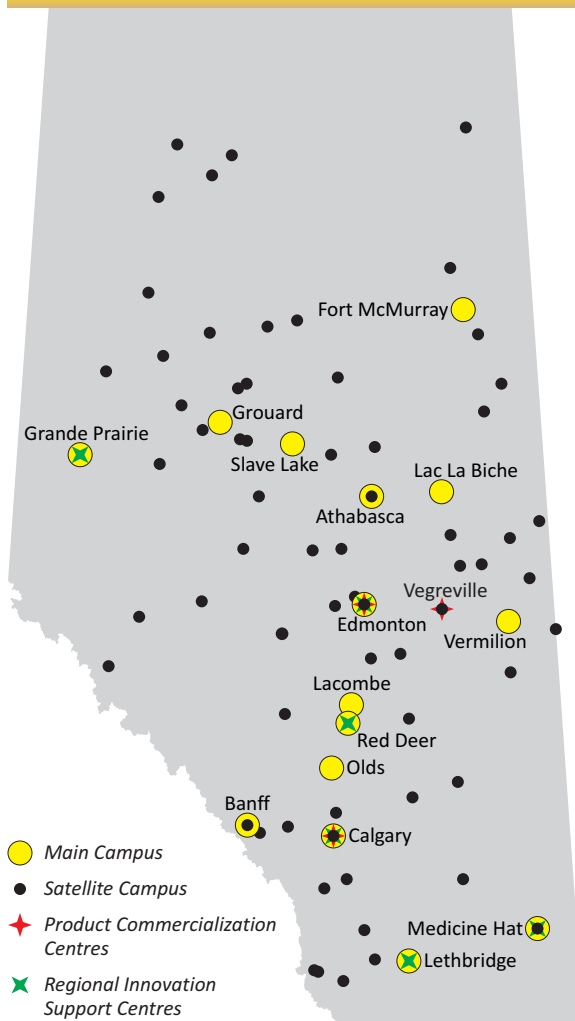


Post-Secondary Institutions & Technology Commercialization Centres



Advanced Education and Technology

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Publicly Funded Post-Secondary Institutions

Sector / Institution	Main Campus	Dept Funding ⁽¹⁾	Learners (2009-10) ⁽²⁾			
		2010-11 Actual (in thousands)	Full-time	Part-time	Total (3)	FLEs (3)
Comprehensive Academic & Research Institutions		\$ 1,450,068	76,277	42,940	119,217	74,523.3
University of Alberta	Edmonton	762,421	36,047	5,284	41,331	33,886.1
University of Calgary	Calgary	541,245	27,301	5,232	32,533	26,024.8
University of Lethbridge	Lethbridge	101,900	7,971	1,137	9,108	6,911.1
Athabasca University	Athabasca	44,502	5,082	33,251	38,333	7,701.3
Baccalaureate & Applied Studies Institutions		206,641	24,129	10,353	34,482	20,827.3
Grant MacEwan University	Edmonton	107,526	12,419	5,960	18,379	11,156.7
Mount Royal University	Calgary	99,115	11,713	4,408	16,121	9,670.6
Polytechnical Institutions		490,719	39,490	14,414	53,904	24,831.4
Northern Alberta Institute of Technology	Edmonton	174,951	22,199	5,346	27,545	13,185.6
Southern Alberta Institute of Technology	Calgary	315,768	17,323	9,104	26,427	11,645.8
Comprehensive Community Institutions		481,332	35,490	21,231	56,721	29,781.2
Bow Valley College	Calgary	100,499	3,391	5,208	8,599	4,463.8
Grande Prairie Regional College	Grande Prairie	45,244	3,150	815	3,965	2,069.3
Keyano College	Fort McMurray	42,723	1,956	910	2,866	1,353.1
Lakeland College	Vermilion	40,407	3,241	4,145	7,386	2,098.8
Lethbridge College	Lethbridge	47,275	5,064	1,553	6,617	4,123.3
Medicine Hat College	Medicine Hat	32,384	3,050	2,200	5,250	2,537.4
NorQuest College	Edmonton	37,970	5,842	2,556	8,398	5,680.7
Northern Lakes College	Grouard/Slave Lake	32,350	1,089	620	1,709	1,059.6
Olds College	Olds	27,870	1,537	927	2,464	1,294.5
Portage College	Lac La Biche	22,161	1,320	1,654	2,974	1,099.3
Red Deer College	Red Deer	52,449	6,166	1,134	7,300	4,001.6
Independent Academic Institutions		23,186	3,418	798	4,216	2,954.1
Ambrose University College	Calgary	2,456	410	165	575	345.8
Canadian University College	Lacombe	2,774	360	116	476	333.0
Concordia University College of Alberta	Edmonton	11,024	1,536	342	1,878	1,336.8
St. Mary's University College	Calgary	2,769	466	106	572	378.5
The King's University College	Edmonton	4,163	646	85	731	560.1
Specialized Arts & Culture Institutions		30,280	4,491	182	4,673	1,544.6
Alberta College of Art & Design	Calgary	12,905	1,137	182	1,319	999.2
The Banff Centre	Banff	17,375	3,354	—	3,354	545.4
Total		\$ 2,682,226	182,300	85,074	267,373	154,461.5

(1) Only includes operating and capital grants provided by the Department; other ministry organizations also provide funding. For more information on funding amounts, see Advanced Education and Technology's 2010-11 Annual Report.
 (2) Student data for 2010-11 was not available at time of publication.

