

Connecting Schools, Youth and Industry through the Saskatoon Industry-Education Council:

Career Development and Exploration Programming
And SaskCareers Development

Mission Statement:

Our vision of the Saskatoon Industry Education Council is to create a community of SHARED RESPONSIBILTY, preparing youth for quality careers.



PARTNERS

- *3 school divisions (Saskatoon Public Schools, Greater Saskatoon Catholic Schools, Prairie Spirit School Division)
- *Saskatoon Tribal Council K 12 Schools and Active Measures Program
- *Community-based organizations
- *Post-secondary institutions
- *Provincial and federal government
- *Industry associations
- *Local business and employers



Organizational Structure - 2013/2014

Board of Directors - Chair: Bruce Bradshaw, Saskatoon Public Schools

Duties: responsible for setting the strategic direction of the SIEC

Composition: twenty-two (22) directors representing education, industry, and organizations/associations and two (4) members at large

Executive Committee

Duties: oversees the duties of the Executive Director, provides long range planning of the SIEC's activities & projects and supervises the financial activities of the SIEC

Composition: five (5) directors with at least two (2) members representing industry, associations and government and at least two (2) members representing education

Operations Committee

Duties: responsible for the execution of SIEC programs in the three school divisions and community based organizations.

Composition: representation from the three school divisions, community based organizations and provincial and federal government departments.

Executive Director - Janet Uchacz-Hart

Duties: responsible for the successful leadership and management of the Saskatoon Industry-Education Council according to the strategic direction set by the Board of Directors.

Program Coordinator Dorothy Van't Hof

Duties: oversees the planning, implementation, and evaluating SIEC projects and programs.

Event/Project Coordinator Amy Dugan

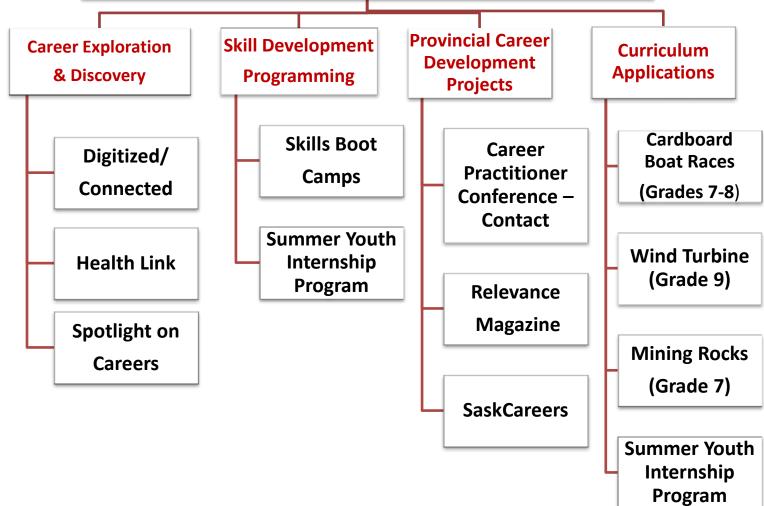
Duties: to assist the SIEC Executive Director and Projects Coordinator on facilitating events and programs.

Industry Liaison Megan Unrau

Duties: works with the school division on additional safety training and the development of skills boot camps. Other duties include working with employers on the futurepaths employer directory and other events including Spotlight on Careers and the Summer Youth Internship Program.

In 2012-2013 the SIEC worked with over **7,000** Youth, **800** Teachers/Career Practitioners, **280** Industry Representatives, **32** Programs & Events. On the strength of this community, the SIEC has become *the* conduit between students and industry in helping youth navigate through their career journey!









Cardboard Boat Race Challenge

This project assists grade 7/8 teachers in teaching structure and design, science and math in a meaningful way. After receiving instruction through a 12 lessons (Science, Math and PPA curriculum), students build a boat out of cardboard, duct tape, and other specific materials; they then race their finished product! SIEC worked with over 2,280 students in 2014.







This one day event will focus on participants exploring all the different opportunities in the Saskatoon Health Region through workshops and hands-on activities. This is a partnership between the SIEC and the SHR. This is open to students in grades 10 and 11.

330 Students attended in 2014.









One day conference open to Grades 11 and 12s that highlights career information regarding careers in the IT sector.

Activities include hands on training, seminars, and workshops.

Digitized is run as a partnership with the U of S computer science department

350 students attended in 2014



A one day conference focusing on social networking and imaging open only to girls in grades 10 and 11.

