas.
- **Software System Development:** Build knowledge and skills in large software systems. A good choice if you want to work in a large IT department or start your own software company.
- **Computer Science and Mathematics:** A combined major program provides a strong foundation for careers in academic, research and industrial R&D fields.

### Saskatchewan Polytechnic

Saskatchewan Polytechnic's School of Information and Communications Technology offers a variety of possible career paths ([saskpolytech.ca](http://saskpolytech.ca)).

- **Diploma:** Business Information Systems, Computer Systems Technology, Graphic Communications, Interactive Design and Technology, Library and Information Technology, Media Arts Production, New Media Communications
- **Certificate:** Computer Networking Technician, Media Arts Production, Telecommunications Networking Technician
- **Advanced Certificate:** Digital Graphic Design, Dynamic Web Development, Interactive Media Production
- **Applied Certificate:** Web Site Design and Development

### Saskatchewan Indian Institute of Technologies (SIIT)

SIIT ([siit.ca](http://siit.ca)) offers a two-year diploma in Computer Network Technology. The program focusses on network/desktop design, management and support. You'll graduate with a functional understanding of general computing technology in today's networked workplaces.

## Tech Events for High School Students

- **Game Jam** lets you create a game from scratch over one weekend. Learn about game development tools, socialize with fellow game enthusiasts, enjoy free lunch and attend talks given by industry professionals ([gamewithus.ca](http://gamewithus.ca)).
- **Digitized** is a one-day career conference at the University of Saskatchewan for high school students to explore opportunities in computer science and technology ([digitized.usask.ca](http://digitized.usask.ca)).
- **Ladies Learning Code** is part of Canada Learning Code, a national group empowering everyone to feel comfortable learning beginner-friendly technical skills ([canadalearningcode.ca](http://canadalearningcode.ca)).
- **SCI-FI Science Camps** inspire youth from across Saskatchewan through fun, hands-on science and technology programs at workshops, summer camps and Saturday science clubs ([scifi.usask.ca](http://scifi.usask.ca)).
- **Computer Science Early Start Program** lets Grade 11 and 12 students take a 3-week university level course at the University of Saskatchewan ([cs.usask.ca/community/advancement-program/index.php](http://cs.usask.ca/community/advancement-program/index.php)).
- **Spotlight on Careers** are hands-on sessions organized by the Saskatoon Industry-Education Council to give you a taste of careers in specific areas. Visit [saskatooniec.ca](http://saskatooniec.ca) for upcoming events.
- **Boot Camps** are short skill-development programs in web development, 3D printing with CAD and more ([saskatooniec.ca](http://saskatooniec.ca)).

## NOT READY TO LEAVE HOME FOR SCHOOL?

Starting a university or college program can be exciting, fun, mind-expanding, life-enhancing ... and scary. Some can't wait to get out on their own; others are happy at home for a few more years, thank you very much. You have choices. Post-secondary programs offer many online learning options. You can also stay close to home and enjoy the campus experience by enrolling in a trade, university or professional program at one of Saskatchewan's regional colleges.

- Carlton Trail College ([carltontrailcollege.com](http://carltontrailcollege.com)) in Humboldt, Southey, Watrous, Wynyard
- Northlands College ([trainnorth.ca](http://trainnorth.ca)) in La Ronge, Buffalo Narrows, Creighton
- Great Plains College ([greatplainscollege.ca](http://greatplainscollege.ca)) in Kindersley, Swift Current, Warman
- Lakeland College ([lakelandcollege.ca](http://lakelandcollege.ca)) in Lloydminster, AB
- Parkland College ([parklandcollege.sk.ca](http://parklandcollege.sk.ca)) in Canora, Esterhazy, Fort Qu'Appelle, Melville, Yorkton
- North West College ([northwestcollege.ca](http://northwestcollege.ca)) in North Battleford, Meadow Lake
- Southeast College ([southeastcollege.org](http://southeastcollege.org)) in Assiniboia, Estevan, Indian Head, Moosomin, Weyburn, Whitewood
- Cumberland College ([cumberlandcollege.sk.ca](http://cumberlandcollege.sk.ca)) in Nipawin, Melfort, Tisdale, Hudson Bay

## Have a cool tech career right here in Saskatchewan!



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saskpolytech.ca

# Robin MILLER

Connecting to her roots



“Looking back, I would really encourage learning about your heritage and culture. Be proud of where you’re from and who you’re from.”

