

START DATE

-  Fall
-  Winter
-  Spring
-  Summer

CREDENTIAL

-  Applied Degree
-  Degree
-  Certificate
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  3 years
-  4 years
-  1 year
-  3 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration - Finance
-  Bachelor of Applied Information Systems Technology
-  Bachelor of Business Administration
-  Bachelor of Technology
-  Bachelor of Technology in Construction Management

JR Shaw School of Business Entrance Requirements

PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>APPLIED FINANCIAL SERVICES</p> <p>The Applied Financial Services program provides students with the finance and business knowledge to manage business processes with excellent service skills.</p> <p>Graduates typically work as customer service representatives, financial advisors, financial administrators, brokers and bookkeepers in financial institutions and organizations.</p> <p>    </p>	English 30-1 (55%) or English 30-2 (55%)	Math 30-1 (55%) or Math 30-2 (55%) or Applied Math 30 (55%)	/	/	/	/	/
<p>BACHELOR OF BUSINESS ADMINISTRATION</p> <p>The Bachelor of Business Administration program provides students with foundational business knowledge and the option to choose an emphasis in Accounting, Entrepreneurship and Innovation, Finance, Human Resources Management, Management or Marketing.</p> <p>Graduates typically work in a wide variety of roles including accountants, financial advisors, business analysts, HR generalists, product managers, supply chain managers, marketing specialists and sales representatives in business organizations.</p> <p>     </p>	English 30-1 (55%) or English 30-2 (55%)	Math 30-1 (55%) or Math 30-2 (55%) or Applied Math 30 (55%)	Overall average of 65%. Three additional 30 level courses (30-1 or 30-2 courses are acceptable) including three of Math 31, Biology 30, Physics 30, Chemistry 30, Science 30, Social Studies 30-1 or 30-2, Aboriginal Studies 30, Physical Education 30, Francais 30-1 or 30-2, Psychology 30, Law 30, any 35 level additional language course, any 30-1 or 30-2 fine arts course, or any 30-level AP course. Courses at a 30-3, 30-4, or any other 35 level will not be considered.				/

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<p>BUSINESS ADMINISTRATION: ACCOUNTING</p> <p>The Business Administration Accounting program focuses on financial theory, manual accounting techniques and current software applications.</p> <p>Graduates typically work as accountants, budget analysts, accounting technicians, accounting specialists, controllers, auditors and tax specialists in accounting firms and business organizations.</p> <p>      </p>	English 30-1 (55%) or English 30-2 (55%)	Math 30-1 (55%) or Math 30-2 (55%) or Applied Math 30 (55%)	/	/	/	/	/
<p>BUSINESS ADMINISTRATION: FINANCE</p> <p>The Business Administration Finance program provides students with skills in economic analysis, stock trading and corporate investing.</p> <p>Graduates typically work as financial planners, financial analysts, corporate risk managers, loans officers and wealth management consultants in banks, trust companies, investment dealers and mutual fund companies.</p> <p>      </p>	English 30-1 (55%) or English 30-2 (55%)	Math 30-1 (55%) or Math 30-2 (55%) or Applied Math 30 (55%)	/	/	/	/	/
<p>BUSINESS ADMINISTRATION: ENTREPRENEURSHIP AND INNOVATION</p> <p>The Business Administration: Entrepreneurship and Innovation program helps students grow their entrepreneurial mindset and develop skills that are essential to transform business.</p> <p>Graduates typically work as business owners, sales directors, managers, business consultants and in research and development.</p> <p>      </p>	English 30-1 (55%) or English 30-2 (55%)	Math 30-1 (55%) or Math 30-2 (55%) or Applied Math 30 (55%)	/	/	/	/	/

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			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>BUSINESS ADMINISTRATION: HUMAN RESOURCE MANAGEMENT</p> <p>The Business Administration Human Resources Management program provides students with the skills to recruit new employees, manage benefits and enhance work environments.</p> <p>Graduates typically work as human resources advisors, consultants, recruitment specialists, benefits analysts, training and development professionals and salary administrators in business organizations.</p> <p>      </p>	English 30-1 (55%) or English 30-2 (55%)	Math 30-1 (55%) or Math 30-2 (55%) or Applied Math 30 (55%)	/	/	/	/	/
<p>BUSINESS ADMINISTRATION: MANAGEMENT</p> <p>The Business Administration Management program develops students as leaders with management skills in accounting, finance and marketing.</p> <p>Graduates typically work as account executives, administrative services managers, general managers, managing directors, sales managers and supply chain managers in business organizations.</p> <p>      </p>	English 30-1 (55%) or English 30-2 (55%)	Math 30-1 (55%) or Math 30-2 (55%) or Applied Math 30 (55%)	/	/	/	/	/
<p>HOSPITALITY MANAGEMENT</p> <p>The Hospitality Management program provides students with service skills for food and beverage, catering and hotel operations, in addition to foundational business courses.</p> <p>Graduates typically work as food and beverage managers or servers, front-desk managers, banquet and catering manager, reservations agents and night auditors in hotels, restaurants, catering companies, golf and country clubs, resorts and convention centres.</p> <p>    </p>	English 30-1 (55%) or English 30-2 (55%)	Math 30-1 (55%) or Math 30-2 (55%) or Applied Math 30 (55%)	/	/	/	/	/

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			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY		
<p>BACHELOR OF TECHNOLOGY</p> <p>The Bachelor of Technology program builds on the technical background achieved in a diploma program by adding the leadership and critical thinking skills needed to take on management and supervisory roles.</p> <p>Graduates typically work in managerial and senior technologist roles in a wide range of industries.</p> <p>   </p>							Successful completion of a technology diploma or degree in an accredited or recognized engineering technology, applied science, health science or information and communication technology program with a minimum GPA of 2.7	/
<p>BUSINESS ADMINISTRATION: MARKETING</p> <p>The Business Administration Marketing program provides students with the skills to develop advertising campaigns, engage in sales and participate in marketing research, service marketing and product marketing.</p> <p>Graduates typically work as advertising account managers, brand managers, market research analysts, marketing managers, product managers, public relations officers, sales representatives and social media specialists in business organizations.</p> <p>     </p>	English 30-1 (55%) or English 30-2 (55%)	Math 30-1 (55%) or Math 30-2 (55%) or Applied Math 30 (55%)	/	/	/	/	/	/
<p>DATA ANALYTICS</p> <p>The Data Analytics post-diploma certificate program provides students with the skills to inform real-world business decision-making and planning through data insights, analysis, visualizations and predictions.</p> <p>Graduates typically work as data analysts, operations analysts, data engineers, business intelligence analysts and health information analysts in a variety of different industries.</p> <p>  </p>	/	Math 30-1 or Math 30-2	Successful completion of a diploma or degree in an accredited or recognized engineering technology, applied science, health science, business, or information technology program with a minimum GPA of 2.0				/	

