Ministry of
Advanced Education,
Skills and Training

2018/19 – 2020/21
SERVICE PLAN

February 2018
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Minister Accountability Statement

The Ministry of Advanced Education, Skills and Training 2018/19 - 2020/21 Service Plan was prepared under my direction in accordance with the Budget Transparency and Accountability Act. I am accountable for the basis on which the plan has been prepared.

Honourable Melanie Mark
Hli Haykwhl Wií Xsgaak
Minister of Advanced Education, Skills and Training
February 4, 2018
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Purpose of the Ministry

The Ministry of Advanced Education, Skills and Training ensures British Columbians can access affordable, relevant and responsive education and skills training that builds up our province, communities and citizens.

Our Ministry provides leadership and direction for post-secondary education and skills training in British Columbia to ensure citizens from across the province and from every background have opportunities to thrive, succeed and reach their full potential. To make education more affordable and accessible we support learners with a suite of student financial assistance programs and work with post-secondary partners, municipalities, employers, industry, and communities to ensure labour market development programming meets labour market demand across a range of sectors.

The Ministry also provides oversight for the following Crown corporations: the British Columbia Council for International Education (BCCIE) and the Industry Training Authority (ITA).

Strategic Direction and Alignment with Government Priorities

Our Ministry’s work is aligned with Government’s key priorities including fostering true, lasting reconciliation with Indigenous Peoples in British Columbia, making life more affordable, delivering services people count on, and contributing to a strong, sustainable, innovative economy that works for everyone.

As part of a commitment to true, lasting reconciliation with Indigenous Peoples in British Columbia, Government will act on the Truth and Reconciliation Commission (TRC) Calls to Action, and review policies, programs and legislation to bring the principles of the United Nations Declaration on the Rights of Indigenous Peoples (UNDRIP) into action. To support this commitment, our Ministry will collaborate and engage with our Indigenous and post-secondary partners to foster access, inclusion and success in post-secondary education and training.

The Ministry continues to work on key deliverables outlined in the Minister’s 2017/18 Mandate Letter to help deliver on Government’s priorities, as indicated in the following table.

<table>
<thead>
<tr>
<th>Government Priorities</th>
<th>Ministry of Advanced Education, Skills and Training Key Strategies that Align with Government Priorities:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Making life more affordable</td>
<td>• Ensure affordable access to post-secondary education and skills training. (Objective 2.1)</td>
</tr>
<tr>
<td>Delivering the services people count on</td>
<td>• Respond and adapt to the diverse and changing needs of learners. (Objective 2.2)</td>
</tr>
<tr>
<td></td>
<td>• Ensure a high quality and relevant post-secondary education and skills training system that provides the services people count on. (Goal 3)</td>
</tr>
<tr>
<td>A strong, sustainable economy</td>
<td>• Ensure a high quality, relevant post-secondary education and skills training system that provides the services people count on for good-paying jobs and opportunities to reach their full potential. (Goal 3)</td>
</tr>
</tbody>
</table>
Strategic Context

Underlying our Ministry’s work is the premise that accessible, high-quality education and training leading to good paying jobs provides numerous benefits to individuals and lifts up our as society as a whole. By supporting post-secondary education and skills training we ensure citizens have access to the opportunities they need to be productive, creative and innovative. This creates the conditions that produce the future innovators, builders, and shapers of British Columbia’s diversified economy.

A number of factors influence our Ministry's work. These include such things as availability of student housing, access to education and skills training, as well as relevance to the economy and labour market conditions. Our Ministry plays a key role in promoting a collaborative approach to these factors, fostering opportunities for our partners in post-secondary education and skills training to work beyond regional boundaries and contribute to the prosperity and the success of all British Columbians.

The labour market is continually evolving, driven by new technologies, globalization, and demographic changes. This evolution affects the qualifications needed in the workforce. For example, in the years ahead approximately eight out of 10 jobs will require some post-secondary education or training. Of these, 42 per cent will require a diploma, certificate or apprenticeship training, while 36 per cent will require a bachelor’s, graduate or first professional degree and/or significant work experience. Our Ministry works with education and training partners to deliver programs and services that lead to these qualifications. We invest in people by providing a broad range of programs and services that support vulnerable and underrepresented groups, such as current and former youth in government care, Indigenous people, persons with disabilities, and youth and women in the trades.

The final report of the Truth and Reconciliation Commission of Canada contains a number of Calls to Action relevant to post-secondary education and training and notes the important role of education in reconciliation.