In high school and later at university, Robin Miller never quite felt she ‘fit’, as if her mind and her heart weren’t connected. Despite this, she earned a degree in Human Ecology, completed a 9-month internship and returned to her home town to work as a dietitian. But the sense of not quite ‘fitting’ persisted – until she began to uncover her Indigenous roots.

**Where did you grow up?**

In Thompson, Manitoba. My parents moved there in the 1970s, and my dad started a business. I lived there until I finished high school, then I went away to the University of Manitoba in Winnipeg.

**Why university?**

I don’t remember making a conscious decision, it was just something I always knew I would do. My brother and I were both raised with the expectation that we would go to university.

**What did you take?**

General arts and science classes my first year. I didn’t have a lot of direction. At the end of the year, I had to decide if I wanted to continue at university or try something else. So, I met with a guidance counsellor to go through some options.

**Was the guidance counsellor helpful?**

Yes! I’d always been interested in health, but since I didn’t like the sight of blood, I didn’t think it was a career option. I had thought of physiotherapy, but it was really hard to get in. The counsellor suggested nutrition and becoming a dietitian. My mom has diabetes, so I was familiar with the link between nutrition and health, so it seemed a good option.

**How did you find university life?**

It was scary at first. I suddenly had a lot of freedom. That was really tough, because no one was checking up on me or making sure I was getting to class. There was more personal responsibility. I also had to learn how to study, because I’d always gotten by in high school without having to work too hard. Now I had to learn how to take notes and prepare for exams.

**Did you get a job right away?**

After I got my bachelor’s degree, I still had to do an internship in order to become a dietitian. I think it’s part of the schooling now, but when I went through, it was 9 more months of unpaid work. That was really rough. They tried to get you placements you wanted, but there weren’t enough spots for all the graduates, so I did my internship in Regina. By Christmas, I was ready to quit, but my family really encouraged me to stick it out. I thought, ‘okay, four more months, I can do four more months.’

**You toughed it out?**

I did! My first job as a dietitian was back home in Thompson working in diabetes education. I was really excited to go back home and see the community from a different perspective. I learned a LOT. That’s the great thing about working in smaller communities.

You’re given more responsibilities and you have more opportunities to learn things, because there aren’t as many people to share the workload. And I had great mentors at every level.

**Any challenges going from school to work?**

Kind of the same thing I felt in school. For me, the biggest challenge has always been isolation, feeling like I didn’t quite fit. I wasn’t identifying as Metis back then, because my family didn’t really talk about our Indigenous heritage. After I got married, I had my genealogy done and we traced our roots all the way back to Indigenous ancestors at York Factory. We also found ancestors who took Metis scrip in the Red River area.

**Has it made a difference?**

It’s made a lot of things real for me. I see now that my schooling and internship were very Western-based, which is why I felt like I didn’t fit. Now I know why. I’m more aware of the affects of colonization and the impact of reconciliation. Indigenous culture is a more holistic approach, so connecting to my roots helps me help my clients, because I provide more balanced, holistic care.

**What is your job today?**

I’m the Aboriginal Provincial Coordinator of the LiveWell with Chronic Conditions program in Saskatoon. I coordinate self-management programs for the Indigenous population, things people need to do to stay healthy so they can take care of themselves, their kids, their family and their community.

**Investigate Health Careers**

Dietitian is just one of many career options available in the growing health care field.