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School of Applied Sciences and Technology Entrance Requirements

PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
ANALYTICAL SCIENCES							
<p>BIOLOGICAL SCIENCES TECHNOLOGY: LABORATORY RESEARCH AND BIOTECHNOLOGY</p> <p>The Biological Sciences Technology program focuses on laboratory technologies and research methods in biochemistry, microbiology, molecular biology, immunology and animal physiology.</p> <p>Graduates typically work as laboratory technologists in biotechnology, medical research, pharmaceutical companies and forensics.</p> <p>     </p>	English 30-1 or English 30-2	Math 30-1 or 30-2 or Physics 30 or Applied Math 30	/	/	Chemistry 30 •	Biology 30 •	/
<p>BIOMEDICAL ENGINEERING TECHNOLOGY</p> <p>The Biomedical Engineering Technology program provides students with the skills to design, install, inspect, repair, maintain and troubleshoot medical equipment and devices in clinical healthcare settings.</p> <p>Graduates typically work as equipment service personnel and supervisors in hospitals and medical equipment companies.</p> <p>     </p>	English 30-1 or English 30-2	Math 30-1	/	Physics 30	Chemistry 30	/	84% overall average

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ENTRY ROUTE (FROM DIPLOMA)

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PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>CHEMICAL TECHNOLOGY</p> <p>The Chemical Technology program focuses on laboratory techniques using a variety of modern laboratory instruments and computer applications.</p> <p>Graduates typically work as laboratory technologists in chemical labs, energy sector labs, environmental labs, pharmaceutical labs and research labs.</p> <p>    </p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2 or Applied Math 30	/	/	Chemistry 30	/	/
<p>NANOTECHNOLOGY SYSTEMS</p> <p>The Nanotechnology Systems program provides students with the skills to engineer materials at sizes in the nanometre range to create materials and devices used in healthcare, energy production and storage.</p> <p>Graduates typically work in research and development in technology companies, chemical or electronics labs and post-secondary institutions.</p> <p>    </p>	English 30-1 or English 30-2	Math 30-1	Science 30	Physics 30	Chemistry 30	Biology 30	/

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	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
CONSTRUCTION MANAGEMENT AND DESIGN							
<p>ARCHITECTURAL TECHNOLOGY</p> <p>The Architectural Technology program provides students with the skills to translate design concepts into graphic images and convert those images into technical drawings and specifications for the construction of buildings.</p> <p>Graduates typically work as assistants to architects and engineers or in technical positions with architectural and drafting firms, building contractors and construction companies.</p> <p>      </p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2 or Applied Math 30	/	/	/	/	70% overall average
<p>BACHELOR OF TECHNOLOGY IN CONSTRUCTION MANAGEMENT</p> <p>The BTech-CM program provides students with the skills, technical training and theoretical knowledge needed to manage the safe, timely and cost-effective delivery of projects in construction industries.</p> <p>Graduates typically work as construction managers, estimators and coordinators in industries like construction, oil and gas and engineering.</p> <p>   </p>	<p>Successful completion of NAIT Construction Engineering Technology diploma with a minimum GPA of 2.3</p> <p>OR</p> <p>Successful completion of a two-year related diploma with a minimum GPA of 2.3 AND completion of the required prerequisite courses (see website for details)</p>						/
<p>CIVIL ENGINEERING TECHNOLOGY</p> <p>The Civil Engineering Technology program provides students with the skills to apply computer-aided design and drafting systems to civil engineering problems.</p> <p>Graduates typically work as lab technologists testing construction materials or as project specialists in areas such as planning, design, surveying, construction and inspection.</p> <p>    </p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2 or Applied Math 30	Science 30	Physics 30	/	/	65% overall average

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			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>CONSTRUCTION ENGINEERING TECHNOLOGY</p> <p>The Construction Engineering Technology program focuses on the management, estimation and technical aspects of commercial and residential construction.</p> <p>Graduates typically work as project managers, coordinators and planners in construction firms, government agencies and suppliers of construction materials.</p> <p>    </p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2 (80%) or Applied Math 30 (80%)	Science 20	Physics 20	/	/	/
<p>ENGINEERING DESIGN TECHNOLOGY</p> <p>The Engineering Design Technology program provides students with skills in engineering designing, 3D modelling and computer-aided drafting used across multiple engineering disciplines.</p> <p>Graduates typically work in engineering consulting, design and construction, technical sales and services, and in fabrication and manufacturing facilities.</p> <p>    </p>	English 30-1 or English 30-2	Math 30-1	Science 30	Physics 20	/	/	/
<p>GEOMATICS ENGINEERING TECHNOLOGY</p> <p>The Geomatics Engineering Technology (Surveying) program provides students with the skills to collect, analyze and utilize spatial and three-dimensional data used in land development.</p> <p>Graduates typically work in both urban and rural environments for legal survey firms, engineering consulting firms, utility companies and government departments.</p> <p>    </p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2 (75%) or Applied Math 30 (75%)	Science 30	Physics 20	Chemistry 30	/	/

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			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>INTERIOR DESIGN TECHNOLOGY</p> <p>The Interior Design Technology program focuses on space planning, construction drawings and project management to develop interior environments for commercial spaces.</p> <p>Graduates typically work as assistants to interior designers, architects and engineers in interior design and architecture firms, construction companies and product and material suppliers.</p> <p>     </p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2 or Applied Math 30	/	/	/	/	68% overall average
<p>LANDSCAPE ARCHITECTURAL TECHNOLOGY</p> <p>The Landscape Architectural Technology program provides students with the skills to produce designs and construction drawings for outdoor environments such as streetscapes, parks and plazas.</p> <p>Graduates typically work for landscape architectural firms, planning and engineering firms, municipal government and landscape contractors and designers.</p> <p>      </p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2 or Applied Math 30	/	/	/	/	/
ENERGY							
<p>CHEMICAL ENGINEERING TECHNOLOGY</p> <p>The Chemical Engineering Technology program provides students with the skills to become experts in process engineering, or taking a raw material and turning it into a product.</p> <p>Graduates typically work as engineering and laboratory technologists in oil and gas production and refining, pipeline operations and chemical and equipment sales.</p> <p>     </p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2	Science 30	Physics 20	Chemistry 20	/	/