(3) Total unduplicated headcount indicates how many students are enrolled (full-time or part-time) at an institution and may not equal the sum of the institutional totals as learners can attend more than one institution; full-load equivalent (FLE) is a unit of measure in which one FLE represents one student for a year of study taking a full program load.



Facts & Figures

November 2011

Advanced Education and Technology

Advanced Learning & Innovation System

Publicly Funded Institutions	Count
Comprehensive Academic & Research Institutions	4
Baccalaureate & Applied Studies Institutions	2
Polytechnical Institutions	2
Comprehensive Community Institutions	11
Independent Academic Institutions	5
Specialized Arts & Culture Institutions	2
Designated Trades & Occupations	Trades: 50 Occupations: 10
Private Vocational Schools	148
Community Adult Learning Councils	81
Alberta Innovates Corporations	
Alberta Innovates – Bio Solutions	
Alberta Innovates – Energy and Environment Solutions	
Alberta Innovates – Health Solutions	
Alberta Innovates – Technology Futures	

Advanced Learning & Innovation System Funding & Resources

Program Expenses	(in millions)	2011-12 Budget
Support for Adult Learning		\$ 2,428
Post-Secondary Facilities Infrastructure		251
Research & Innovation Capacity		141
Technology Commercialization		120
Apprenticeship Delivery		38
Ministry Support		31
Total Ministry Budget		\$ 3,009

Investment in Research and Innovation

Research Revenue Attracted by Alberta Institutions	Universities ⁽¹⁾	\$818.5M	\$27M increase from 2008-09	2009-10
	Technical Institutes & Colleges ⁽²⁾	\$14.6M	\$1.2M increase from 2008-09	
Graduate Students	Total	20,246	8% of all learners	2009-10
	in Priority Areas (life sciences, energy, nanotechnology, ICT)	6,809	34% of graduate students	
International Visa Graduate Students		3,742	18% of graduate students	2009-10
Government of Alberta Expenditures on Scientific Activities		\$604 M	2% of budget expenditures	2009-10
Alberta Business Expenditures on Research & Development		\$1,539 M	5% increase from 2007	2008

Technology Commercialization

Canadian Venture Capital Invested in Alberta	6.7%	ranked 4 th nationally	2010
Knowledge-Intensive Companies in Alberta	15,959	11% of all companies	2010
Albertans Employed in Knowledge-Intensive Companies	134,100	7% of Albertans employed in all companies	2010

Affordability of the Learning System

Average Undergraduate Tuition Fees for Full-Time Canadian Learners	Alberta	\$5,662	3% increase from 2010-11	2011-12
	Canada	\$5,366	4% increase from 2010-11	
Average Education-Related Debt Reported by Graduates ⁽³⁾	Doctoral Degree	\$26,808		2009-10
	Master's Degree	\$19,283		
	Applied & Baccalaureate Degree	\$23,188		
	Diploma	\$13,631		
	Certificate	\$8,592		
Full-Time Learners Receiving Financial Assistance		52,866	14% increase from 2009-10	2010-11
Scholarship Recipients		36,344	total \$70M	2010-11
Scholarship Dollars per Full-Time Learner		\$399		2009-10
Ratio of Total Debt at Graduation to Income Two Years after Graduation ⁽³⁾		36%		2009-10
Graduates who Agree their Program was Worth the Financial Cost ⁽³⁾		86%		2009-10

Access and Participation in Learning Opportunities

Total Learners in Publicly Funded Post-Secondary Programs	267,373	1% increase from 2008-09	2009-10
Aboriginal Learners in Publicly Funded Post-Secondary Programs	8,254	3% of all learners	2009-10
Apprenticeship Registrations	63,029	15,199 new registrations	2010
Aboriginal Learners Participating in Apprenticeship	2,528	4% of all apprentices	2010
International Visa Learners Studying in Alberta	12,614	7% increase from 2008-09	2009-10
High School to Post-Secondary Transition Rate of Learners within 10 Years of Entering Grade 10	69%		2009-10
% of Albertans 18-34 Participating in Post-Secondary Education	18%	24% nationally	2010
Percentage of Transfers where Post-Secondary Graduates with Prior Learning Received the Transfer Credit they Expected	88%		2009-10
Learner Mobility Rate between Public Post-Secondary Institutions in Alberta	5.9%	total of 16,140 learners	2009-10
Public Satisfaction that Albertans can Access Education/Training	78%	3% increase from 2009-10	2010-11
Adult English as a Second Language Program Participants	Adults Tutored	867	2010
	Course Registrants	11,431	
Adult Literacy Program Participants	Adults Tutored	1,155	2010
	Course Registrants	6,321	
Family Literacy Program Participants	Parents	3,637	2009-10
	Children	4,727	