- Explore 4-year degree programs in health sciences, medicine, pharmacy, nutrition, kinesiology, nursing, physical therapy and health sciences at University of Regina ([uregina.ca](http://uregina.ca)) and University of Saskatchewan ([usask.ca](http://usask.ca)).
- Check out 1 and 2-year certificate and diploma programs in nursing, paramedicine, addictions counselling, continuing care, health technology, health information management, therapeutic recreation, health & community studies at Gabriel Dumont Institute ([gdins.org](http://gdins.org)), SIIT ([siit.ca](http://siit.ca)) and Saskatchewan Polytechnic ([saskpolytech.ca](http://saskpolytech.ca)).

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# Money, Money, Money

## Tips on Saving, Spending and Credit

Whether you've taken a financial literacy course at school or been home-schooled in money by your parents, there's a lot to know about money—how to make it, save it, spend it and more. Check out these choice tips on managing your money.

### Little Changes Add Up

The Canadian Foundation for Economic Education ([cfee.org](http://cfee.org)) website is stuffed with economic literacy info. The “Increase Your Savings” article on the Resources page is especially helpful. It includes a link to an online calculator that lets you see how making small changes in weekly spending can add up to big savings.

For example, say you buy a bottled water every day. The calculator shows how much money you could save over the year if you bought 2 less bottled waters a week (at \$2 per purchase, about \$208). If you have a savings goal, add in other things you buy regularly, but that you could buy less of, like music, apps, games, movies. Don't be mean to yourself, just explore what happens if you trim back.

It's a fun mental exercise, but now you need to physically put that saved money aside. Use a piggy bank or a jar, and put a toonie in for every bottled water you don't buy. Or, talk to your bank or credit union about automatically transferring the amount you save by not buying those 8 bottled waters every month (about \$16) into a separate savings account.

### Thinking About Your Thinking

Another good tip is to take a minute or so to think about a choice you are making and why you are making it. CFE calls it “thinking about your thinking.” For example, are you buying that new sweater because you like it, because you think it will make you happy, because it's what your friends do, or because it's part of who you are?

Knowing why you're buying something can sometimes help you not buy it. That's because you're more likely to consider what you're giving up if you buy the sweater. This is called the “opportunity cost.” What opportunity are you not going to have by choosing instead to buy the sweater? there's no right or wrong answer here, it's just about awareness.

### Protect Your Money ... from Yourself

MyMoneyCoach.ca is another great site. It's a free public service offered by the non-profit Credit Counselling Society, and it has got some interesting tips on saving money. For example, say you have a bad day at school and you want an emotional boost. In our world, that often means buying something. Try one of these tips to protect your cash from spur-of-the-moment emotional spending.

**Protect Your Money Tip 1:** Set up 2 bank accounts — one savings, one chequing. Deposit paycheques or other money into your savings account. Whatever money

comes your way, put it in the savings account. Then, every week or two weeks, transfer a specific amount (not the whole amount) into your chequing account. This is your weekly paycheque or allowance. All your expenses (phone, clothes, food, movies, bus pass, gas, etc.) come out of this account. When your chequing account is at zero, you've used up your paycheque/allowance.

**Protect Your Money Tip 2:** There are a couple of ways to protect your savings account from dipping. If you use a bank debit card, consider not having access to your savings account. If you use a mobile banking app on your phone, lower your daily withdrawal limits. Debit cards and mobile banking make withdrawing money so easy, too easy. Use the same technology to make it a bit harder.

### Saving Money Gives You More Freedom

When you're in high school, it's tough to feel engaged with ads telling you to save money, when most of those ads focus on saving for a house, a family or even retirement. It's true you have to save for all those things, but when you're 16 or 20, maybe focus more on saving money because you want the freedom to do something or go somewhere.

