

RED DEER POLYTECHNIC

Admission Requirements

- 2 Arts
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- 6 Education
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- 7 Health Sciences
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ENGLISH LANGUAGE PROFICIENCY

Applicants whose first language is not English must demonstrate English Language Proficiency for admission purposes. Visit rdpolytech.ca/elp for complete details on the various methods English Language Proficiency can be demonstrated.

ALBERTA GRADE 12 COURSE GROUPS FOR ADMISSION PURPOSES

Many Red Deer Polytechnic programs indicate Group A, B, C and D courses as admission requirements. Please refer to the following chart for the most common Alberta high school courses and the group they belong to. View the complete list at rdpolytech.ca/admission-requirements.

Group A	Group B	Group C	Group D
Aboriginal Studies 30 English Language Arts (ELA) 30-1 Social Studies 30-1 Language 30 or 35 (other than English)	Art 30 Art 31 Dance 35 Drama 30 Music 35 Performing Arts 35A Note: Other five-credit Fine Arts and/or Advanced Level CTS courses may be considered.	Biology 30 Chemistry 30 Mathematics 30-1 or 30-2 Mathematics 31 Physics 30 Science 30 Five-credits of Advanced Level Computer Science (CSE)	Five credits of course work at the 30, 33 or 35 level Two three-credit subjects at the 30 level (excluding Special Projects) Note: Some courses can be considered Group D subjects if a higher level of the same subject has not fulfilled a Group A, B or C admission requirement (ie. French Language Arts 30-2, Social Studies 30-2, Mathematics 30 Applied).

Program Name	Type & Length	Admission Requirements	Related Careers
Arts Programs			
Bachelor of Arts			
<i>Anthropology</i>	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 A, B or C A or C A or C A or C Or mature students* must have a minimum overall average of 60% in: ELA 30-1 A, B or C	Advertising Government and Civil Service Research Administration Law Enforcement and Corrections Counselling Industrial Relations International Relations Public Relations Management Radio and Television Journalism Urban Planning Publishing and Printing Languages and Linguistics Armed Forces Writing Consulting Social Services Museum Curation Artist/ Illustrator
<i>Communication Studies</i>	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 A, B or C A or C A or C A or C Or mature students* must have a minimum overall average of 60% in: ELA 30-1 A, B or C	Advertising Counselling Industrial Relations Public Relations Management Radio and Television Publishing and Printing Journalism Languages and Linguistics Writing Consulting Social Services Government and Civil Service International Relations Banking and Finance Research Investment Dealing Administration Law Enforcement and Corrections Real Estate Recreation Armed Forces Insurance Urban Planning
<i>Economics</i>	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 A, B or C A or C A or C A or C Or mature students* must have a minimum overall average of 60% in: ELA 30-1 A, B or C Math 30-1 is recommended as it is a prerequisite for some required Economics courses.	Securities Broker Commodities Broker Financial Manager Insurance Agent Banker Credit Analyst Investment Analyst Researcher Auditor Sales Representative Real Estate Agent Financial Planner Government Policy Analyst Economic Development Officer
<i>English</i>	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 A, B or C A or C A or C A or C Or mature students* must have a minimum overall average of 60% in: ELA 30-1 A, B or C	Journalism Publishing & Printing Languages and Linguistics Writing Consulting Advertising Government and Civil Service Research Administration Public Relations Management Radio and Television
<i>General</i>	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 A, B or C A or C A or C A or C Or mature students* must have a minimum overall average of 60% in: ELA 30-1 A, B or C	Bachelor of Arts degrees are integral to and support a variety of disciplines and careers. As such, graduates play a critical role in contributing to Canada's knowledge-based economy across numerous sectors: health, human services, business, politics, industry and education.
<i>History</i>	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 A, B or C A or C A or C A or C Or mature students* must have a minimum overall average of 60% in: ELA 30-1 A, B or C	Writing Consulting Museum Archivist Advertising Government and Civil Service Research Administration Law Enforcement and Corrections Public Relations Management Radio and Television Recreation Journalism Urban Planning Publishing & Printing Armed Forces
<i>Philosophy</i>	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 A, B or C A or C A or C A or C Or mature students* must have a minimum overall average of 60% in: ELA 30-1 A, B or C	Ethics Practitioner (Hospital, Business) Administration Government and Civil Service Research Management Journalism Publishing Computing and Information Technology

