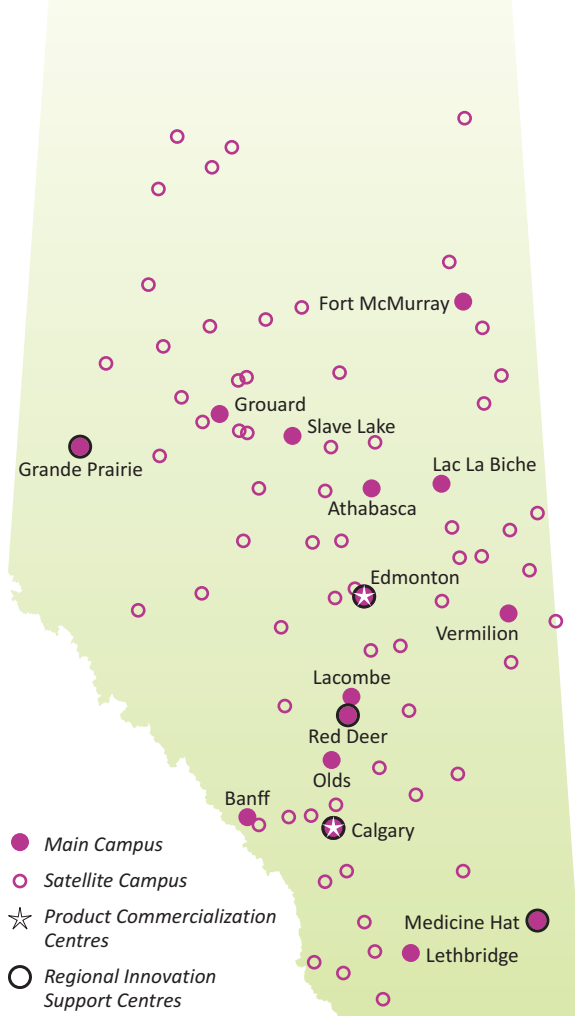


Post-Secondary Institutions & Technology Commercialization Centres



Advanced Education and Technology

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Publicly Funded Post-Secondary Institutions

Sector / Institution	Main Campus	Dept Funding ⁽¹⁾	Students (2008-09) ⁽²⁾			
		2009-10 Actual (in thousands)	Full-time	Part-time	Total (3)	FLEs (3)
Comprehensive Academic & Research Institutions		\$ 1,679,485	72,771	43,516	116,287	71,442
University of Alberta	Edmonton	903,196	34,884	5,361	40,245	32,844
University of Calgary	Calgary	625,791	25,374	5,387	30,761	24,384
University of Lethbridge	Lethbridge	101,589	7,737	1,034	8,771	6,689
Athabasca University	Athabasca	48,909	4,895	33,648	38,543	7,526
Baccalaureate & Applied Studies Institutions		201,810	22,251	10,585	32,836	19,177
Grant MacEwan University	Edmonton	107,204	11,334	6,337	17,671	10,221
Mount Royal University	Calgary	94,606	10,921	4,266	15,187	8,956
Polytechnical Institutions		394,596	42,743	15,262	58,005	25,401
Northern Alberta Institute of Technology	Edmonton	177,082	24,211	5,244	29,455	13,583
Southern Alberta Institute of Technology	Calgary	217,514	18,577	10,055	28,632	11,818
Comprehensive Community Institutions		428,717	31,689	22,215	53,904	26,592
Bow Valley College	Calgary	72,825	3,011	5,217	8,228	3,825
Grande Prairie Regional College	Grande Prairie	41,811	1,479	770	2,249	1,290
Keyano College	Fort McMurray	39,442	1,822	836	2,658	1,212
Lakeland College	Vermilion	33,896	3,207	4,506	7,713	2,051
Lethbridge College	Lethbridge	44,065	4,925	1,509	6,434	3,815
Medicine Hat College	Medicine Hat	31,573	2,753	2,502	5,255	2,313
NorQuest College	Edmonton	39,447	4,936	2,472	7,408	5,084
Northern Lakes College	Grouard/Slave Lake	26,821	1,053	681	1,734	1,020
Olds College	Olds	26,652	1,444	1,317	2,761	1,271
Portage College	Lac La Biche	22,785	1,228	1,834	3,062	980
Red Deer College	Red Deer	49,400	6,163	1,106	7,269	3,730
Independent Academic Institutions		24,256	3,267	767	4,034	2,843
Ambrose University College	Calgary	2,495	369	108	477	303
Canadian University College	Lacombe	2,715	307	133	440	285
Concordia University College of Alberta	Edmonton	11,697	1,453	334	1,787	1,298
St. Mary's University College	Calgary	2,765	424	85	509	337
Taylor University College and Seminary ⁽⁴⁾	Edmonton	307	126	32	158	115
The King's University College	Edmonton	4,277	590	88	678	504
Specialized Arts & Culture Institutions		34,189	5,201	220	5,421	1,354
Alberta College of Art + Design	Calgary	13,311	1,104	220	1,324	985
The Banff Centre	Banff	20,878	4,097	—	4,097	369
Total		\$ 2,763,053	176,873	87,418	264,291	146,809