**Saving Money Tip 1:** Have a goal, big or small. Maybe you're saving up for a designer purse or your first truck, maybe you want to go backpacking in Thailand or skiing in Jasper. Whatever. MyMoneyCoach.ca suggests putting a picture of your goal somewhere you'll see it often. Stick a photo on the back of your phone, tablet or laptop. Or put a little sticker that reminds you of your goal on your debit or credit card. When temptation strikes (and it will), you'll have a visual reminder of why you're working so hard to save money, which just might be the nudge you need to NOT push “buy now.”

**Saving Money Tip 2:** Leave home without it—yup, ignore the ads and leave your plastic at home. Don't take your debit and credit card when you're out with friends. Just take the cash you want to spend.

**Saving Money Tip 3:** Getting a credit card is exciting, it really is. Just remember that credit is not free money. It's not extra income. It's money you have to pay back, with interest. The more credit you use, the less spending money you have. When you use your credit card, try to pay off the balance every month. If you can't, give yourself a set timeframe to pay it off and don't use it again until you're at a zero balance.

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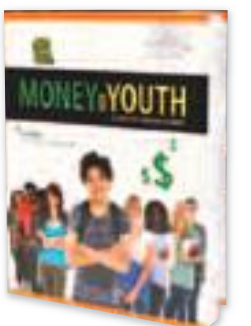
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# Bryan McCREA

The view 7 years on



When we first interviewed Bryan McCrea in 2011, he was a 23-year-old university grad just starting his career as co-founder of 3twenty Modular. The start-up company had won Dragons’ Den funding to convert shipping containers into mine site accommodations and office structures. [We checked in to get his perspective on the entrepreneurial life since then.](#)

#### Where are you today?

Still co-founder of the same company. Although we still use containers for our resource-based customers, over 80% of what we build is a steel-wood hybrid modular system we have developed.

#### Why the change in direction?

We had great growth in the resource sector in our first few years, and then oil hit \$40 a barrel. We knew we had to enter new markets in order to survive. We

took a chance on a public tender for school portable classrooms, and won a portion of the contract. We developed an innovative steel-wood hybrid design that allows us to build large pre-fab structures for commercial and institutional markets. The school division we first worked with was thrilled with our quality, price and process. This project’s success led to great reviews in the education sector, and now we’re Saskatchewan’s largest manufacturer of portable school classrooms.

#### Tips on surviving the early years?

You can business plan and goal set until you’re blue in the face. My advice is get to market and commercialize your product as quickly as possible. This will allow you to generate cash flow while also improving your product in a real environment. In a lot of ways, our first customers actually financed our company’s startup.

#### How do you handle mistakes?

It helps to have a strong business partnership. Evan Willoughby and I have been partners since the beginning, and that’s helped the company ride the ups and downs. In a good partnership, you celebrate successes and learn from failures, but you don’t dwell on them.

#### What makes a good partnership?

First, think long and hard about becoming a partner. You need to ensure partners all have the same values and goals for the company. Then, understand each other’s strengths. Have each partner fulfill a specific role. I deal with sales and financial responsibilities, Evan deals with design and operations. I don’t second guess what he’s doing, and vice versa. We trust each other to do our job – you need 100% trust in the partnership.

#### What’s it like being an employer?

A bit strange! We started as a couple of guys with an idea. Now we have about 30 employees. We’ve hired fantastic people, and built a great team. Surrounding ourselves with good people who can deliver on projects has been absolutely imperative to our success.

#### Name 3 indispensable skills.

The ability to innovate, that’s been one of the most important things for us, because it separates us from the competition. Good communication skills and the ability to network have also really helped us grow our business and manage our relationships.

#### Tips on building connections?

My first tip is, get out there. Go out to every business-related event you can. Get involved in business associations. I got involved early with the NSBA – Saskatoon’s Business Association, and have built an extraordinary network through them. My second tip is, follow up. Once you’ve made a connection, follow up by giving that person a call or asking for a meeting. Ask them for advice, learn their story and most importantly, learn from their mistakes.