Students participate in interactive workshops and listen to female speakers who are already successful within the industry.

Partnership with the U of S computer science department

40 students attended in 2013



21 Spotlights spread throughout the school year where youth, primarily in grades 11 and 12, experience both industry and educational opportunities in a field that is of interest to them. Youth visit various job sites and post-secondary institutions, giving them a glimpse into requirements in specific careers. They also engage in some hands on activities and listen to guest speakers who talk about their own career journey. Over 75 careers are highlighted. 900+ students attended spotlights in 2014.

- Media & Technology
- Aviation
- Nursing
- Therapies
- Pharmacy Technology & Nutrition
- Prep Cook & Hotel/Restaurant
 Administration
- Entrepreneurship & Business
- Emergency Services
- Health Science and Technology
- Medical Diagnostics

- Mining
- Computer Science & Technology
- Automotive Service Technology
- Engineering
- Mental Health
- Chemical Technology
- Bio Science
- Veterinary Technology & Medicine
- Construction/Manufacturing
- Primary Care/Paramedic Program
- Esthetics





Youth engage in boot camps that enable the participants to learn theoretical and practical skills that may be applied to a number of different careers.

2013-2014

- Construction Skills Boot Camp (Saskatoon, One Arrow First Nation, Duck Lake)
- Culinary Skills Boot Camp
 (Saskatoon, Martensville, Yellow Quill First Nations)
- Automotive Skills Boot Camp (Saskatoon)
- CERVUS Agricultural Machine
 Technician Boot Camp (Saskatoon with John Deere)

PLUS NEW 2014-2015

- Heavy Duty Mechanic (Saskatoon with Frontier Peterbelt)
- Information Communication Technology (TBA)

Program Sequencing Example:



CONSTRUCTION SKILLS BOOT CAMP





- * Safety Construction Orientation Training
- Online safety modules developed by the SCSA
- 3-6 hour duration
- 1 year 5 year expiration





- SCSA certification
 - On-site hazard recognition and awareness
 - Full day class
 - No expiration



SIEC Construction Skills Boot Camp

- * Hands-on construction project
 - 50 hours build time (Garden Shed/Playhouse)
 - Theoretical and technical skill acquisition





Spotlight on Careers in Construction

- * Career exploration in Construction
 - Learn about various careers in the Construction Industry
 - Meet industry professionals and hear about their career



Saskatchewan Youth Apprenticeship

- Apprenticeship training
 - gain 300 hours towards any apprenticeship
 - first level of technical training paid for (up to \$290)
 - waiver of registration free





- * 6 week internship program
 - Interview for a job in a career you're interested in
 - Receive industry wages over the 6 week summer period
 - Complete the Sask, Youth Apprenticeship modules
 - Option to earn up to two high school credits





Grade 11 and 12 students interested in a career primarily in the trades participate in a 6-week paid internship over the summer months. Staff includes: job coaches and teacher to facilitate credit program.

Participating students can receive (based on their placement):

- Two or more high school credits (Apprenticeship 20A, 20B, 30A, 30B)
 1 credit per 100 hours
- Assistance in completing the Saskatchewan Youth Apprenticeship Program.
- All safety training needed: Saskatchewan Construction Orientation Training,
 Fall Protection Awareness Training, Food Safe

2013 SYIP program had over 90 youth and 59 companies involved!

2014 already as 77 companies with the opportunity for 120 youth engaged in the workforce.



70,000 copies to schools (provincial and First Nations communities, postsecondary, community based organizations, etc. On a yearly basis. Online version is www.relevancemag.ca