Arts programs continue →

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Program Name	Type & Length	Admission Requirements	Related Careers
<i>Political Science</i>	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 A, B or C A or C A or C A or C Or mature students* must have a minimum overall average of 60% in: ELA 30-1 A, B or C	Law Government and Civil Service Radio and Television Education Research Journalism Armed Forces Consulting Industrial Relations Law Enforcement and Corrections Urban Planning Banking and Finance Social Services Administration Recreation Investment Dealing Advertising Public Relations Management Counselling Real Estate Insurance Publishing and Printing Languages and Linguistics Writing
<i>Psychology</i>	Four-year Bachelor's Degree. Complete all four years at Red Deer Polytechnic! Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 or 30-2 A, B, C or D	Counselling Social Services Advertising Government and Civil Service Research Administration Law Enforcement and Corrections Industrial Relations Public Relations Management Radio and Television Real Estate Recreation Journalism Insurance Urban Planning Consulting
<i>Sociology</i>	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 A, B or C A or C A or C A or C Or mature students* must have a minimum overall average of 60% in: ELA 30-1 A, B or C	Research Urban Planning Social Services Government and Civil Service Community Development Healthcare Services Advertising Administration Criminal Justice system Counselling Industrial Relations Public Relations Management Radio and Television Recreation Journalism Consulting
Justice Studies Diploma	Two-year Diploma. Full-time.	Minimum grade of 60% in: ELA 30-1 A Pre-Admission introduction module required after applying. Police Information Check may be required for practicum purposes.	Policing (e.g. RCMP, Municipal Police Officer) Probation Officer Youth Justice Crime Prevention Border Services Corrections Fish and Wildlife Officer Investigations Legal Services Court Clerk Railway/ Transit Police Criminal Analyst Bylaw Officer Community Peace Officer Private Investigator Victims Services Advocate Security
Social Work Diploma	Two-year Diploma. Full-time or part-time.	Minimum grade of 50% in: ELA 30-1 or 30-2 Social 30-1 and a High School Diploma Or mature students* must have a minimum grade of 50% in: ELA 30-1 or 30-2 Or successful completion of the entrance exam. Proof of volunteer/employment experience, references, personal questionnaire and an interview are required after applying. Police Information Check may be required for practicum purposes. ELA 30-1 is required for most Bachelor of Social Work degrees.	Social Worker Upon completion of the Social Work Diploma Program, graduates are eligible to apply for registration with the Alberta College of Social Workers.
University Arts Diploma	Two-year Diploma. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 A, B or C A or C A or C A or C	Non-profit and NGO sectors Sales Banking Office Administrator or Administrative work

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Business Programs			
Administrative Professional Certificate	One-year Certificate Full-time or part-time.	Minimum grade of 50% in ELA 30-1 Or a minimum grade of 65% in ELA 30-2 Or successful completion of the entrance exam Police Information Check may be required for practicum purposes.	Administrative Assistant Administrative/HR and Payroll Assistant Customer Relations Representative Data Entry Technician Finance & Operations Clerk Customer Relations Representative Office Receptionist Accounting Assistant Processing Clerk
Aviation Management Certificate	One-year Certificate issued by Red Deer Polytechnic. Sky Wings to issue aviation credential. Full-time.	In collaboration with Sky Wings Aviation Academy, complete your Management Certificate at Red Deer Polytechnic while working towards your Aviation Diploma at Sky Wings Aviation Academy. Must apply through Sky Wings (skywings.com).	Commercial/Airline Pilot Airline Management Airport Management Airport Planning Flight Dispatch
Bachelor of Business Administration	Four-year Bachelor's Degree. Complete all four years at Red Deer Polytechnic in collaboration with Mount Royal University! Full-time or part-time.	Must have a Red Deer Polytechnic Business Administration Diploma or University Transfer Studies Diploma with a minimum of 10 core courses (subject to transfer credit assessment) in order to gain admission to year three of the program. First year students are encouraged to apply for admission to the Management Certificate or Business Administration Diploma programs, which lead to admission to the third year of this program.	Communications and Marketing Coordinator Facilitator of Teams and Culture Financial Advisor Hockey Operations/Education Advisor Junior Accountant
Bachelor of Commerce	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1	Community Planner Economic Development Officer Banking/Investment Manager Human Resources Professional Sustainability Specialist
Business Administration Diploma	Two-year Diploma. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Or a minimum overall average of 62.5% in: ELA 30-1 Math 30-2 Or ELA 30-2 Math 30-1 Or a minimum overall average of 65% in: ELA 30-2 Math 30-2 Or successful completion of Red Deer Polytechnic's Management Certificate	Accounts Payable Clerk Accounting Technician Human Resource Generalist Mobile Banking Specialist Financial Advisor Mortgage Broker Marketing and Communications Assistant
Health Care Management Post-Diploma Certificate	16-month Post-Diploma Certificate. Part-time.	Must have a post-secondary diploma or undergraduate degree in a health-related field.	Site Manager Office Manager in a Health Care Setting Service Administrator Government Manager in Health and Program Administration Health Information Management Professional Team Lead, Board Chair
Human Resources Management Graduate Certificate	16-month Post-Diploma Certificate. Part-time.	Must have a post-secondary undergraduate degree.	Human Resource Advisor Human Resources Coordinator Office Manager Recruitment Specialist/Officer Workforce Planning Specialist Benefits Administrator Human Resources and Health & Safety Coordinator Human Resources Business Partner Trainer