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			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>ELECTRICAL ENGINEERING TECHNOLOGY</p> <p>The Electrical Engineering Technology program provides students with the skills to troubleshoot, test and produce designs in field services, PLC programming and power system analysis.</p> <p>Graduates typically work as electrical designers and engineering technologists in engineering firms, utility companies, industrial plants and equipment manufacturers.</p> <p>      </p>	English 30-1 or English 30-2	Math 30-1	/	Physics 30	/	/	/
<p>GEOLOGICAL TECHNOLOGY EXPLORATION</p> <p>The Geological Technology Exploration program focuses on geochemistry, geophysics, surveying and field analysis for resource exploration and development.</p> <p>Graduates typically work as exploration technologists in mining, oil and gas, geological consulting and government regulatory agencies.</p> <p>    </p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2	Science 30	Physics 20	Chemistry 20	Biology 20	/
<p>GEOLOGICAL TECHNOLOGY GEOENVIRONMENTAL</p> <p>The Geological Technology GeoEnvironmental program provides students with the skills to assess groundwater quality and determine what is required to safely remediate contaminated sites.</p> <p>Graduates typically work as geo-environmental technologists in environmental consulting, spill response, mining and agricultural water supply and irrigation.</p> <p>    </p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2	Science 30	Physics 20	Chemistry 20	Biology 20	/

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<p>MATERIALS ENGINEERING TECHNOLOGY</p> <p>The Materials Engineering Technology program provides students with a working knowledge of the properties and behaviors of engineering materials such as metals, polymers, ceramics and composites.</p> <p>Graduates typically work in industries such as petrochemical, mining, power generation, manufacturing, inspection, quality assurance, construction, corrosion maintenance and sales.</p> <p>    BTECH</p>	English 30-1 or English 30-2	Math 30-1	/	Physics 30	Chemistry 30	/	/
<p>OCCUPATIONAL HEALTH AND SAFETY</p> <p>The Occupational Health and Safety program provides students with the knowledge and technical skills required to develop, implement and evaluate Occupational Health and Safety programs.</p> <p>Graduates typically work as safety advisors, consultants and industrial hygiene technicians in all industries.</p> <p>   BTECH</p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2 or Applied Math 30	Science 20	Physics 20	Chemistry 20	Biology 20	68% overall average
<p>PETROLEUM ENGINEERING TECHNOLOGY</p> <p>The Petroleum Engineering Technology program focuses on the discovery and extraction of energy deposits.</p> <p>Graduates typically work as technologists in the exploration, production and pipeline sectors for oil and gas companies, oilfield service companies and regulatory agencies worldwide.</p> <p>     BTECH BTECH-CM</p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2	Science 30	Physics 20	Chemistry 20	/	/

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			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>POWER ENGINEERING - 4TH CLASS</p> <p>The Power Engineering - 4th Class program provides students with the skills needed to operate and maintain industrial equipment such as boilers, pumps and turbines.</p> <p>Graduates typically work in electrical generating plants, pulp mills, oil and gas plants, food processing plants, hospitals, breweries, office buildings, heating plants and chemical plants.</p> <p>   </p>	English 30-1 or English 30-2	Math 30-1	/	Physics 30 ●	Chemistry 30 ●	/	/
<p>POWER ENGINEERING TECHNOLOGY</p> <p>The Power Engineering Technology program focuses on thermodynamics, electricity, electronics, refrigeration and air conditioning while providing students with the skills to draft and read blueprints.</p> <p>Graduates typically work as power engineers in power generation facilities and industries that produce high pressure steam such as oil and gas and pulp and paper production.</p> <p>    </p>	English 30-1 or English 30-2	Math 30-1	/	Physics 30 ●	Chemistry 30 ●	/	60% average overall

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			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
INFORMATION AND COMMUNICATIONS TECHNOLOGY							
<p>BACHELOR OF APPLIED INFORMATION SYSTEMS TECHNOLOGY</p> <p>The Bachelor of Applied Information Systems Technology program has two major options: Information Systems, which focuses on advanced analysis and design of scalable systems; and Network Management, which involves managing computer networks in large enterprises.</p> <p>Graduates of the Information Systems major typically work as senior systems analysts, designers or project leaders. Network Management graduates typically work as network managers, network engineers or network administrators.</p> <p>   </p>	A two-year diploma in an IT program related to the selected major sector with an overall minimum GPA of 2.3.						/
<p>COMPUTER ENGINEERING TECHNOLOGY</p> <p>The Computer Engineering Technology program focuses on computer hardware and software principles such as industrial electronics and programming for micro-controllers.</p> <p>Graduates typically work in software development, instrumentation data acquisition, process control hardware and software, technical management, programmable logic design and quality assurance.</p> <p>      </p>	English 30-1 or English 30-2	Math 30-1	/	Physics 30	Chemistry 30	/	70% overall average

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OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration - Finance
-  Bachelor of Applied Information Systems Technology
-  Bachelor of Business Administration
-  Bachelor of Technology
-  Bachelor of Technology in Construction Management

PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>COMPUTER NETWORK ADMINISTRATOR</p> <p>The Computer Network Administrator Program provides students with training in current applied technology, client operations, cloud computing and network security.</p> <p>Graduates typically work as client services, network services and information services administrators, desktop and technical support technicians and systems analysts.</p> <p>    </p>	English 30-1 or English 30-2	Math 20-1 or Math 30-2 or Applied Math 30	Science 30	Physics 20	/	/	/
<p>CYBERSECURITY</p> <p>The Cybersecurity post-diploma certificate program provides students with the operational skills and security strategies to defend against attacks and manage risk. The program also focuses on the technical, legal and political issues regarding cybersecurity.</p> <p>Graduates typically work as IT security analysts, architects, advisors and managers, cybersecurity team leads and cybersecurity consultants in a variety of different industries.</p> <p>   </p>	An accredited or recognized IT or Computer Science related diploma or degree with a minimum GPA of 2.0						/
<p>DIGITAL MEDIA AND IT</p> <p>The DMIT program prepares students for work in digital media and information technology with nine areas of emphasis including Animation, Computer Software Development, Digital Cinema, Game Design, Game Programming, IT Business Analysis, IT System Administration, Visual Communications, and Web Design and Development.</p> <p>       </p>	English 20-1 or 20-2	Math 20-1 or 20-2 or Applied Math 20	/	/	/	/	70% overall average