(1) Only includes operating and capital grants provided by the Department; other AET organizations also provide funding. For more information on funding amounts, see Advanced Education and Technology's 2009-10 Annual Report.

(2) Student data for 2009-10 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 the equivalent number of those students if they took a full course load.

(4) As of July 2009, Taylor University College and Seminary ceased baccalaureate programming and changed its name to Taylor College and Seminary. Therefore, it is no longer classified as an Independent Academic Institution.

Facts & Figures

November 2010

Advanced Education and Technology

Advanced Learning & Innovation System

Publicly Funded Institutions	26
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 9
Private Vocational Schools	148
Community Adult Learning Councils	80
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)	2010-11 Budget
Support for Adult Learning		\$ 2,338
Post-Secondary Facilities Infrastructure		572
Research & Innovation Capacity		141
Technology Commercialization		112
Apprenticeship Delivery		34
Ministry Support		30
Total Ministry Budget		\$ 3,227

Investment in Research and Innovation

Research Revenue Attracted by Alberta Institutions	Universities ⁽¹⁾	\$791.2 M	16% increase over 5 years	2008-09
	Technical Institutes & Colleges ⁽²⁾	\$13.4 M	\$6.7M increase from 2007-08	
Graduate Students	Total	18,574		2008-09
	in Priority Areas (life sciences, energy, nanotechnology, ICT)	6,190	33% of graduate students	
International Visa Graduate Students		3,050	26% of international students	2008-09
Government of Alberta Expenditures on Scientific Activities		\$622.7 M	5% growth from 2007-08	2008-09
Alberta Business Expenditures on Research & Development		\$1,178 M		2007

(1) Comprehensive Academic and Research Institutions

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

Technology Commercialization

Canadian Venture Capital Invested in Alberta	7%	1.7% increase from 2008	2009
Active Knowledge-Intensive (High-Tech) Companies in Alberta	16,553	11% of all companies	2009
Albertans Employed in Knowledge-Intensive (High-Tech) Companies	135,900	6.8% of Albertans employed in all companies	2009

Affordability of the Learning System

Average Undergraduate Tuition Fees for Full-Time Canadian Learners	Alberta	\$5,318	1.5% increase from 2009-10	2010-11
	Canada	\$5,138	4% increase from 2009-10	
Average Education-Related Debt Reported by 2007-08 Graduates at Time of Graduation <i>(survey conducted 2 years after graduation)</i>	Doctoral Degree	\$26,808		2009-10
	Master's Degree	\$19,283		
	Applied & Baccalaureate Degree	\$23,188		
	Diploma	\$13,631		
	Certificate	\$8,592		
Full-Time Students Receiving Financial Assistance		46,315		2009-10
Government of Alberta Scholarship Recipients		34,269	received a total of \$71.5 M	2009-10
AET Scholarship Dollars per Full-Time Student		\$406	24% increase from 2007-08	2008-09
Ratio of Total Debt at Graduation to Income Two Years after Graduation		36%		2009-10
Graduates Who Agree their Program was Worth the Financial Cost		86%		2009-10