	Trades, Transport and Equipment Operation						
7315	Aircraft Mechanics and Aircraft Inspectors	305	Your job will be to repair and inspect all types of aircraft and avionic systems.	\$64,400	SATCC, SIIT	① %	拉拉
7321	Automotive Service Technicians, Truck Transport and Mechanics	4,500	In your career you will service and repair automobiles, light trucks and buses. Diagnostic, computer, and mechanical skills will be used.	\$53,700	Lakeland College, North West Regional College, Parkland College, SIAST	**	क्षेत्रक
7262	Boilermakers	85	Boilermakers make and assemble dust, gas, steam, oil, water or other liquid-tight containers, structures and equipment.	\$90,500	SATCC	**	क्षेत्रके
7281	Bricklayers	500	You will lay concrete block, brick, pre-cut stone to either construct or repair structures.	\$57,600	SIAST	*	क्षेत्रे
7412	Bus Drivers and Subway and Other Transit Operators	3,030	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.	\$44,300	Carlton Trail College, Cumberland College, Great Plains College, Lakeland College, Northlands College, Parkland College	1	会会
7272	Cabinetmakers	505	Your job will be to construct, repair, and finish and install cabinets, furniture, fixtures and related products.	\$36,700	Cumberland College, SATCC	**	公公
7271	Carpenters	6,330	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.	\$45,900	Carlton Trail College, Cumberland College, Lakeland College, Parkland College, Northlands College, Sask Carpenter Joint Training Committee, SIAST, SIIT	**	क्षेत्र
7311	Construction Millwrights and Industrial Mechanics (Except Textile)	2,381	In this career you will install, maintain and repair machinery in factories, mines and production facilities.	\$79,600	Carlton Trail College, Cumberland College, Northlands College, Parkland College, SIAST	**	क्रेक्क
7611	Construction Trades Helpers and Labourers	5,495	Construction trades helpers and labourers assist skilled tradespersons and perform labouring activities at construction sites, in quarries and in surface mines.	\$40,500	Parkland College, SIAST	**	thetele
7371	Crane Operators	565	You will operate many types of hoisting equipment to move, place and position items.	\$85,300	Carlton Trail College, Great Plains College, Parkland College, Western Trade Training Institute	**	संसंस
7414	Delivery and Courier Service Drivers	2,350	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	\$36,100	Carlton Trail College, Cumberland College, Great Plains College, Lakeland College, Parkland College,	1	क्षेत्र