#### Any advice for would-be entrepreneurs?

There’s no better time to be an entrepreneur than when you’re young. There’s no other time in your life when you have less to lose. When I started, I still lived in my parents’ basement. If I failed, it just wasn’t as big a deal as it would be now, when I have a house and a family and other obligations. That doesn’t mean I wouldn’t do it now that I’m 30, just that it would be tougher.

**“Entrepreneurs can’t be perfectionists. Don’t overthink your business or idea – jump in and do it.”**

#### Post-Secondary Paths to Business

- Saskatchewan Polytechnic ([saskpolytech.ca](http://saskpolytech.ca)) School of Business offers diploma, certificate, post-graduate certificate and continuing education courses rooted in real-world learning experiences.
- Saskatchewan Indian Institute of Technologies ([siit.ca](http://siit.ca)) Business program offers two-year diploma and one-year certificate program options, as well as transfer credits to degree programs.
- University of Regina ([uregina.ca](http://uregina.ca)) Faculty of Business Administration offers undergraduate programs in Paul J. Hill School of Business and master’s programs in Kenneth Levene Graduate School of Business.
- University of Saskatchewan ([usask.ca](http://usask.ca)) Edwards School of Business offers Business Administration Certificate, Bachelor of Commerce and master’s level programs.

# Deb DAVIES

Taming negative self-talk

It takes strength and determination to challenge negative self-talk. In her youth, Deb Davies wasn’t sure she had either. That is, until her dad, a 38-year veteran of the Saskatoon Fire Department, called to tell her the department had just hired its first female firefighter. **A door was opening ... and Deb decided to walk through.**

#### Did you jump at the chance to be a firefighter?

My dad thought it was a perfect fit, and I was intrigued but also a bit intimidated. What if I didn’t like it? What if I failed the test? Well, I did try out ... and failed the cardio. I was so disappointed. The next year, I came back armed with passion and determination. This time I passed.

#### Did you grow up wanting to be a firefighter?

In high school, I was totally focussed on basketball. I wasn’t a good student. I had attention deficit disorder (ADD), and I struggled to focus. But I was really good at basketball. I even played basketball at university.

#### What impact did ADD have on you?

Huge. I had wonderful, supportive parents and great coaches, but I still grew up thinking I wasn’t smart. I bombed out at university, which just entrenched my self-talk. When I passed the firefighter test, I knew I would have to get through the training program. On the first day, we were all given this big, thick textbook. I went home and had a complete anxiety attack. I thought, ‘I’m hooped. I can’t do it. I’m letting my dad down, I’m letting the department down, it’s too much.’

#### How did you get through?

There’s a saying, ‘How do you eat an elephant? One bite at a time.’ That’s how I got through. I had a lot of support, so I took school one day at a time. I stayed on top of the assignments. My goal during exams was to pass with a score somewhere in the middle. It’s funny, but I did exactly that – I always landed somewhere in the middle, right where my self talk took me.



#### Did your focus improve?

One of the best things I learned about myself was that when I’m doing something that interests me, I have no problem focussing. Being a firefighter had become a passion, and that made it easier to focus and learn. I loved the training. Several years later, I took the Primary Care Paramedic course – and loved it. I didn’t realize until later that I had graduated with honours. That’s when a little light went on in my brain, ‘hey, I’m actually smart.’

**“When opportunity presents itself, get out of your head and give it a try.”**

#### How did that make you feel?

Happy, but sad for young Debbie, who grew up thinking she was dumb when she wasn’t. I was also grateful, because it’s something I can pass along to my own daughter and other young women in terms of building confidence and self-esteem.

#### Did you often struggle with stereotypes?

When I first became a firefighter there were still some who thought women didn’t belong, and I think I bought into that a bit at first. Then a couple of guys got me to try out for the firefighter’s combat challenge team. At first I said no, but the guys were so supportive and encouraging. I nailed the try out, and we became a team of 5 guys and 1 girl. I eventually placed first in Canada and second at worlds.

#### Was there a lesson in that?

Absolutely! I wasn’t going to try, but because I said ‘yes’, I got so much back – great experiences, new friendships, more confidence.