Post-secondary students from across the province report difficulties finding affordable housing on and off-campus. Insufficient housing can have far-reaching impacts, including increasing student debt, hindering students’ ability to complete their studies, negatively affecting student health and wellness, and even potentially discouraging students from choosing to pursue post-secondary education. Our Ministry will work with public post-secondary institutions to increase student housing stock and contribute to the Provincial housing strategy.

Changes underway in our Kindergarten to Grade 12 system are also shaping post-secondary education. Our Ministry works closely with education and training partners to enhance pathways and opportunities to ensure students can successfully move from high school to post-secondary education and into the workforce.

These and other challenges require a focused, thoughtful and collaborative approach to ensure post-secondary education and training helps position British Columbians for a bright and prosperous future in the 21st Century.
Goals, Objectives, Strategies and Performance Measures

The Ministry’s goals and objectives have been significantly revised to reflect the role and purpose of post-secondary education and skills training in supporting Government’s commitments to British Columbians.

Goal 1: Lasting Reconciliation with Indigenous Peoples in British Columbia by fostering access and success in post-secondary education and training

This new goal has been added to reflect a commitment to collaborate and engage with Indigenous and post-secondary partners to foster access, inclusion and success in post-secondary education and training.

Objective 1.1: Respond to the TRC Calls to Actions and UNDRIP

Government is committed to moving forward on the TRC’s Calls to Action and to reviewing policies, programs and legislation to bring the principles of the UNDRIP into action.

Key Strategies:

- Actively engage with Indigenous and post-secondary partners to develop a comprehensive post-secondary strategy that responds to the TRC Calls to Action and UNDRIP.
- Collaborate with Indigenous partners to co-create labour market information that meets the needs of Indigenous communities and people.
- Work with Indigenous partners, the Industry Training Authority, and training providers to remove barriers and increase opportunities for Indigenous learners to achieve a successful career in the trades.
- Continue to work with Indigenous post-secondary education partners, including the First Nations Education Steering Committee and the Indigenous Adult and Higher Learning Association, to implement the Aboriginal [1] Post-Secondary Education and Training Policy Framework and Action Plan including:
  - Funding delivery of post-secondary education and training in Indigenous communities; and
  - Supporting Aboriginal Service Plans at public post-secondary institutions.

[1] The Ministry of Advanced Education, Skills, and Training is moving to using the term “Indigenous” as an inclusive reference for First Nations, Inuit, and Métis peoples. The term “Aboriginal” continues to appear in this Service Plan for consistency with the Government Standard for Aboriginal Administrative Data. For the purposes of this Service Plan, “Indigenous” and “Aboriginal” have the same meaning.
1.1a Status of comprehensive post-secondary strategy that responds to the TRC Calls to Action and UNDRIP

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>2017/18 Forecast</th>
<th>2018/19 Target</th>
<th>2019/20 Target</th>
<th>2020/21 Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1a</td>
<td>*</td>
<td>Strategy developed</td>
<td>Implement</td>
<td>Implement</td>
</tr>
</tbody>
</table>

1 Data Source: Strategy being developed in 2018-19.
* New measure in 2018-19

1.1b Overall credentials awarded to Aboriginal students in the public post-secondary system

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>2009/10 Baseline</th>
<th>2015/16 Actual</th>
<th>2017/18 Target</th>
<th>2018/19 Target</th>
<th>2019/20 Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1b</td>
<td>2,634</td>
<td>3,264</td>
<td>Progress towards 2020/21 target of 4,609</td>
<td>Progress towards 2020/21 target of 4,609</td>
<td>Progress towards 2020/21 target of 4,609</td>
</tr>
</tbody>
</table>

1 Data Source: Student Transition Project.
2 Actuals and targets align with fiscal year data and include only credentials with evaluative components awarded at a B.C. public post-secondary institution. Apprenticeship credentials are awarded separately by the Industry Training Authority (www.itabc.ca)
3 Aboriginal learners are students with Aboriginal ancestry who self-identified in the B.C. kindergarten to grade 12 education system or who self-identified as Aboriginal at a B.C. public post-secondary institution according to the Aboriginal Administrative Data Standard.
4 Baseline is presented as published in the Aboriginal Post-Secondary Education and Training Policy Framework and Action Plan, launched in June 2012, based on the most recent data available at that time (i.e. 2009/10).

Linking Performance Measures to Objectives:

1.1a The primary focus of UNDRIP and the TRC’s Calls to Action is the right of self-determination for Indigenous peoples, particularly in their cultural practices and development, and government obligations. In this context, the Ministry will engage and collaborate with Indigenous communities and partners on ways to ensure post-secondary education and training is responsive to the needs of Indigenous communities and learners. Part of these efforts will include determining appropriate measures and baselines to assess progress toward this objective.