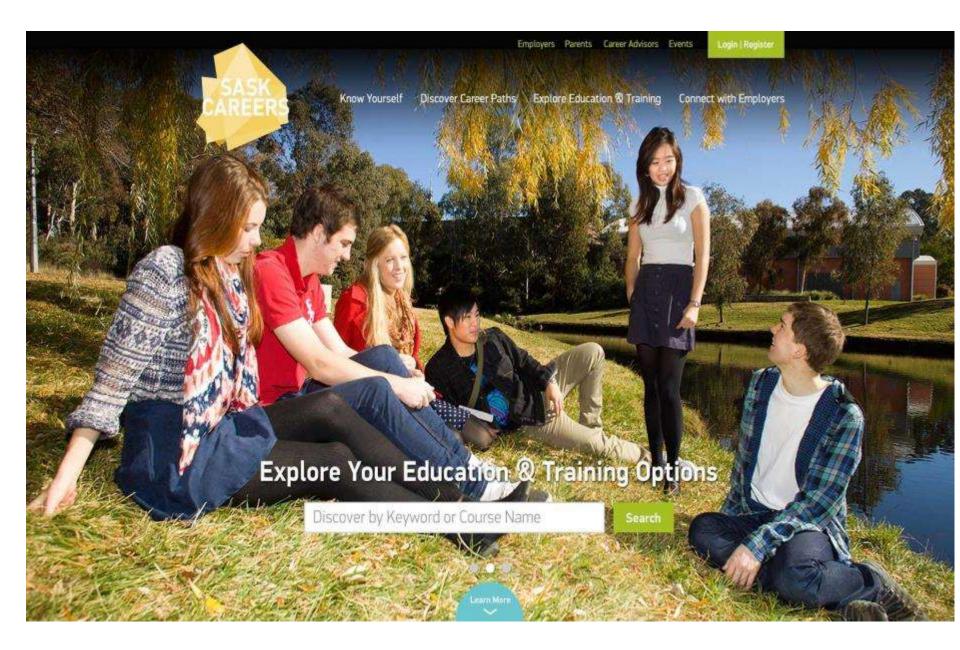


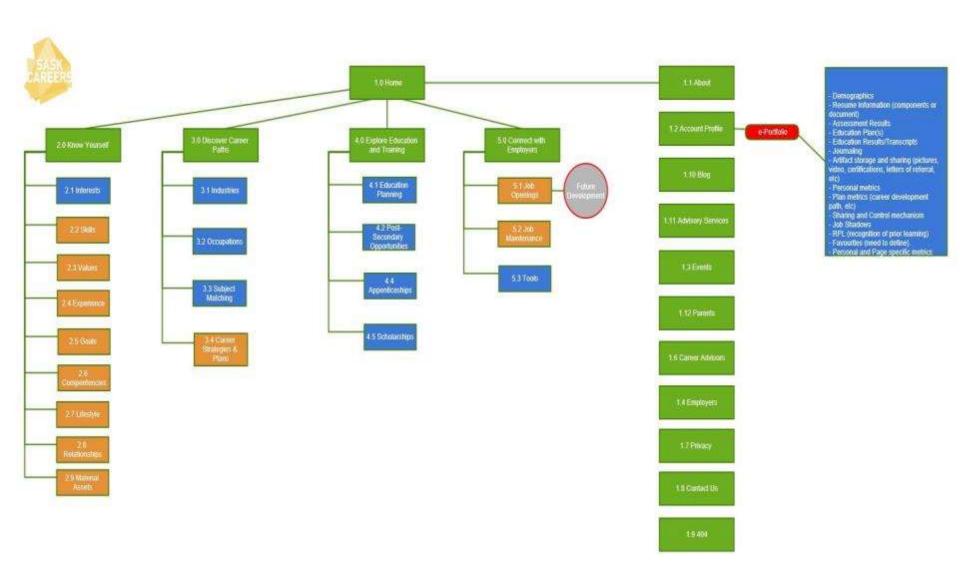
SASKCAREERS is a one stop integrated site that would look after all their career planning needs for all Saskatchewan citizens from kindergarten until retirement.

- **✓** Saskatchewan Labour Market information for sixteen industry sectors
- ✓ Career planning tools including assessments
- ✓ Access to a high school planner, occupational and post-secondary planner
- **✓** Responsive e-portfolio usage for every student in the province
- ✓ Employer information in your region
- ✓ Ability for education-industry partnerships to work collaboratively on opportunities in specific regions through events
- ✓ Access to resources for educators, career practitioners and parents

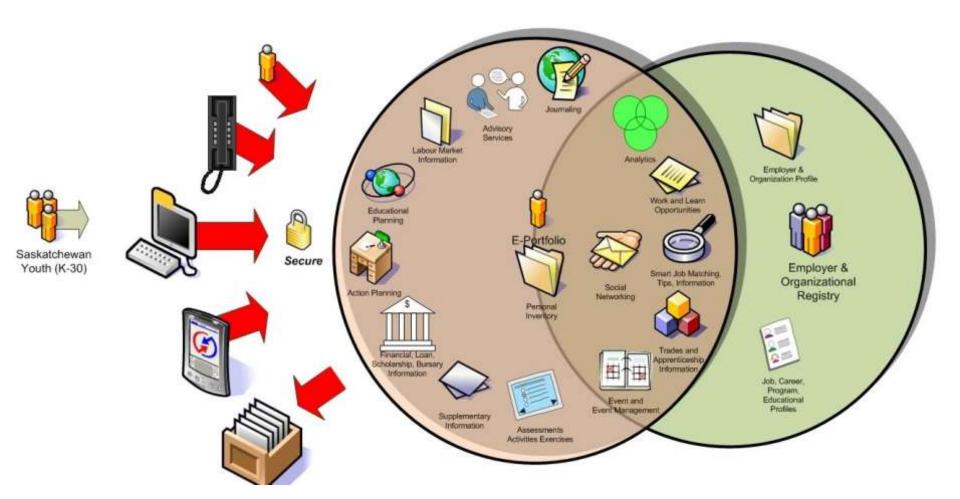
Phase I – focus on youth from 13-29.

Managed by the SIEC and owned by all stakeholders in the province of Saskatchewan!





Service Architecture – Public and Secure



Assessments

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Your Progress Overall — You've completed 1 assessment 33%

What We've Learned About You

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Explorations







Explorations

Designing the costumes for a play or a dance recital	Select
Calculating the cost of borrowing money	Select
Helping others to understand how exercise affects their health	Select
Researching an assignment on the impact of pesticides	Select
Learning the vocabulary of another language	Select
Using a computer to graph statistical information	Select
Presenting a short speech to your class	Select
Repairing a bicycle	✓ Selected
Repairing a bicycle	Name of the last o

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This P	hase	
	and a second	
	2596	
Overal	ll — Step 2 of 5	

16 Industry Sectors (Discover Career Paths)



Agri-Business



Arts & Culture



Business & Financial Services



Construction



Environmental & Forestry



Health Care



Information Communication Technology



Manufacturing



Mining



Oil & Gas



Public Service



Retail & Wholesale



Science, technology, Engineering & Math



Tourism & Hospitality



Transportation



Utilities



Imagine being able to drive past a building in your community, or a major industrial project that is getting national or international attention, and say, "I built that!"