START DATE

-  Fall
-  Spring
-  Winter
-  Summer

CREDENTIAL

-  Applied Degree
-  Certificate
-  Degree
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  4 years
-  1 year
-  3 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration - Finance
-  Bachelor of Applied Information Systems Technology
-  Bachelor of Business Administration
-  Bachelor of Technology
-  Bachelor of Technology in Construction Management

PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>NETWORK ENGINEERING TECHNOLOGY</p> <p>The Network Engineering Technology program provides students with the skills to analyze, design, implement and maintain complex local and wide area networks.</p> <p>Graduates typically work as data systems specialists, network analysts, network support specialists, LAN/WAN administrators and systems analysts.</p> <p>    </p>	English 30-1 or English 30-2	Math 30-1	Science 30	Physics 30	Chemistry 30	/	75% overall average
<p>WIRELESS SYSTEMS ENGINEERING TECHNOLOGY</p> <p>The Wireless Systems Engineering Technology program provides students with the skills to design and build communications infrastructure and adapt wireless technologies for communications.</p> <p>Graduates typically work as technologists and test engineers in wireless, WiFi, IoT, satellite, cellular, telecommunications, radio companies, utility companies, oil and gas industries, health care and government agencies.</p> <p>   </p>	English 30-1 or English 30-2	Math 30-1	Science 30	Physics 30	Chemistry 30	/	/
MANUFACTURING AND AUTOMATION							
<p>ELECTRONICS ENGINEERING TECHNOLOGY</p> <p>The Electronics Engineering Technology program provides students with the skills to solve technical and scientific problems while learning principles of electricity, embedded systems, communications and industrial electronics.</p> <p>Graduates typically work across a wide range of industries performing functions associated with the installation, testing and maintenance of electronic systems, technical sales, engineering support, quality control and design.</p> <p>    </p>	English 30-1 or English 30-2	Math 30-1	Science 30	Physics 30	Chemistry 30	/	/

START DATE

-  Fall
-  Spring
-  Winter
-  Summer

CREDENTIAL

-  Applied Degree
-  Certificate
-  Degree
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  4 years
-  1 year
-  3 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration - Finance
-  Bachelor of Applied Information Systems Technology
-  Bachelor of Business Administration
-  Bachelor of Technology
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PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A ● ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>INSTRUMENTATION ENGINEERING TECHNOLOGY</p> <p>The Instrumentation Engineering Technology program provides students with the skills to measure and control industrial processes safely.</p> <p>Graduates typically work in industries ranging from industrial automation to oil and gas and work on a wide variety of projects such as developing controls for smart buildings and emissions monitoring systems.</p> <p>     </p>	English 30-1 or English 30-2	Math 30-1	/	Physics 20 ●	Chemistry 20 ●	/	/
<p>MECHANICAL ENGINEERING TECHNOLOGY</p> <p>The Mechanical Engineering Technology program provides students with the skills to design mechanical components, assemblies and systems.</p> <p>Graduates typically work in mechanical equipment manufacturing and supply firms, research and development laboratories, consulting engineering firms and government agencies.</p> <p>      </p>	English 30-1 or English 30-2	Math 30-1	/	Physics 30	/	/	/
MEDIA, CREATIVE AND COMMUNICATIONS							
<p>CAPTIONING AND COURT REPORTING</p> <p>The Captioning and Court Reporting program provides students with skills to capture speech using an electronic shorthand machine and computer technology.</p> <p>Graduates typically work as independent contractors in court reporting, captioning and broadcast captioning roles.</p> <p>   </p>	English 30-1 or English 30-2 (65%). One of: Grade 12 Social Studies or Legal Studies or Post-Secondary Sociology or Post-Secondary Psychology or work experience that demonstrates an understanding of social systems.						70% in English 30-1

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PROGRAM LENGTH

-  < 1 year
-  2 years
-  3 years
-  4 years
-  1 year
-  3 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration - Finance
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-  Bachelor of Business Administration
-  Bachelor of Technology
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PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>GRAPHIC COMMUNICATIONS</p> <p>The Graphic Communications program provides students with the skills to design and produce various print, promotional and electronic media from concept through to final production.</p> <p>Graduates typically work as prepress technicians, digital press operators, production artists/layout artists, wide-format finishing technicians and bindery operators.</p> <p>   </p>	English 30-1 or English 30-2	Math 20-1 or Math 20-2	/	/	/	/	/
<p>PHOTOGRAPHIC TECHNOLOGY</p> <p>The Photographic Technology program provides students with skills to handle the technical and aesthetic requirements of quality photographic image production.</p> <p>Graduates typically work as assistants, photographers for organizations or start their own photography business.</p> <p>    </p>	English 30-1 or English 30-2	Math 20-1 or Math 20-2	/	/	/	/	60% overall average
<p>RADIO AND TELEVISION - RADIO</p> <p>The Radio program focuses on all operational aspects of broadcast media from announcing to online content creation.</p> <p>Graduates typically work at commercial radio stations as announcers, copywriters, audio producers, reporters, promotions coordinators, sales representatives and social media content creators.</p> <p>    </p>	60% in English 30-1 or English 30-2	Math 20-1 or Math 20-2 or Applied Math 20	Biology 20, or Chemistry 20, or Physics 20, or Science 20. Social Studies 20-1 or Social Studies 20-2				65% overall average

START DATE

-  Fall
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-  Spring
-  Summer

CREDENTIAL

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-  Degree
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  3 years
-  4 years
-  1 year
-  3 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration - Finance
-  Bachelor of Applied Information Systems Technology
-  Bachelor of Business Administration
-  Bachelor of Technology
-  Bachelor of Technology in Construction Management

PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A ● ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>RADIO AND TELEVISION - TELEVISION</p> <p>The Television program provides students with the skills to produce and star in a television program.</p> <p>Graduates typically work at television stations as anchors/reporters, producers, videographers, directors, writers, web journalists, editors, camera operators and production assistants.</p> <p>    </p>	60% in English 30-1 or English 30-2	Math 20-1 or Math 20-2 or Applied Math 20	Biology 20, or Chemistry 20, or Physics 20, or Science 20. Social Studies 20-1 or Social Studies 20-2.				65% overall average
<p>RENEWABLE RESOURCES AND ENVIRONMENTAL SERVICES</p> <p>ALTERNATIVE ENERGY TECHNOLOGY</p> <p>The Alternative Energy Technology provides students with the skills to determine energy consumption and produce highly-detailed design plans for energy generating systems.</p> <p>Graduates typically work as site assessors, energy auditors, solar designers and installers, energy advisors, technical product salespeople and operations managers.</p> <p>     </p>	English 30-1 or English 30-2	Math 30-1	/	Physics 20 ●	Chemistry 20 ●	/	/
<p>BIOLOGICAL SCIENCES TECHNOLOGY: CONSERVATION BIOLOGY</p> <p>The Conservation Biology program provides students with the skills needed to ensure natural resources are used in an optimal, sustainable way.</p> <p>Graduates typically work as wildlife and fisheries technologists, environmental educators, conservation officers and museum technologists.</p> <p>     </p>	English 30-1 or English 30-2	Math 30-1 or 30-2 or Physics 30	/	/	Chemistry 30 ●	Biology 30 ●	/

START DATE

-  Fall
-  Winter
-  Spring
-  Summer

CREDENTIAL

-  Applied Degree
-  Certificate
-  Degree
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  4 years
-  1 year
-  3 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration - Finance
-  Bachelor of Applied Information Systems Technology
-  Bachelor of Business Administration
-  Bachelor of Technology
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PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A ● ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>BIOLOGICAL SCIENCES TECHNOLOGY: ENVIRONMENTAL MONITORING AND ASSESSMENT</p> <p>The Environmental Monitoring and Assessment program provides students with the skills to monitor and assess environmental qualities, apply principles of quality assurance/control, manage waste and remediate land.</p> <p>Graduates typically work in environmental laboratories, service companies, oil and gas, municipalities and post-secondary institutions.</p> <p>     </p>	English 30-1 or English 30-2	Math 30-1 or 30-2 or Physics 30	/	/	Chemistry 30 ●	Biology 30 ●	/
<p>FOREST TECHNOLOGY</p> <p>The Forest Technology program provides students with field-oriented training in forest management activities such as reclamation, fire behavior and protection.</p> <p>Graduates typically work for government agencies, consulting firms, conservation groups and private landowners.</p> <p>     </p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2	Science 30	Physics 20	Chemistry 20	Biology 20	63% overall average
<p>WATER AND WASTEWATER TECHNICIAN</p> <p>The Water and Wastewater Technician program provides students with skills to troubleshoot and repair components and processes in the areas of water treatment, water distribution, wastewater treatments and collection.</p> <p>Graduates typically work in municipal public works departments, as contractors involved in the installation of water and wastewater systems, and for companies who service and supply water and wastewater materials and equipment.</p> <p>     </p>	English 30-1 or English 30-2	Math 20-1 or Math 20-2	Science 20	Physics 20	Chemistry 20	Biology 20	/

START DATE

-  Fall
-  Spring
-  Winter
-  Summer

CREDENTIAL

-  Applied Degree
-  Certificate
-  Degree
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  3 years
-  4 years
-  1 year
-  3 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE [FROM DIPLOMA]

-  Bachelor of Applied Business Administration - Finance
-  Bachelor of Applied Information Systems Technology
-  Bachelor of Business Administration
-  Bachelor of Technology
-  Bachelor of Technology in Construction Management

School of Health and Life Sciences Entrance Requirements

PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A ● ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>ADVANCED CARE PARAMEDIC</p> <p>The Advanced Care Paramedic program provides students with the advanced skills necessary to give treatment to those in critical need and assist hospital personnel.</p> <p>Graduates typically work in ground ambulance positions or fixed wing aircraft positions.</p> <p>    </p>	English 30-1 or English 30-2	Math 20-1 or Math 20-2	Science 30	/	/	Biology 30	Online interviews will occur for this program
<p>ANIMAL HEALTH TECHNOLOGY</p> <p>The Animal Health Technology program provides students with the skills to assist veterinarians in the diagnosis, treatment and prevention of disease in animals.</p> <p>Graduates typically work as animal health technologists in veterinary clinics, research, shelter medicine, zoos and with drug companies.</p> <p>    </p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2 or Applied Math 30	/	/	Chemistry 30 ●	Biology 30 ●	Online interview will occur for this program – applicants successful in receiving an interview had a minimum average of 70% last year

START DATE

-  Fall
-  Winter
-  Spring
-  Summer

CREDENTIAL

-  Applied Degree
-  Certificate
-  Degree
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  3 years
-  4 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration – Finance
-  Bachelor of Applied Information Systems Technology
-  Bachelor of Business Administration
-  Bachelor of Technology
-  Bachelor of Technology in Construction Management

PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A ● ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>DENTAL ASSISTING TECHNOLOGY</p> <p>The Dental Assisting Technology program provides students with the skills to support dentists and hygienists in their practice.</p> <p>Graduates typically work as registered dental assistants in private dental practice, community health organizations, denturist practices, dental sales companies and dental benefit administering agencies.</p> <p>   </p>	English 30-1 (60%) or English 30-2 (60%)	60% in one of: Science 30, Math 30-1 or 30-2, Physics 30, Social Studies 30-1 or a 30-level language other than English.	Chemistry 20 (60%) ●	Biology 30 (60%) ●		Online interview will occur for this program – applicants successful in receiving an interview had a minimum average of 73% last year	
<p>DENTAL TECHNOLOGY</p> <p>The Dental Technology program provides students with the skills to fabricate corrective appliances, devices and replacements for natural teeth and tissues.</p> <p>Graduates typically work as dental technologists in dental laboratories and offices, denturist clinics, supply companies and institutions.</p> <p>    </p>	English 30-1 or English 30-2	Math 20-1 or Math 20-2 or Applied Math 20	One of: Science 30, Chemistry 30, Physics 30, Math 30-1, Math 30-2, Math 31, Social Studies 30-1, Art 30 or a 30-level language other than English		Biology 30	73% overall average	
<p>DENTURIST TECHNOLOGY</p> <p>The Denturist Technology diploma program provides students with the skills to assess, design, fabricate and insert complete and partial dentures.</p> <p>Graduates typically work for a denturist, open their own clinic or become partners with another denturist.</p> <p>    </p>	English 30-1 or English 30-2	Math 30-1 or Math 30-2 or Applied Math 30	Physics 30, Math 31, Social Studies 30-1 or a 30-level language other than English ●		Biology 30 ●	Online interview will occur for this program – applicants successful in receiving an interview had a minimum average of 72% last year	