Access and Participation in Learning Opportunities

Total Learners in Publicly Funded Post-Secondary Programs		264,291		2008-09
Aboriginal Learners in Publicly Funded Post-Secondary Programs		8,355	3% of all learners	2008-09
Apprenticeship Registrations		69,904		2009
Aboriginal Learners Participating in Apprenticeship		2,190	3% of all apprentices	2009
International Visa Learners Studying in Alberta		11,840		2008-09
High School to Post-Secondary Transition Rate of Learners within 10 Years of Entering Grade 10		68%		2008-09
% of Albertans 18-34 Participating in Post-Secondary Education		17%	23% nationally	2009
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		7%	total of 17,741 learners	2008-09
Public Satisfaction that Albertans can Access Education/Training		75%		2009-10
Adult English as a Second Language Program Registrants		9,472	in 959 part-time courses	2009
Adult Literacy Programs	Adults Tutored	1,962	82 more adults than 2008	2009
	Course Registrants	4,133	in 508 part-time courses	
Family Literacy Programs	Parents	3,279		2008-09
	Children	3,821		

Quality and Learning Outcomes

Parchments Awarded by Publicly Funded Institutions in Alberta		35,746	8,330 in Health Sciences	2008-09
Percentage of Learners who Completed their Post-Secondary Programs	Certificate	48%		2008-09
	Diploma	59%		
	Bachelor Degree	63%		
	Masters Degree	77%		
	Doctoral Degree	45%		
Percentage of First Period Apprenticeship Completers who were Certified in their Trade		77%		2008-09
Graduates' Satisfaction with the Overall Quality of their Educational Experience		91%		2009-10
Apprenticeship Graduates' Satisfaction	with On-the-Job Training	92%		2008-09
	with Technical Training	94%		
Employment Rate of Albertans Aged 25-34 by Highest Level of Education	High School	77%		2009
	Post-Secondary Diploma or Certificate	86%		
	Post-Secondary Degree	86%		
Median Annual Salary of 2007-08 Graduates Surveyed Two Years after Graduation	Graduate Degree	\$78,000		2009-10
	Undergraduate & Applied Degrees	\$50,000		
	Certificate & Diplomas	\$42,000		

Did You Know?

★ Alberta's realigned research and innovation system – Alberta Innovates, was launched in January 2010 to build on Alberta's strengths in priority areas and make the province more competitive globally.

★ Nanotechnology contributed an estimated \$800 million to Alberta's GDP in 2007.

★ Alberta's Health Research and Innovation Strategy was announced in August 2010 and will focus investments in health research to generate the greatest benefit for Albertans.

★ In 2008-09, 33% of graduate students in Alberta studied in the priority areas of life sciences, energy, nanotechnology, and information and communications technology.

★ Since it launched in 2009, the Innovation Voucher program has awarded almost \$11 million in services to over 390 companies in 33 communities across the province.

★ In its first nine months of operation, the Alberta Innovates Connector Service worked with 647 clients including entrepreneurs, researchers, businesses and service providers, offering one-window access to Alberta's research and innovation network.

★ In 2008-09, the Alberta government covered an average 64% of a student's educational costs through grant support for the delivery of credit instruction, the student contributed 24% through tuition and institution fees, and 12% came from other sources.

★ Alberta's 2010-11 tuition cap resulted in average undergraduate tuition fees rising only 1.5%, lower than the 4% national average increase.

★ In 2009-10, a record \$71.5 million in scholarships were awarded to 34,269 Alberta learners.

★ In 2009, 61% of Albertans aged 25-64 had completed a post-secondary credential, matching the national average.

★ Alberta has about 11% of Canada's labour force, however, industry in Alberta hires and trains more than 20% of the country's apprentices.

★ Over the last five years, more qualified applicants were accepted at Alberta's post-secondary institutions; Albertan turn-aways decreased by almost 29%.

★ In 2009, 22,667 learners in more than 200 communities across the province participated in community-based adult literacy, family literacy and English as a Second Language programming.

★ In 2008-09, the most common annual salary earned by recently certified journeypersons in Alberta was \$60,000.

★ In 2009, the average hourly earnings for a person with a university degree in Alberta were \$31 per hour compared to \$21 per hour for a person with a high school diploma.

★ Since the inception of the Interprovincial Standards Red Seal program, Alberta has issued 29% of all Red Seal endorsements to Canadian tradespeople, more than any other jurisdiction in Canada.

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

aet.alberta.ca/ministry/stats.aspx