Quality and Learning Outcomes

Parchments Awarded by Publicly Funded Institutions in Alberta	36,673	highest in Health Sciences	2009-10
% of Albertans 25-64 who Completed a Post-Secondary Credential	62%	63% nationally	2010
Percentage of Learners who Completed their Post-Secondary Program within the Credential Length plus 3 Years	Doctoral Degree	43%	2004-05 – 2010-11
	Master's Degree	78%	2005-06 – 2010-11
	Bachelor Degree	66%	2003-04 – 2010-11
	Diploma	61%	2005-06 – 2010-11
	Certificate	41%	2006-07 – 2010-11
Percentage of First Period Apprenticeship Completers who were Certified in their Trade within 2 Years of the Program Length ⁽⁴⁾	80%	3% increase from 2008-09	2009-10
Graduates' Satisfaction with the Overall Quality of their Educational Experience ⁽³⁾	91%	90%+ for the last 4 years	2009-10
Apprenticeship Graduates' Satisfaction with ⁽⁵⁾	On-the Job Training	91%	2010-11
	Technical Training	93%	
Employment Rate of Albertans Aged 25-34 by Highest Level of Education	Post-Secondary Degree	96%	2010
	Post-Secondary Diploma or Certificate	95%	
	High School	92%	
Median Annual Salary of Graduates ⁽³⁾	Graduate Degree	\$78,000	2009-10
	Undergraduate & Applied Degrees	\$50,000	
	Certificate & Diplomas	\$42,000	

Did You Know?

- ★ The four Alberta Innovates corporations support the Government's goal of making Alberta a greener, more prosperous and healthy province through strategic investment in research and innovation projects.
- ★ Advanced Education and Technology's Research Capacity Program leverages funding from the provincial, federal and private sectors to build capacity at Campus Alberta institutions and maximize investment in research and innovation.
- ★ The number of international visa students in graduate programs in Alberta rose 53% over 5 years to 3,742.
- ★ In 2009, scientists and engineers accounted for 8% of Alberta's labour force, the third highest nationally.
- ★ Since its launch in 2010, the Alberta Innovates Connector Service connected over 1,500 clients (entrepreneurs, researchers, businesses and service providers) with programs, services and expertise throughout Alberta's research and innovation system.
- ★ Alberta's product commercialization centres (TecTerra, Clinexus, Biovantage, Alberta Centre for Advanced MNT Product Development, Biomaterials Development Centre) provide start-up and growth-oriented companies with access to expertise and equipment to advance their products and services to market readiness.
- ★ In 2009-10, the Government of Alberta covered 63% of a student's educational costs through grant support to institutions for the delivery of credit instruction, the student contributed 21% through tuition and institution fees, and 16% came from other sources.

- ★ In 2010-11, approximately \$70 M in scholarships were awarded to over 36,000 Alberta learners.
- ★ Alberta has about 11% of Canada's labour force; however, industry in Alberta hires and trains more than 20% of the country's apprentices.
- ★ An additional 3,500 qualified applicants received offers of admission to post-secondary programs in 2010 than in the previous year.
- ★ In 2010, 23,411 adults accessed free tutoring services, family and adult literacy programming, and English as a Second Language programming through a province-wide network of community organizations.
- ★ In 2010, the average hourly earnings for a person with a university degree in Alberta was \$31/hour, \$10 more an hour than a person with a high school diploma.
- ★ Since the inception of the Interprovincial Standards Red Seal program over 50 years ago, Alberta has issued 29% of all Red Seals in Canada.

For more information, visit Advanced Education and Technology's website:

aet.alberta.ca/ministry/stats.aspx

(1) Comprehensive Academic and Research Institutions

(2) Baccalaureate and Applied Studies Institutions, Polytechnical Institutions, Comprehensive Community Institutions, Specialized Arts and Culture Institutions

(3) Survey conducted every other year on students 2 years after graduation. 2007-08 graduates were surveyed in 2009-10.

(4) Based on apprentices who completed their first period as early as 2004-05.

(5) Survey conducted every other year. 2009-10 graduates were surveyed in 2010-11.