START DATE

-  Fall
-  Winter
-  Spring
-  Summer

CREDENTIAL

-  Applied Degree
-  Certificate
-  Degree
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  4 years
-  1 year
-  3 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration - Finance
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PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>DIAGNOSTIC MEDICAL SONOGRAPHY</p> <p>The Diagnostic Medical Sonography program provides students with the skills to use ultrasounds to produce and record images of important organs, masses and fetuses.</p> <p>Graduates typically work as ultrasound technologists (sonographers) in hospitals.</p> <p>    </p>	English 30-1 (75%) or English 30-2 (75%)	Math 30-1 (75%) or Math 30-2 (75%)	/	Physics 30 (75%) •	/	Biology 30 (75%) •	Online interview will occur for this program – applicants successful in receiving an interview had a minimum average of 88% last year
<p>DISASTER AND EMERGENCY MANAGEMENT</p> <p>The Disaster and Emergency Management program provides students with the skills to manage emergency situations in the public sector, industry, community and government.</p> <p>Graduates typically work as specialists in government, oil and gas, healthcare, energy, forestry and transportation.</p> <p>   </p>	English 30-1 or English 30-2	/	/	/	/	/	/
<p>LABORATORY AND X-RAY TECHNOLOGY COMBINED</p> <p>The Combined Laboratory and X-Ray Technology program trains students in both the medical laboratory and x-ray disciplines, practicing predominantly in rural communities.</p> <p>Graduates typically work as technologists in rural community hospitals or care centres, clinics and outpatient facilities.</p> <p>    </p>	English 30-1 (60%) or English 30-2 (60%)	Math 30-1 (60%) or Math 30-2 (60%)	/	/	Chemistry 30 (60%) •	Biology 30 (60%) •	Online interview will occur for this program

START DATE

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-  Spring
-  Summer

CREDENTIAL

-  Applied Degree
-  Certificate
-  Degree
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  3 years
-  4 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration – Finance
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PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A ● ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>MAGNETIC RESONANCE</p> <p>The Magnetic Resonance program provides students with the skills to operate medical diagnostic equipment that use magnetic fields and radio waves.</p> <p>Graduates typically work as technologists in hospitals, clinics, trauma centres and research labs.</p> <p>    </p>	English 30-1 (60%) or English 30-2 (60%)	Math 30-1 (60%) or Math 30-2 (60%)	/	Physics 30 (60%) ●	/	Biology 30 (60%) ●	Online interview will occur for this program – applicants successful in receiving an interview had a minimum average of 81% last year
<p>MAGNETIC RESONANCE IMAGING [2ND DISCIPLINE]</p> <p>The Magnetic Resonance Imaging 2nd Discipline program focuses on practical experience and training that compliments students' previous study.</p> <p>Graduates typically work as technologists in hospitals, clinics, trauma centres and research labs.</p> <p>     </p>	<p>Current practice permit through provincial/national regulatory body, membership with CAMRT and a diploma from an accredited institute in Medical Radiology, Nuclear Medicine, or Radiation Therapy</p> <p>OR</p> <p>Active membership with Sonography Canada (Generalist) and a diploma from an accredited institute in Diagnostic Medical Sonography</p> <p>OR</p> <p>A current practice permit through provincial regulatory body (ACCLXT) and diploma from an accredited institute in Combined Laboratory and X-Ray</p>						/
<p>MEDICAL LABORATORY ASSISTING</p> <p>The Medical Laboratory Assisting program provides students with the skills to take blood, perform electrocardiograms (ECGs) and assist medical laboratory technologists.</p> <p>Graduates typically work as assistants in private or hospital labs.</p> <p>    </p>	English 30-1 (65%) or English 30-2 (65%)	Math 20-2 (65%) or Math 10C (65%) or Applied Math 20 (65%)	/	/	Chemistry 20 (65%) ●	Biology 30 (65%) ●	Online interview will occur for this program

START DATE

-  Fall
-  Spring
-  Winter
-  Summer

CREDENTIAL

-  Applied Degree
-  Certificate
-  Degree
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  3 years
-  4 years
-  1 year
-  3 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration – Finance
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PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>MEDICAL LABORATORY TECHNOLOGY</p> <p>The Medical Laboratory Technology program provides students with the skills to analyze and test human blood and body fluids for microorganisms, cellular and chemical components.</p> <p>Graduates typically work as technologists in large hospital labs, private labs, research and sales.</p> <p>    </p>	English 30-1 (65%) or English 30-2 (65%)	Math 30-1 (65%)	/	/	Chemistry 30 (65%) •	Biology 30 (65%) •	Online interview will occur for this program – applicants successful in receiving an interview had a minimum average of 86% last year
<p>MEDICAL RADIOLOGIC TECHNOLOGY</p> <p>The Medical Radiologic Technology program provides students with the skills to correctly position the patient and X-ray equipment to produce images and visualize the extent of disease or injury to a patient.</p> <p>Graduates typically work as technologists in hospitals, clinics, education and software.</p> <p>    </p>	English 30-1 (75%) or English 30-2 (75%)	Math 30-1 (75%) or Math 30-2 (75%)	/	Physics 30 (75%) •	/	Biology 30 (75%) •	Online interview will occur for this program
<p>OPTICAL SCIENCES - CONTACT LENSES</p> <p>The Optical Sciences Contact Lenses program is for licensed and practicing opticians to expand their offering to dispense contact lenses.</p> <p>   </p>	Completion of the NAIT Optical Sciences Eyeglasses Diploma or assessed equivalent. Applicant must be a registered Optician. Proof of license and a letter of good standing from the provincial association must be provided.						/
<p>OPTICAL SCIENCES - EYEGLASSES</p> <p>The Optical Sciences program provides students with the skills to prepare and fit corrective lenses in a retail setting.</p> <p>    </p>	Canadian High School Diploma or assessed equivalent.						/

START DATE

-  Fall
-  Winter
-  Spring
-  Summer

CREDENTIAL

-  Applied Degree
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PROGRAM LENGTH