#### Any advice for students?

My biggest message for kids, especially girls, is to build your confidence. Confidence is free. It’s all about what you tell yourself – your self-talk. You control that. Ultimately, that’s what will help you open doors and feel better about yourself.

#### Investigate Firefighting

Firefighters work for local, provincial and federal governments, as well as in the private sector on industrial or mine sites. Volunteer firefighters make up the majority of firefighters in rural and remote areas. If you want to be a firefighter in a larger city like Saskatoon or Regina, you’ll first have to take training that meets International Fire Service Accreditation Congress (IFSAC) standards. Right now, the closest IFSAC training is available at:

- Parkland College ([parklandcollege.sk.ca](http://parklandcollege.sk.ca)) offers the 12-week NFPA 1001 – Professional Firefighter Qualifications course in cooperation with Lakeland College.
- Lakeland College Emergency Training Centre ([emergency-training.ca](http://emergency-training.ca)) in Vermillion, Alberta offers a 12-week course in NFPA 1001 – Professional Firefighter Qualifications as well as a 10-month Emergency Services Technology program.
- Manitoba Emergency Services College ([firecomm.gov.mb.ca/mesc](http://firecomm.gov.mb.ca/mesc)) in Brandon offers various levels of firefighter, paramedic and emergency services training, including NFPA 1001 – Professional Firefighter Qualifications.

# Logan BROWN

Changing career tracks

Like many young professionals today, Logan Brown is already on his second career. He jumped into the workforce early, landing a job in hotel management just two years out of high school. After a few years, he got restless and began investigating other options. *That's when he changed career tracks and went back to school to get an education in computer systems technology.*

**Why the career change?**  
I had taken the Hotel and Restaurant Administration program at Saskatchewan Polytechnic right out of high school, then worked in a management role at a hotel in the city. It was fun, but after 3 or 4 years, I felt like I needed a new challenge.

**What made you choose IT?**  
I met with a career counsellor at Saskatchewan Polytechnic. She asked me a lot of questions and helped guide me to my interests. I was shown various programs, different fields I could work in, how long the programs were, what commitment they involved. It was all very helpful. I chose the Computer Systems Technology diploma over a university degree because it was two years instead of four.

**Did you have a tech background?**  
I've always been interested in technology, but no, I didn't know anything about computer systems. I wasn't a computer guy as a kid and didn't have any computer background, not even self-taught. That made the learning curve really steep. It's not that I couldn't learn to become a programmer, it was just a lot more work because I started from scratch.

**What was the biggest challenge?**  
Going from a steady paycheck to no paycheck was a big challenge. It was also a challenge personally, because it's a demanding course. When you enrol, they tell you to kiss your girlfriend or boyfriend goodbye, because you're going to be working all day, every day for two years. That was basically true.



**“The soft skills I learned in hospitality management, especially the people skills, have completely set me apart in the IT world.”**

**Any survival tips?**  
I had a mission mindset – diploma in two years. I knew graduates of the program had no trouble getting a job, and that enabled me to commit to a routine and just grind it out. Having a routine was a big thing for me. I had the same lunch for two years because it was one less thing to think about. And I went to the gym regularly, which helped me keep my sanity.

**How did you start your career?**  
I didn't start looking until after I wrote my last exam. Until then, the only thing on my mind was passing. After I finished, I went to jobsites and started applying for various entry level jobs. I got several interviews and then got a position as an analyst with ESTI Consulting Services.

**Any tips on ‘acing the interview’?**  
In the interviews I had, I was surprised to find several people involved: an HR person would ask basic questions, then there would be 1 or 2 tech people drilling me with tech questions. It was quite intimidating. Do your homework on the company and the position, and study up on definitions and terms so you can have a conversation around that.

**What's your job today?**  
I moved up to Senior Analyst with ESTI in April. I work primarily on the software side of things, writing code. I've also had the opportunity to start leading my own projects.