Business programs continue →

Program Name	Type & Length	Admission Requirements	Related Careers
Legal Assistant Diploma	Two-year Diploma. Full-time.	Minimum grade of 50% in ELA 30-1 Or a minimum grade of 65% in ELA 30-2 Or successful completion of the entrance exam Police Information Check may be required for practicum purposes.	Law Firms, Courthouses, Justice Departments, Crown Prosecutors Office Corporate Legal Departments Real Estate and Insurance Companies Land Titles Collection Agencies Municipal Government
Management Certificate	One-year Certificate. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Or a minimum overall average of 62.5% in: ELA 30-1 Math 30-2 Or ELA 30-2 Math 30-1 Or a minimum overall average of 65% in: ELA 30-2 Math 30-2 Or successful completion of the entrance exam.	Retail Store Supervisor Property Management Assistant Food and Beverage Service Supervisor Records Management Technician Event Planner Small Business Owner
Creative Arts Programs			
Bachelor of Applied Arts in Animation and Visual Effects	Four-year Applied Degree. Complete all four years at Red Deer Polytechnic! Full-time.	Minimum grade of 60% in ELA 30-1 Minimum grade of 50% in a Group A, B or C course Must complete a Career Investigation Report after applying. This report is used to determine admission.	3D Animator FX Artist Composer Rotoscope Artist Matchmoving Artist Layout Artist Modellers Rigging Visual Effects Artist Storyboard Artist Shading/Texture Artist Lighting Technical Director Previs Artist Visual Effects Supervisor Storyboard Artist Educator
Bachelor of Applied Arts in Film, Theatre and Live Entertainment – Film Production	Four-year Applied Degree. Complete all four years at Red Deer Polytechnic! Full-time.	Minimum grade of 60% in ELA 30-1 Minimum grade of 50% in Group A, B, C or a 5-credit Advanced CTS course. Must submit additional documentation and complete a successful interview after applying.	Film/Theatre/Television Actor Scriptwriter Producer Director Cinematographer Camera Operator Set/Costume/Lighting Designer Sound Recordist/Engineer Picture/Sound Editor Production/Stage Manager Script Supervisor Stage Carpenter/Grip Lighting Technician/Gaffer Special Effects Technician Wardrobe Supervisor Set Decorator/Scenic Painter Property Master Technical Director Location Manager
Bachelor of Fine Art	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 or 30-2 A, B or C Depending upon the transfer destination, students who enter the program with ELA 30-2 may have to upgrade to ELA 30-1 and may not complete the program in four terms.	Studio artist Illustrator Exhibit designer Curator Photographer Historian Ceramicist Art Educator Advertiser Architect Designer (product, costume, set, textile, industrial, graphic, lighting, environmental, etc.) Instructor Special effects artist
Visual Art Diploma	Two-year Diploma. Full-time or part-time.	Minimum grade of 50% in ELA 30-1 or 30-2 Or successful completion of the entrance exam.	Studio artist Illustrator Exhibit designer Curator Photographer Historian Art Educator Ceramicist Advertiser Architect Designer (product, costume, set, textile, industrial, graphic, lighting, environmental, etc.) Instructor Special effects artist