-  < 1 year
-  2 years
-  4 years
-  1 year
-  3 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration – Finance
-  Bachelor of Applied Information Systems Technology
-  Bachelor of Business Administration
-  Bachelor of Technology
-  Bachelor of Technology in Construction Management

PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>PERSONAL FITNESS TRAINER</p> <p>The Personal Fitness Trainer program provides students with the skills to guide physical training and safe exercise with the knowledge of nutrition and lifestyle counselling.</p> <p>Graduates typically work as personal fitness trainers in private fitness centres or studios, employee fitness centres, public recreation facilities and rehabilitation settings. Graduates may also work as independent personal fitness trainers or open their own business.</p> <p>      </p>	English 30-1 or English 30-2	Math 20-1 or Math 20-1 or Applied Math 20	/	/	/	Biology 30	/
<p>PRIMARY CARE PARAMEDIC</p> <p>The Primary Care Paramedic program provides students with the skills to provide emergency medical services to the sick and injured in a prehospital care environment.</p> <p>Graduates typically work in ground ambulance positions.</p> <p>    </p>	Successful completion of NAIT Emergency Medical Responder program or NAIT Medical First Responder program.					Online interview will occur for this program – applicants successful in receiving an interview will meet the competitive entrance requirements of: English 30-1 or 30-2, Math 20-1 or 20-2, Biology 30 or Science 30	

START DATE

-  Fall
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-  Spring
-  Summer

CREDENTIAL

-  Applied Degree
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-  Certificate
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  3 years
-  4 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration - Finance
-  Bachelor of Applied Information Systems Technology
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PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>RESPIRATORY THERAPY</p> <p>The Respiratory Therapy program provides students with the skills to diagnose, treat, rehabilitate and educate patients with heart and lung disorders.</p> <p>Graduates typically work as respiratory therapists in critical care units, operating rooms, emergency departments, hospital wards, laboratories, research and in community-based care programs.</p> <p>    </p>	English 30-1 (70%) or English 30-2 (70%)	Math 30-1 (70%) or Math 30-2 (70%) or Applied Math 30 (70%)	/	/	Chemistry 30 (70%) •	Biology 30 (70%) •	Online interview will occur for this program – applicants successful in receiving an interview had a minimum average of 84% last year
<p>VETERINARY MEDICAL ASSISTANT</p> <p>The Veterinary Medical Assistant program provides students with the skills to support clients, animal health technologists and veterinarians with administration, animal handling and clinical procedures.</p> <p>Graduates typically work as assistants in veterinary clinics, kennels, shelter medicine and zoos.</p> <p>    </p>	English 30-1 or English 30-2	Math 20-1 or Math 20-2 or Applied Math 20	/	/	/	/	Biology 30

START DATE

-  Fall
-  Spring
-  Winter
-  Summer

CREDENTIAL

-  Applied Degree
-  Certificate
-  Degree
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  3 years
-  4 years
-  1 year
-  3 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration - Finance
-  Bachelor of Applied Information Systems Technology
-  Bachelor of Business Administration
-  Bachelor of Technology
-  Bachelor of Technology in Construction Management

School of Skilled Trades Entrance Requirements

PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
CULINARY							
BAKING AND PASTRY ARTS							
<p>The Baking and Pastry Arts program focuses on the art and science of bread, cake and pastry making.</p> <p>Graduates typically work as bakers in food establishments and bakeries.</p> <p>   </p>	English 10-1 or English 10-2	Math 10C, Math 10-3, Math 20-4, Applied Math 10, Math 13, or Math 24	/	/	/	/	65% overall average in English 30-1 or 30-2 and Math 30-1 or Math 30-2 or Math 30 Applied
CULINARY ARTS							
<p>The Culinary Arts program provides students with relevant, high-quality culinary training.</p> <p>Graduates typically work as chefs in hotel and restaurant kitchens or in culinary publishing, food styling and product research and development.</p> <p>    </p>	English 10-1 or English 10-2	Math 10, Math 13, Applied Math 10, Pure Math 10, 10-3, 10C, or 20-4	/	/	/	/	65% overall average in English 20-1 or 20-2 and Math 20-1 or Math 20-2 or Math 20-3 or a successful completion of the Professional Meat Cutting and Merchandising program
PROFESSIONAL MEAT CUTTING AND MERCHANDISING							
<p>The Professional Meat Cutting and Merchandising program provides students with the skills to produce cured, smoked and processed meat as well as merchandise and purchase meat products.</p> <p>Graduates typically work as meat cutters in supermarket food chains, independent meat markets, specialty stores, and urban and rural centres.</p> <p>    </p>	English 10-1 or English 10-2	Math 10, 13, Applied, Pure, 10-3, 10C, 24, or 20-4	/	/	/	/	/

START DATE

-  Fall
-  Spring
-  Winter
-  Summer

CREDENTIAL

-  Applied Degree
-  Certificate
-  Degree
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  4 years
-  1 year
-  3 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration - Finance
-  Bachelor of Applied Information Systems Technology
-  Bachelor of Business Administration
-  Bachelor of Technology
-  Bachelor of Technology in Construction Management

PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>PRE-APPRENTICESHIP</p> <p>BUILDING ENVIRONMENTAL SYSTEMS</p> <p>The Building Environmental Systems Technology program focuses on engineering theory and conceptual aspects of heating, ventilation, air conditioning and refrigeration (HVAC-R) integration in building systems.</p> <p>Graduates typically work as technologists in building systems evaluation, project management and inspection, building systems contracting and consulting, and building controls design and servicing.</p> <p>  </p>							/
<p>CNC MACHINIST TECHNICIAN</p> <p>The CNC Machinist Technician program provides students with the skills to utilize drill presses, lathes, milling machines and various grinding machines.</p> <p>Graduates typically work as machinists in machine shops, manufacturing plants, engine rebuilding shops, tool and equipment supply companies, production equipment repair shops, tool and die shops and mould-making shops.</p> <p>     </p>	English 10-1 or English 10-2	Math 10, 13, 24, Applied Math 10, Pure Math 10, 10C, 10-3 or 20-4	/	/	/	/	/
<p>HEATING VENTILATION AIR CONDITIONING REFRIGERATION TECHNICIAN</p> <p>The HVACR Technician program provides students with the skills to commission, design, install, maintain, service and troubleshoot HVACR systems.</p> <p>Graduates typically work as technicians in industry-specific wholesale businesses, sales and consulting firms.</p> <p>   </p>	English 30-1 or English 30-2	Math 20-1 or Math 20-2 or Math 30-3	Science 20	Physics 20	Chemistry 20	/	/