**What's your key skill?**  
Leadership, I think that's the most important, because in the absence of leadership there's chaos. Leadership is about leading yourself, leading your team and taking ownership of your work, good and bad. You can learn leadership through experience, books and courses, but I think the most important thing is to have a solid role model or mentor. I've been lucky to have good mentors.

**What do you like the most about your job?**  
I get to work with a lot of experts. They know so much more than I do, and I enjoy the constant learning.

**Where do you see yourself in 10 years?**  
I see myself in a leadership role, managing a team and working on significant projects. Eventually, I'd like to be involved on projects that make a difference in the world, like clean energy. I recently launched a personal project that lists scuba diving sites around the world, [thesclubadirectory.com](http://thesclubadirectory.com), so I want to see where that goes.

**Worried About Making the Right Choice?**  
It's a lot of pressure, thinking you've got to make the right career choice right now. Truth is, career decisions are not final – you'll likely try several jobs before you settle on something that fits. And what “fits” will change as you change. But don't let the possibility of switching careers later paralyze you now. Follow your current interests, choose an educational path and move towards your future. The knowledge and skills you acquire will be useful whatever you do and wherever you go in life.



*Have you ever thought, I want a bigger say in decisions that impact my school, my community, my country, my world? Getting involved in student government is a great place to start. You'll learn what it takes to make decisions for the “public good” ... and have a great experience to put on your resume.*

**University of Regina Students' Union (URSU)** provides a variety of support services to improve the student experience, whether it's coordinating social events or creating social enlightenment, working with government to ensure access to affordable education or supporting student centres such as the UR Pride Centre for Sexual and Gender Diversity and Women's Centre. [ursu.ca](http://ursu.ca)

**University of Saskatchewan Students' Union (USSU)** is the representative body for undergraduate, extension and certificate students. The USSU delivers a wide variety of services, including the U-Pass (bus pass), Health and Dental, Fresh Market, Women's Centre, Pride Centre, Help Centre, Food Centre, Studentcrew and Safewalk, Welcome Week and more. [ussu.ca](http://ussu.ca)

**Saskatchewan Polytechnic Students' Association (SPSA)** represents the interests of students by taking a holistic approach to enhancing the educational experience. The SPSA provides programs and services in an atmosphere of unified, accountable leadership and a culture of acceptance, inclusion and tolerance. [spsa.ca](http://spsa.ca)

**Saskatchewan Indian Institute of Technologies Student Association (SA)** is about decision making by and for students. Get involved on the Student Leadership Council and contribute to how things happen. Learn more at [siit.ca/pages/student-leadership-council.html](http://siit.ca/pages/student-leadership-council.html)

**2018-2019 FULL TIME PROGRAMS**

PROGRAM	LOCATION(S)
4th Class Power Engineering	Estevan; Coronach/Poplar River Power Station
Continuing Care Assistant	Weyburn; Whitewood; Carry the Kettle First Nation
Hairstylist	Weyburn
Electrician	Estevan; Moosomin
Primary Care Paramedic (Part Time)	Redvers
Heavy Equipment and Truck and Transport Technician	Estevan
Welding	Estevan
Industrial Mechanic	Estevan
Office Administration	Weyburn
Practical Nursing	Weyburn

\*Programs and locations subject to change

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# FOCUS ON SAFETY

Every year, 4,500 young people under the age of 25 are injured at work in Saskatchewan. Some of the injuries are not life-altering – stitches, burns or a broken bone. These will all cause pain and get in the way of doing things you enjoy, whether in the short term or the long term. But some injuries ARE life-altering. A head injury can cause brain damage. In a fall, you could suffer permanent paralysis, or you could be injured so badly, you die.

Nobody should die at work, ever. Yet every year, the statistics say that 4 young people in this province do. Die. At work. C'mon, work is what you do to make money to have a great life – school, clothes, travel, experiences. Nobody should die at work.