Introduction

Learn More

Career Opportunities

Construction in both residential and commercial sectors is expanding, and the focus is now shifting to large resource based industrial and engineering projects.

The major challenge for Saskatchewan's construction industry is meeting the growing demand for new workers. This demand is driven by a surge in industrial and engineering construction activity. More and more people are coming back to Saskatchewan, new people are coming in, and the number of apprenticeship programs and other training initiatives is on the rise.

A career in the trade construction industry offers:

Respect: Skilled trades play an important role in our economy and society. The construction trade industry impacts almost every aspect of our lives. Saskatchewan depends on and needs the work of skilled tradespeople.

Career Opportunities: With over two hundred careers to choose from, the skilled trades offer something for everyone. As an apprentice, you receive post-secondary learning through on-the-job training. People skilled in the trades are in demand across the province. This demand will continue with the retirement of respectively some workers from the baby boom generation.



Imagine being able to drive past a building in your community, or a major industrial project that is getting national or international attention, and say, "I built that!"

Introduction

Learn More

Career Opportunities

Y Filters

- asdf
- Occupations usually require university education
- Occupations usually require college education or apprenticeship training
- Occupations usually require secondary school and/or occupationspecific training

This is a complete list of	caroors in this indi	stry Click a title to	nam more
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Accounting Clerk [1431]	Agricultural Specialist (2123)
-------------------------	--------------------------------

Architect [0211, 2151]	Architectural Technologists and Technician (2251)
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Automotive Painter [7301, 7322, 9536]	Bicycle Repairer [7445]	
D(-ddeb (7001, 7007, 0710)	Only 2001 - 12201 - 12201	

Bookkeeper [1311]

Blacksmith [7201, 7384, 9416]	Boilermaker (7201, 723	4

Building Superintendent [0651, 0714, 0731, 0912,	Business Analyst [0124, 0125, 0213, 2171]
6221, 6312, 6733)	

N DATE OF THE PARTY OF THE PART	Cabinetmaker [7272]

Carpenter [7271]	Caretaker [0651, 0714, 0731, 0912, 6221, 6312,
	67331
Carpet Cleaner [0651, 6312, 6315, 6732]	37.574

Bricklayer [7281]

Certified General Accountant (CGA) [0013, 0111,	Certified Management Accountant (CMA) (0013)
1111)	0111, 11111

hartered Accountant (0013, 0111,	11111	Chimney Cleaner	0651, 63	312, 6315, 6	7321



Web designers research, design, and produce Internet and Intranet sites









*Wood based on 2012 entenates







Systems Testing Technician Business Analyst

Computer Engineer

IT Consultant

Animator

Marketing Analyst

About Employers Privacy
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Events Corner Advisors



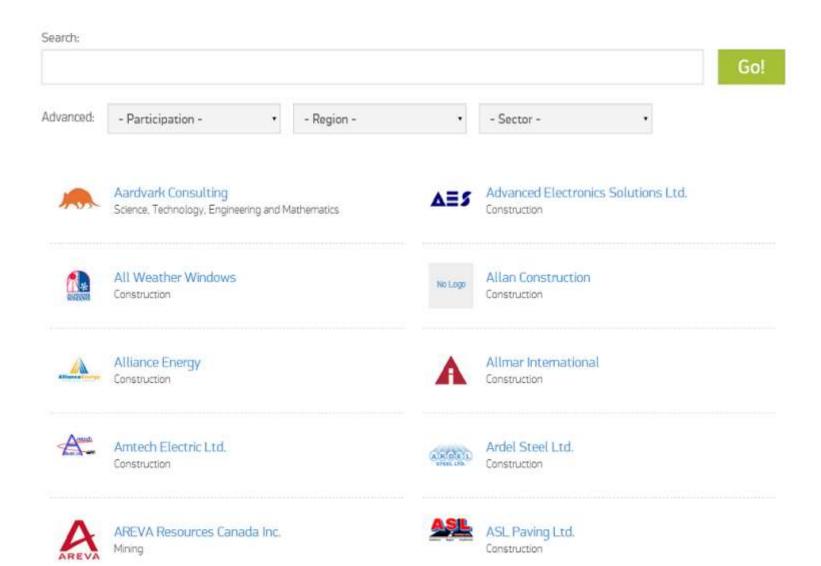
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Find Employers

Search Saskatchewan businesses to learn more about what sorts of work they do and what kinds of skills they are looking for.