START DATE

-  Fall
-  Spring
-  Winter
-  Summer

CREDENTIAL

-  Applied Degree
-  Certificate
-  Degree
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  4 years
-  1 year
-  3 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration - Finance
-  Bachelor of Applied Information Systems Technology
-  Bachelor of Business Administration
-  Bachelor of Technology
-  Bachelor of Technology in Construction Management

PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>INDUSTRIAL HEAVY EQUIPMENT TECHNOLOGY</p> <p>The Industrial Heavy Equipment Technology program provides students with the skills to diagnose and repair machinery in the heavy equipment industry competently and safely.</p> <p>Graduates typically work as heavy equipment technicians or may choose to work in preventive maintenance, sales and purchasing.</p> <p>    BTECH</p>	English 20-1 or English 20-2	Math 20-1 or Math 20-2 or Math 20-3	Science 10	/	/	/	67% average overall
<p>MILLWORK AND CARPENTRY</p> <p>The Millwork and Carpentry program provides students with the skills to design and construct wood structures, cabinets, shelving units and furniture.</p> <p>Graduates are typically self-employed or work in commercial millwork, cabinet and furniture production, commercial display work, construction carpentry and stair and handrail manufacturing.</p> <p>   </p>	English 10-1 or English 10-2	Math 10, 13, 24, Applied Math 10, Pure Math 10, 10C, 10-3, or 20-4	/	/	/	/	/

START DATE

-  Fall
-  Winter
-  Spring
-  Summer

CREDENTIAL

-  Applied Degree
-  Degree
-  Certificate
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  3 years
-  4 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration - Finance
-  Bachelor of Applied Information Systems Technology
-  Bachelor of Business Administration
-  Bachelor of Technology
-  Bachelor of Technology in Construction Management

PROGRAM	MINIMUM ACADEMIC REQUIREMENTS						COMPETITIVE REQUIREMENT
	ENGLISH	MATH	COURSES MARKED WITH A • ARE REQUIRED; OTHERWISE, CHOOSE ONE OF:				
			SCIENCE	PHYSICS	CHEMISTRY	BIOLOGY	
<p>PRE-EMPLOYMENT AUTO BODY REPAIR</p> <p>The Pre-employment Auto Body Repair program focuses on industry regulations, component removal and installation, substrate preparations, welding and basic sheet metal repair.</p> <p>Graduates typically work in entry-level positions in auto body shops, dealerships, truck repair shops, industrial painting shops, automotive supply firms and insurance companies.</p> <p>     </p>	English 10-1 or English 10-2	Math 10, 13, 24, Applied Math 10, Pure Math 10, 10C, 10-3, or 20-4	Science 10 or 24	/	/	/	/
<p>PRE-EMPLOYMENT AUTOMOTIVE SERVICE TECHNICIAN</p> <p>The Pre-employment Automotive Service Technician program combines applied academic skills, employability skills and introductory trade/occupation competencies for entry-level positions.</p> <p>Graduates typically work as technicians in automotive repair shops, specialty repair shops, service facilities, and car and truck dealerships.</p> <p>     </p>	English 20-1 or English 20-2	Math 20-1 or Math 20-2 or Math 20-3	Science 10 (or two years of RAP)	/	/	/	/

START DATE

-  Fall
-  Winter
-  Spring
-  Summer

CREDENTIAL

-  Applied Degree
-  Degree
-  Certificate
-  Diploma

PROGRAM LENGTH

-  < 1 year
-  2 years
-  3 years
-  4 years
-  1 year
-  3 years

OTHER

-  Other Requirements
-  Other Entrance Pathways Available

ENTRY ROUTE (FROM DIPLOMA)

-  Bachelor of Applied Business Administration – Finance
-  Bachelor of Applied Information Systems Technology
-  Bachelor of Business Administration
-  Bachelor of Technology
-  Bachelor of Technology in Construction Management

APPRENTICESHIP**MINIMUM REQUIREMENTS**

successful completion of the following courses:

RECOMMENDED PATH

Alberta High school diploma that includes the following course:

CATEGORY A

- English 10-2 & Math 10-3
- **OR** a pass mark in all five Canadian General Educational Development (GED) tests
- **OR** entrance exam

- English 30-2, Math 30-3, Physics 20
- **OR** Chemistry 20
- **OR** Science 20
- related Career and Technology Studies (CTS) courses

BAKER • CABINETMAKER • CARPENTER • COOK • CRANE + HOISTING EQUIPMENT OPERATOR – BOOM TRUCK + MOBILE CRANE • FLOORCOVERING INSTALLER • INSULATOR • IRONWORKER • LATHER – INTERIOR SYSTEMS MECHANIC • PAINTER + DECORATOR • PARTS TECHNICIAN • SHEET METAL WORKER • WELDER

CATEGORY B

- English 20-2, Math 20-3 & Science 10
- **OR** a pass mark in all five Canadian General Educational Development (GED) tests
- **OR** entrance exam

- English 30-2, Math 30-3, Physics 30
- **OR** Chemistry 30
- **OR** Science 30
- related Career and Technology Studies (CTS) courses

AUTOMOTIVE SERVICE TECHNICIAN • BOILERMAKER • COMMUNICATION TECHNICIAN • ELECTRICIAN • GASFITTER • HEAVY EQUIPMENT TECHNICIAN • PLUMBER • POWER SYSTEMS ELECTRICIAN • STEAMFITTER / PIPEFITTER

CATEGORY C

- English 10-2, Math 10-3 & Science 10
- **OR** a pass mark in all five Canadian General Educational Development (GED) tests
- **OR** entrance exam

- English 30-2, Math 30-3, Physics 20
- **OR** Chemistry 20
- **OR** Science 20
- related Career and Technology Studies (CTS) courses

AUTO BODY TECHNICIAN • MACHINIST • OUTDOOR POWER EQUIPMENT TECHNICIAN

CATEGORY D

See the individual trades on tradesecrets.alberta.ca for Category D trade entrance requirements

INSTRUMENT TECHNICIAN • RIG TECHNICIAN • ROOFER • REFRIGERATION + AIR CONDITIONING MECHANIC

Getting started in the School of Skilled Trades