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Education Programs			
Bachelor of Education			
<i>Elementary</i>	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 A, B or C Math 30-1 or 30-2 is not required for admission though it is a mandatory prerequisite for a required Math course in the University of Alberta degree.	Elementary, Middle or Secondary School Teacher Teacher in the kindergarten to grade 12 system Education Technology Developer Educational Counsellor Principal School Administrator
<i>Middle Years</i>	Four-year Bachelor's Degree. Complete all four years at Red Deer Polytechnic in collaboration with the University of Alberta! Full-time.	Must have 20 specific courses and a competitive GPA to gain admission to year three of the program. Admission is determined by the University of Alberta. Students interested in pursuing the Middle Years program should apply to the Bachelor of Education – Elementary program.	
<i>Secondary</i>	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 A, B or C	
Bachelor of Education and Science	Four-year combined Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30 A, B or C Or mature students* must have a minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30 Phys 30 is recommended.	Secondary School Teacher with a focus in science Teacher in the kindergarten to grade 12 system Corporate Trainer Recreation Director Principal School Administrator
Early Learning and Child Care Certificate	One-year Certificate. Full-time or part-time.	Minimum grade of 50% in ELA 30-1 Or a minimum grade of 65% in ELA 30-2 Or successful completion of the entrance exam Or previous completion of three college-level courses with a minimum GPA of 2.0 Police Information Check may be required for practicum purposes.	Early childhood caregivers in child care programs Instructional assistants in kindergarten programs and primary grades Teachers in a nursery school Caregivers in school-age care programs Family day home providers
Early Learning and Child Care Diploma	Two-year Diploma. Full-time or part-time.	Minimum grade of 50% in ELA 30-1 Or a minimum grade of 65% in ELA 30-2 Or successful completion of the entrance exam Or previous completion of three college-level courses with a minimum GPA of 2.0 Or successful completion of an Early Learning and Child Care Certificate with a minimum GPA of 1.7 or consent of the Associate Dean. Police Information Check may be required for practicum purposes.	Early childhood caregivers in child care programs Instructional assistants in kindergarten programs and primary grades Teachers in a nursery school Caregivers in school-age care programs Family day home providers Day care directors and administrators Family support workers/visitors Family support workers/visitors Child care program coordinators (in a women's shelter, for instance) Family support workers Instructional assistants to children with special needs in preschool or school programs

Education programs continue →

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Program Name	Type & Length	Admission Requirements	Related Careers
Educational Assistant Certificate	One-year Certificate. Full-time or part-time.	Minimum grade of 50% in ELA 30-1 Or a minimum grade of 65% in ELA 30-2 Or successful completion of the entrance exam Or previous completion of three college-level courses with a minimum GPA of 2.0 Police Information Check may be required for practicum purposes.	Educational assistants at all levels in the K-12 education system Respite care Child and youth care Community disability programs Both full- and part-time jobs are available, with salaries varying widely across the province. See the school board in the area you plan to seek work for contract details. There is an increased demand for assistants to work with students with special needs. Library assistants Playground and lunch room supervisors
Engineering & Technology Programs			
Bachelor of Science in Engineering	Four-year Bachelor's Degree. Complete year 1 at Red Deer Polytechnic. Full-time.	Minimum overall average of 65% in: ELA 30-1 Math 30-1 Math 31 Chem 30 Phys 30 Must have a minimum grade of 60% in Math 30-1 and Math 31. Applicants with 60-79% will complete a mandatory math preparation course prior to starting the program.	Mechanical Engineer Civil Engineer Biomedical Engineer Computer/Software Engineer Electrical Engineer Environmental Engineer Petroleum Engineer Chemical Engineer Mining Engineer Materials Engineer Aviation/Aerospace Engineer
Electrical Engineering Technology Diploma	Two-year Diploma. Full-time.	Minimum overall average of 65% in: ELA 30-1 or 30-2 Math 30-1 Phys 20 One of: Chem 30, Phys 30 or Math 31	Electrical Engineering Technologist Design Technologist, Electrical
Instrumentation Engineering Technology Diploma	Two-year Diploma. Full-time.	Minimum overall average of 65% in: ELA 30-1 or 30-2 Math 30-1 Phys 20 Chem 20 One of: Chem 30, Phys 30 or Math 31	Instrumentation Engineering Technologist Industrial Instrumentation Technologist Design Technologist, Instrumentation Automated Systems Technologist Manufacturing Engineering Technologist Robotics Technologist Instrument and Control Specialist Instrumentation Consultant Process Control System Technologist Automation Specialist
Mechanical Engineering Technology Diploma	Two-year Diploma. Full-time.	Minimum overall average of 65% in: ELA 30-1 or 30-2 Math 30-1 Phys 20 One of: Chem 30, Phys 30 or Math 31	Mechanical Engineering Technologists Design Technologist, Mechanical Automated Systems Technologist Manufacturing Engineering Technologist Robotics Technologist Mechanical Design Technologist
Health Sciences Programs			
Bachelor of Kinesiology and Sports Studies	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Bio 30 A or C A or C One of: B, C or a 5-credit PE 30 or REC Advanced CTS Only one language other than English is accepted for admission purposes.	Kinesiologist Coach Sports Program Supervisor Fitness Programmer Personal Trainer Recreation Therapist Occupational and Physiotherapist Civic and recreation departments Healthcare Agencies
Bachelor of Science in Nursing	Four-year Bachelor's Degree. Complete all four years at Red Deer Polytechnic in collaboration with the University of Alberta! Full-time.	Minimum overall average of 65% in: ELA 30-1 Math 30-1 or 30-2 Bio 30 Chem 30 or Science 30 A, B or C Admission is offered on a competitive basis based on GPA ranking. CASPer test required. Health and safety requirements include but are not limited to a record of immunizations and a Police Information Check. More details available at: rdpolytech.ca/hsrequirements .	Registered Nurse Mental Health Worker Surgical Nurse Acute Care Coordinator Personal Trainer Substance Abuse Counsellor