Alliance Energy

Construction



Employee Count 200

Customer Base

Local Provincial

Address

3230 Faithfull Avenue Saskatoon SK 57K 8H3

Address

36 Saskatoon Street Smalltown SK 1A1 A0A Saskatoon and Area We are an employee owned company, providing electrical contracting and maintenance services. We perform all types of electrical work, from a one hour service call to the largest industrial and manufacturing design-build. We offer the finest in design and excellence in workmanship. With a strong emphasis on safety, our products and services include High Voltage Terminations, Instrumentation, PLC, Control Cabinets and Data Cabling.

With offices located in both Regina and Saskatoon, we are an equal opportunity employer and are continually searching for Journeypersons and all levels of Apprentices to compliment our workforce.

Learning Opportunities

Classroom Presentations
Participation at Career Information Sessions / Job Fairs
Career/Work Education Placement

Careers Available at Alliance Energy

- Electrician (7243, 7202, 7241, 7242)

Phone

3062425802

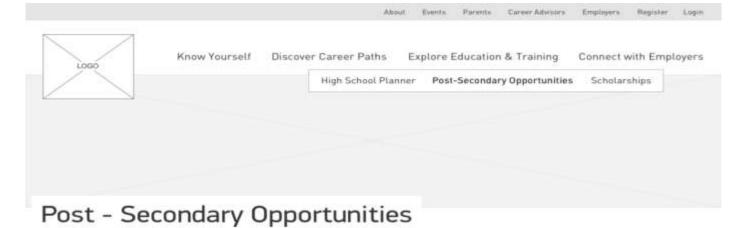
High School Planner Fubar



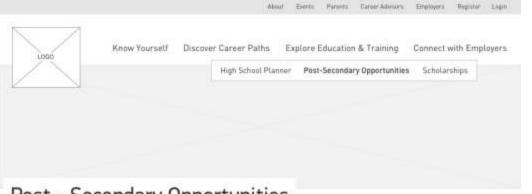
Grade 10		Grade 11	Grade 12	Additional
English Lan ELAA10 (4017)	1	English Lan ELAA11 (4049) 1	+ English	+ Course
Mathemati MATH10 (4403)	1	Mathemati MATH11 (4412) 1	+ Canadian Studies	+ Course
Science 10 SNC10 (4214)	1	Science 11 SNC11 (4221) 1	+ Course	+ Course
Geography GEOG10 (1150)	1	Social Science (+ Course	+ Course
Wellness 10 WELL10 (4600)	1	+ Course	+ English	+ Course
English Lan ELAB10 (4018)	1	+ Course	+ Course	+ Course
+ Course		+ Course	+ Course	+ Course
+ Course		+ Course	+ Course	+ Course

Graduation Indicator				
Earned (0) Planned (9) Required (9/24)				
(9 Total Credits)				
View Progress				

Pathway Eligibility				
Apprenticeships	3			
College Programs	326			
University Programs	0			
Workplace Sectors	49			



Search		Choose a Pathway ▼	Go!
Learn About the Pathways		Your Favourites	
University	College	Aboriginal Business Administration Certificate University of Saskatchewan	D Compare
		★ Aboriginal Community Development North West Regional College	Compare
Apprenticeships	Workplace Opportunities	★ Aboriginal Community Development North West Regional College	Compare



Post - Secondary Opportunities

Web Designer		Go!
Fitters	Program	Compare
Pathway	Favourites.	tios 1
Oriversity Lorem ipsum dolor	Aboriginal Business Administration University of Seakart hower	Certificate Company
List New1	Aboriginal Community Developmen North West Regions College	Company
List Rent.	★ Aboriginal Community Development North West Regional College	Company
	Aboriginal Justice & Criminalogy Senerally (Sadestrane)	Content
	Aboriginal Public Administration sintercity of Sastast melveri	Company
	Accounting University of Regime	Gengury
	the Acting University of Regina	Compare
	Actuarial Science University of Regine	G Campare
	Actuarial Science	D. Carbons



Parents:

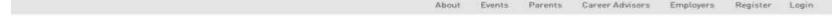
Career Advisors

Employers.