We've gone right to the source to find what you need to know about workplace safety. It's called WorkSafe Saskatchewan ([worksafesask.ca](http://worksafesask.ca)), and it has an entire website devoted to providing information, tips, contests, programs and services on workplace safety.

## Young Workers Have Rights

- You have a right to know the hazards at work and what to do to prevent injuries from those hazards.
- You have a right to participate in health and safety activities in your workplace.
- You have a right to refuse work that you believe to be unusually dangerous to yourself or others.

## ... And Responsibilities

- If you're under 16, you have to complete the online Young Worker Readiness Certificate Course and provide a copy of your certificate to your employer.
- You have a responsibility to work safely. Use machinery and equipment in the way you were trained.
- You have a responsibility to report unsafe activities and conditions to your supervisor. Ask questions if you're unsure how to do something safely.
- You have a responsibility to properly use/wear protective equipment. Never remove a guard or device that's there to protect you.

- Wear the safety clothing you are asked to wear: safety glasses, gloves, hardhat, etc. If you think you need protective clothing and you don't have it – ask.

## Employers Also Have Responsibilities

- Providing a safe and healthy workplace.
- Training you on potential hazards and ensuring you have the required certification.
- Correcting unsafe actions and conditions, for yourself and others.
- Making sure protective equipment is available and being used.
- Reporting and investigating all injuries and safety incidents.

## Under 16? You'll Need a YWRCC

The Young Worker Readiness Certificate Course (YWRCC) is an online worker preparation course. If you're 14 or 15 years old and want to find a part-time job, all potential employers will ask to see your YWRCC completion certificate.

## Did you know that at ages 14 and 15, you cannot work:

- More than 16 hours a week while school is in session.
- After 10 p.m. on a day before school.
- Before classes start on any school day.

You can work regular, longer hours during school breaks such as Christmas, Easter and during summer vacation. To take the YWRCC test online, visit [saskatchewan.ca/ywrcc](http://saskatchewan.ca/ywrcc).

## Look for Youth Workshops, Training

Look for practical safety training and general education events through your school. The Saskatoon Industry-Education Council and Regina District Industry Education Council both partner with workplace safety associations in construction, tourism, healthcare and other sectors to offer programs for youth. Look for posters around school or go directly to the source: [saskatooniecc.ca](http://saskatooniecc.ca) or [rdiec.ca](http://rdiec.ca).

# Have Your Say on Safety and Win \$1,000!



It's hard for adults to know how young people really think about workplace safety – we're not in that head space anymore. You are. So, how would you get your friends and classmates thinking about safety? Act on your idea – make a video!

The 2018 WorkSafe Saskatchewan Youth Video Contest is open to all Saskatchewan high school students. Create a 2-minute video about workplace health and safety, using the theme 'Focus on Safety.' First place is a \$1,000 cash prize for your team and \$1,500 for your school. Get contest rules & regulations at [worksafesask.ca/youth/teachers/youth-video](http://worksafesask.ca/youth/teachers/youth-video).

## Contest closes March 29, 2018

Subscribe to WorkSafe's YouTube channel to view winning videos from past years. And share the contest on social media with #Focusonsafety. If you have any questions, email [askwcb@wcbask.com](mailto:askwcb@wcbask.com).

**Psst.** Just a final note, when making your Focus on Safety video, make sure you pay attention to the safety of your team, crew and anyone involved in the production of the video.

## You have the right to:

- 1 KNOW** the hazards at work & how to protect yourself.
- 2 PARTICIPATE** in health & safety activities at your work.
- 3 REFUSE** work which you believe is unusually dangerous.

To report dangerous work in progress, call Occupational Health & Safety at **1.800.567.7233**

**QUESTIONS** about work fairness, work hours, breaks or pay? Call Employment Standards **1.800.667.1783**

[www.saskatchewan.ca/business/employment-standards](http://www.saskatchewan.ca/business/employment-standards)



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feeling.”

– Brandon Roy, Mental Health & Wellness, Year 2 student



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