Health Sciences programs continue →

Program Name	Type & Length	Admission Requirements	Related Careers
Health Care Aide	Eight-month Certificate. Full-time.	Minimum grade of 55% in ELA 30-1 or 30-2 Or a minimum grade of 60% in ELA 20-1 or 20-2 Or successful completion of the entrance exam. Health and safety requirements include but are not limited to a record of immunizations and a Police Information Check. More details available at rdpolytech.ca/hsrequirements .	Health Care Aides work under the direct or indirect supervision of a regulated health professional, such as a nurse, in a variety of settings including: Home care, assisted living facilities, and long-term care.
Kinesiology and Sports Studies Diploma – Fitness and Health Promotion	Two-year Diploma. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Bio 30 A or C A or C One of: B, C or a 5-credit PE 30 or REC Advanced CTS Only one language other than English is accepted for admission purposes.	Kinesiologist Coach Sports Program Supervisor Fitness Programmer Personal Trainer Recreation Therapist Occupational and Physiotherapist Civic and recreation departments Healthcare Agencies
Medical Laboratory Assistant Certificate	One-year Certificate. Full-time.	Minimum overall average of 60% in: ELA 30-1 or 30-2 Math 20-2 or 10C Bio 30 Chem 20 Or successful completion of Red Deer Polytechnic's Pre-Health Sciences Certificate and a minimum grade of 50% in Chem 20. Site tour, keyboard tests and basic computer literacy exam required for admission. Health and safety requirements include but are not limited to a record of immunizations and a Police Information Check. More details available at rdpolytech.ca/hsrequirements .	Medical Laboratory Assistant Graduates will attain all the specified MLA competencies that are outlined by the Canadian Society of Medical Laboratory Science (CSMLS). They will be eligible to write the CSMLS MLA exam and obtain national certification.
Occupational and Physical Therapist Assistant Diploma	Two-year Diploma. Full-time.	Minimum grade of 60% in ELA 30-1 Minimum grade of 60% in Bio 30 Minimum grade of 50% in one of: Math 30-1, 30-2, 30 Applied or a 30-level science course Or successful completion of Red Deer Polytechnic's Pre-Health Sciences Certificate and a minimum grade of 60% in ELA 30-1. Pre-admission module required after applying. Health and safety requirements include but are not limited to a record of immunizations and a Police Information Check. More details available at rdpolytech.ca/hsrequirements .	Occupational Therapist Assistant Physiotherapist Assistant Recreation Therapy Aide Rehabilitation Assistant
Pharmacy Technician Diploma	Two-year Diploma. Full-time.	Minimum overall average of 60% in: ELA 30-1 or 30-2 Math 30-1 or 30-2 Bio 30 Chem 20 and a High School Diploma or GED Or successful completion of Red Deer Polytechnic's Pre-Health Sciences Certificate and a minimum grade of 50% in Chem 20 and a High School Diploma or GED. Admission is offered on a competitive basis based on GPA ranking. Health and safety requirements include but are not limited to a record of immunizations and a Police Information Check. More details available at rdpolytech.ca/hsrequirements .	Pharmacy Technician This program prepares the graduate to become a Registered Pharmacy Technician (RPhT) following graduation and successful completion of the Pharmacy Examining Board of Canada (PEBC) certification process and the Alberta College of Pharmacists (ACP) registration process.