Register:

College Program

Overview	Description				
Admissions	maintenance of software sy	stems, distributed systems,	human-computer int	itation, including such topics eraction, computational mod , and computer graphics. Th	deling, artificial
Expenses	technology in almost every	corner of human activity con	tinues to create oppo	rtunities for our graduates.	
nstitution Info		er Science offers compreher echnology industry, as well a		ned to prepare graduates fo es and research.	r careers across all
inks	Credentials Awarded	Length of Program	Co-op Option	Direct from School	Part-Time Option
	Bachelor of Science	3 - 4 Years	Yes	Yes	No
	Prerequisites				
	Saskatchewan High Sci	hool Diptoma		 One of the following courses: Pre-Calculus 3 Foundations of Math 30, Mathematics A 30, 	
	 English Language Arts Language Arts B 30 	A 30 -or- English		athematics B 30 -or- Mather	
	Chemistry 30		S Biology 30		
	9 (500)		◎ PI	nysics 30	
	Make Your Path :				





College Program

Admissions	Saskatchewan High School Diploma		Four	of the following courses: Pre-Calculus 30, indations of Math 30, Mathematics A 30,
Expenses	 English Language Arts A 30 -or- Er Language Arts B 30 	nglish	Math	nematics B 30 -or - Mathematics C 30
Capenaca	Chemistry 30	c	Biolo	ogy 30
Institution Info	Chemistry 30	c	9 Phys	sics 30
Links	Make Your Path >			
	Additional Notes	Min. Average Required		Application Website
	Students can be admitted into this college with a mathematics deficiency but are encouraged to consult the college upon admission to plan how to clear the deficiency.	70%		Apply Now



College Program

Iverview	Tuition In-Province	Public Transportation Option	
dmissions	\$6,740.01	✓ Yes	
xpenses	Residence Cost (Year)	Cost of Bus Pass	
Apenses	\$6,814 - \$7,614	\$75 / month	
nstitution Info	Meal Plan Cost	Price of Parking Pass	
inks	Included in Residence Fee	\$365.20 - \$480	
	Living Off-Campus Avg. Rent		
	\$611.00 / month		
	General Notes		
	Residences can accommodate up to 1,500 students. Spaces are allocated on a first-come first-serve basis. Accommodations include male-only, female-only and co-ed traditional-style residences as well as apartments for single students and couples/families.		

TREET MECOACE

Discover Corner Plettre

Explore Education III Training

Employers Persons Cores Advisors Streets

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THE

Your Portfolio

Lorem ipsum dolor sit up straight



Russell Davidson

Grade 9 - Bishop James Mahoney High School

Goats:

- Decome a doctor
- Graduate university at the top of my class Ge to Hawaii









Your Portfolio

Web designers research, design, and produce Internet and Intranet sites





Your High School Plans				Actions		
Plan Name	Progress		c	U		Updated
SK HSD (English)	24/24	69	4205	2124	269	Nov. 12/13
SK A12 (English)	7/7	69	3703	3703	269	Nov. 12/13
SK FI/BP (Français)	24/24	69	3916	3916	269	Nov. 12/13

Compare Your Favourites

- 1. Select pathway to compare
- Choose up to three of your favourities and see how they differe from one another.

Details of SK HSD (E	nglish)
24/24 Required Credits Act	7
Pathway Eligibility	
5¢ Apprenticeship	69
College	4205
University	2124
111 Workplace	269

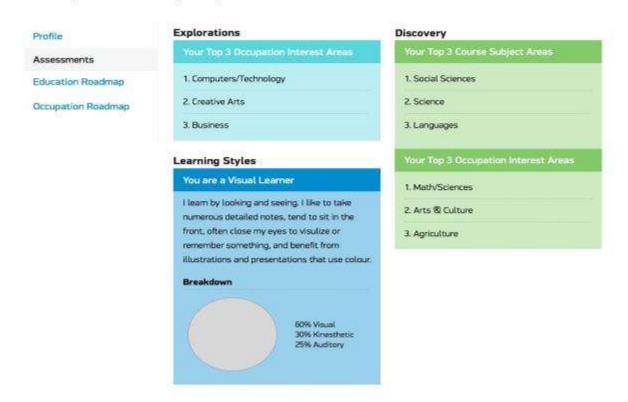






Your Portfolio

Web designers research, design, and produce Internet and Intranet sites



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 A chance for all stakeholders in Saskatchewan to work together to help young people with their career path!