Health Sciences programs continue →

Program Name	Type & Length	Admission Requirements	Related Careers
Practical Nurse Diploma	Two-year Diploma. Full-time.	Minimum grade of 60% in ELA 30-1 Minimum grade of 60% in Bio 30 One of: A minimum grade of 50% in Math 30-1 or 30-2 or 60% in Math 30 Applied or 20-1 or 70% in Math 20-2 Or successful completion of Red Deer Polytechnic's Pre-Health Sciences Certificate and a minimum grade of 60% in ELA 30-1. Admission is offered on a competitive basis based on GPA ranking. Health and safety requirements include but are not limited to a record of immunizations and a Police Information Check. More details available at rdpolytech.ca/hsrequirements .	Licensed Practical Nurse Crisis Counsellor Health Educator Surgical Nurse Critical Care Nurse
Pre-Health Sciences Certificate	One-year Certificate. Full-time.	Minimum grade of 50% in ELA 30-1 or 30-2 Minimum grade of 50% in Bio 20 One of: A minimum grade of 50% in Math 30-1, 30-2, 30 Applied, 20-1, 20-2, 20 Applied or 65% in Math 10 C	This certificate does not lead directly to employment. However, graduates of the Pre-Health Sciences Certificate program will have had learning experiences to equip them to make informed decisions about which health-related career they would like to pursue and the opportunity to appraise their own interest in and suitability for a career in health and wellness. Upon successful completion of the program, they may have earned some post-secondary credit and will possess the Mathematics and Biology admission requirements to be eligible to apply for a high demand RDC health-related certificate or diploma program.
Science Programs			
Bachelor of Science			
<i>Agricultural Food Business Management</i>	Four-year Bachelor's Degree. Complete year 1 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30 A, B, C or D Or mature students* must have a minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30	Agrologist Environmental Consultant Food Marketing Manager Food Operations Manager Food Processor Consultant
<i>Agriculture</i>	Four-year Bachelor's Degree. Complete year 1 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30 A, B, C or D Or mature students* must have a minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30	Agrologist Animal Scientist Environmental Consultant Plant Scientist Soil Scientist Land Use Planner
<i>Biochemistry</i>	Four-year Bachelor's Degree. Complete year 1 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30 Phys 30	Biochemist Geneticist Immunologist Pharmaceutical Researcher Research Scientist
<i>Biological Sciences</i>	Four-year Bachelor's Degree. Complete all four years at Red Deer Polytechnic! Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30	Biologist Forensic Laboratory Analyst Microbiologist Research Scientist Zoologist

Science programs continue →

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<i>Chemistry</i>	Four-year Bachelor's Degree. Complete year 1 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Chem 30 Phys 30 A, B or C Or mature students* must have a minimum overall average of 60% in: ELA 30-1 Math 30-1 Chem 30 Phys 30	Chemist Chemical Analyst Forensic Scientist Medical Researcher Pharmaceutical Researcher
<i>Environmental and Conservation Sciences</i>	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30 A, B, C or D Or mature students* must have a minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30	Environmental Consultant Environmental Impact Assessor Land Reclamation Specialist Land Use Planner Soil Scientist
<i>Forestry</i>	Four-year Bachelor's Degree. Complete year 1 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30 A, B, C or D Or mature students* must have a minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30	Silviculture Reforestation Forest tree improvement Forest management Fire control Forest research
<i>General</i>	Four-year Bachelor's Degree. Complete years 1-2 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 A, B or C Two of: Bio 30, Chem 30, Math 31, Phys 30 Or mature students* must have a minimum overall average of 60% in: ELA 30-1 Math 30-1 Two of: Bio 30, Chem 30, Math 31, Phys 30	A degree in Bachelor of Science is extremely versatile, allowing students the ability to pursue many careers in almost any field. BSc Graduates will have superior skills in such things as scientific reasoning, data analysis and interpretation, hands-on laboratory skills, and research acumen. BSc graduates will be integral to advancing scientific knowledge, evolving many existing careers, and identifying new areas of work that currently do not exist.
<i>Human Ecology</i>	Four-year Bachelor's Degree. Complete year 1 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 or 30-2 Bio 30 or Chem 30 A or C A, B, C or D Or mature students* must have a minimum overall average of 60% in: ELA 30-1 Math 30-1 or 30-2 Bio 30 or Chem 30 Chem 30 is recommended for those majoring in the science aspects of Clothing and Textiles.	Fashion and textile design Functional clothing design (military, sportswear) Textile testing, textile science and quality control Museum conservation and curatorship Fashion business management Fashion media Interior design Family Ecology
<i>Mathematics or Statistics or Math and Economics</i>	Four-year Bachelor's Degree. Complete year 1 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Math 31 A or C One of: Bio 30, Chem 30, Phys 30, or a 5-credit Computing Science Advanced CSE Or mature students* must have a minimum overall average of 60% in: ELA 30-1 Math 30-1 Math 31 One of: Bio 30, Chem 30, Phys 30, or a 5-credit Computing Science Advanced CSE	Actuary Numerical Analyst Operations Researcher Risk Analyst Statistician
<i>Nutrition and Food Science</i>	Four-year Bachelor's Degree. Complete year 1 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30 One of: A, B, C, Macroeconomics 30, Microeconomics 30, or a 5-credit Advanced CTS in Agriculture, Community Health, Foods, Forestry or Wildlife Or mature students* must have a minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30	Food Market Researcher Food Quality Assurance Officer Nutrition/Food Science Researcher Nutritional Consultant Registered Dietitian

Science programs continue →

Program Name	Type & Length	Admission Requirements	Related Careers
<i>Physics or Geophysics</i>	Four-year Bachelor's Degree. Complete year 1 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Chem 30 Phys 30 A, B or C Or mature students* must have a minimum overall average of 60% in: ELA 30-1 Math 30-1 Chem 30 Phys 30	Geophysicist Astronomer Game Design Physicist Research Scientist Risk Surveyor
<i>Physiology</i>	Four-year Bachelor's Degree. Complete year 1 at Red Deer Polytechnic. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30 Phys 30	Physiologist Clinical Biochemist Geneticist Pharmaceutical Researcher Research Scientist
<i>Pre-Professional Programs</i>	Complete years 1-4 at Red Deer Polytechnic. Full-time or part-time.	If you are interested in pursuing a professional program such as Chiropractic, Dental Hygiene, Dentistry, Medicine, Pharmacy or Veterinary Medicine you can begin your educational journey at Red Deer Polytechnic. It is recommended you apply to an undergraduate degree program as this is often an admission requirement for professional programs. Contact an Academic Advisor to discuss which undergraduate degree program is right for you.	Pre-Professional programs are designed to meet the admission requirements of professional schools (such as medicine, dentistry, veterinary medicine, pharmacy, optometry, and chiropractic medicine)
<i>Psychology</i>	Four-year Bachelor's Degree. Complete all four years at Red Deer Polytechnic! Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30	Psychologist (after further graduate level study) Addictions Counsellor Administration Career/ Employment Counsellor Case Worker Child Care Worker Child Welfare Worker Community Worker Counsellor Cultural Diversity Consultant Customs or Immigration Agent Educational Counsellor Gerontology Government Researcher Human Resources Immigration Officer Labour Relations Specialist Manager Market Research Analyst Marketing Mental Health Worker Recreation Specialist Research Assistant Social Services Social Worker Teaching Technical Writer Travel Agent Youth Worker
University Sciences Diploma	Two-year Diploma. Full-time or part-time.	Minimum overall average of 60% in: ELA 30-1 Math 30-1 Bio 30 Chem 30	Entry level positions in health, energy, agriculture, forestry, industry, and education
Other Studies			
Academic Upgrading	Program length varies. Ability to obtain a High School Equivalency Diploma. Full-time or part-time.	No formal admission requirements. Placement assessment will occur after applying.	Why choose Academic Upgrading? Within Red Deer Polytechnic's Academic Upgrading program you can enrol in high school level equivalency courses in order to obtain your High School Equivalency Diploma, to take the high school courses you never previously completed, or to improve upon previously obtained high school course grades
Open Studies	Program length varies. No credential provided. Full-time or part-time.	Minimum grade of 50% in ELA 30-1 or 30-2	Why choose Open Studies? Red Deer Polytechnic's Open Studies program is the perfect fit for individuals who know that post-secondary is the route for them, but aren't ready to choose a program yet. Try on courses in a variety of subject areas as you determine what your next step might be. Open Studies is also a great starting point for students who do not meet the admission requirements for their goal program or who need to increase their GPA. Speak with an Academic Advisor today to see if Open Studies can help you on your path to your goal program!

*Mature students are 19 years or older and out of high school for one year.
Program information is subject to change after printing. Please refer to rdpolytech.ca/academic-calendar for approved changes.

Program Name	Type & Length	Category
Trades		
<p>Each year of an apprenticeship program requires a combination of on-the-job training with an employer and technical training at Red Deer Polytechnic. How to become an apprentice:</p> <ol style="list-style-type: none"> 1. Find an employer to hire you as an apprentice. 2. Complete Apprenticeship and Industry Training's Apprenticeship Application and Contract. 3. Once you are eligible, register for your technical training period with Red Deer Polytechnic. <p>For more information, visit tradesecrets.alberta.ca</p>		
Carpenter	Four-year apprenticeship. Eight weeks of full-time technical training each year.	<p>Category A Minimum Entrance Requirements: A minimum grade of 50% in: ELA 10-2 Math 10-3 Or a pass on all five Canadian GED tests Or successful completion of AIT's entrance exam Recommended Path: Alberta High School Diploma including a minimum grade of 50% in: ELA 30-2 Math 30-3 One of: Phys 20, Chem 20 or Science 20 Related Career and Technology Studies (CTS) courses</p>
Cook	Three-year apprenticeship. Ten months of part-time technical training.	
Locksmith	Three-year apprenticeship. Ten months of part-time technical training.	
Parts Technician	Three-year apprenticeship. Six to eight weeks of full-time or ten months of part-time technical training/year	
Materials Technician	Three-year apprenticeship. Complete years 1 and 3 at Red Deer Polytechnic. Six to eight weeks of full-time or ten months of part-time technical training/year.	
Water Well Driller	Two-year apprenticeship. Six weeks of full-time technical training each year.	
Welder	Three-year apprenticeship. Eight weeks of full-time technical training each year.	

Trades programs continue →

Agricultural Equipment Technician	Four-year apprenticeship. Complete years 2 and 4 at Red Deer Polytechnic. Eight weeks of full-time technical training each year.	<p>Category B Minimum Entrance Requirements: A minimum grade of 50% in: ELA 20-2 Math 20-3 Science 10 Or a pass on all five Canadian GED tests Or successful completion of AIT's entrance exam Recommended Path: Alberta High School Diploma including a minimum grade of 50% in: ELA 30-2 Math 30-3 One of: Phys 30, Chem 30 or Science 30 Related Career and Technology Studies (CTS) courses</p>
Automotive Service Technician	Four-year apprenticeship. Eight weeks of full-time technical training each year.	
Electrician	Four-year apprenticeship. Eight weeks of full-time technical training/year for years 1, 2 and 3. 12 weeks training in year 4.	
Gasfitter Class-A	Three-year apprenticeship. Complete year 1 at Red Deer Polytechnic. Eight weeks of full-time technical training.	
Heavy Equipment Technician	Four-year apprenticeship. Eight weeks of full-time technical training each year.	
Industrial Mechanic (Millwright)	Four-year apprenticeship. Eight weeks of full-time technical training each year.	
Plumber	Four-year apprenticeship. Eight weeks of full-time technical training each year.	
Sprinkler Systems Installer	Four-year apprenticeship. Eight weeks of full-time technical training/year for years 1, 2 and 3.	
Steamfitter-Pipefitter	Four-year apprenticeship. Eight weeks of full-time technical training/year for years 1, 2 and 3.	
Instrumentation and Control Technician	Four-year apprenticeship. Eight weeks of full-time technical training/year for years 1 and 2; 10 weeks/year for years 3 and 4.	<p>Category D Completion of an Alberta high school diploma that includes a minimum grade of 50% in ELA 20-2 Math 30-3 Phys 30 Chem 30 Or successful completion of AIT's entrance exam</p>

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