1.1b First introduced in 2012/13, the Aboriginal Post-Secondary Education and Training Policy Framework and Action Plan seeks to increase the number of credentials awarded to Indigenous students. Using 2009/10 as the baseline year when Indigenous students earned 2,634 credentials, our goal is to see 4,609 credentials awarded in 2020/21, a 75% increase over 2009/10. This measure tracks progress towards this goal and emphasizes collaboration with First Nations, Métis and Inuit peoples when delivering programs, policies and services for First Nations, Métis and Inuit peoples. Programming to support Indigenous student recruitment and retention focuses on multi-year impact. The Ministry monitors previous year trends towards the 2020/21 target.
Goal 2: Learners are supported to achieve their full potential with accessible, affordable and equitable education and training opportunities

Objective 2.1: Ensure affordable access to post-secondary education and skills training

Government is committed to ensuring access to affordable, high quality post-secondary education and skills training to support increased participation and success for learners.

Key Strategies:
- Ensure access to post-secondary education by providing operating funding to support public post-secondary education delivery throughout the province.
- Improve and modernize StudentAid BC service delivery platforms by providing digital tools and information that help students make informed decisions when applying for student financial assistance.
- Work toward eliminating interest on B.C. Government student loans to support current and future borrowers in repayment.
- Work toward establishing a completion grant program to provide debt relief to B.C. students.
- Provide tuition-free Adult Basic Education and English Language Learning programs for domestic students.
- Continue to advance the development of free digital open textbooks and open education resources.
- Provide learners hands-on experience to explore a variety of careers, as well as valuable information on high-demand jobs offered by employers in specific regions and throughout B.C. through the Find Your Fit Tour.
- Leverage digital technology options to cost-effectively expand the ability for post-secondary institutions to deliver education and training programs to more rural and remote communities.
- Support B.C.'s comprehensive transfer system that enables students to easily transfer courses and credits across the public post-secondary system.
- Continue to ensure a seamless transition of students from the K–12 system into post-secondary education and training.
- Maintain a two per cent annual cap on tuition and mandatory fee increases at all public post-secondary institutions.

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>2016/17 Actual*</th>
<th>2017/18 Forecast</th>
<th>2018/19 Target</th>
<th>2019/20 Target</th>
<th>2020/21 Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1a Total student spaces* at public post-secondary institutions</td>
<td>200,894</td>
<td>199,131</td>
<td>200,752</td>
<td>201,452</td>
<td>202,102</td>
</tr>
</tbody>
</table>

1 Data Source: B.C. Ministry of Advanced Education Skills and Training, Post-Secondary Finance Branch
* This measure includes full-time equivalent student spaces funded by the Ministry and foundation and apprenticeship spaces funded by the Industry Training Authority (www.itabc.ca)
### Performance Measure

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>2015/16 Actual*</th>
<th>2017/18 Target</th>
<th>2018/19 Target</th>
<th>2019/20 Target</th>
<th>2020/21 Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1b Per cent of income used to pay educational debt or student loan payment ¹</td>
<td>5.8%</td>
<td>≤ 8%</td>
<td>≤ 8%</td>
<td>≤ 8%</td>
<td>≤ 8%</td>
</tr>
</tbody>
</table>

¹ Data Source: Baccalaureate Graduate Survey and Diploma, Associate Degree, and Certificate Student Outcomes Survey; (2016)

* Data for the 2015/16 reporting cycle is from the 2016 survey. Efforts were made to contact all eligible graduates (over 56,000), and a response rate of 50% was achieved.

### Linking Performance Measures to Objectives:

2.1a The number of student spaces at public post-secondary institutions is a measure of education access and capacity. It demonstrates the availability of learning opportunities for the increasing number of British Columbians who seek post-secondary education and skills training.

2.1b The percentage of student loan debt relative to income is an indicator of education and training success that compares former students’ level of earnings and their capacity to repay student loans. A limit of eight per cent for non-mortgage credit commitments is often used by lending institutions as a recommended maximum debt load. The Ministry strives to stay well under this threshold.

### Objective 2.2: Respond and adapt to the diverse and changing needs of learners

Government is committed to the effective delivery of services and supports to meet the diverse and changing needs of learners.

### Key Strategies:

- Implement effective apprenticeship ratios on Government-funded infrastructure projects, and increase participation of under-represented groups in the skilled workforce.
- Continue to improve opportunities and access for current and former youth in government care who pursue post-secondary education and training by expanding the Provincial Tuition Waiver Program.
- Work to increase the number of student housing beds to contribute to the Province’s housing strategy and support student success.
- Support learners with permanent disabilities through continued funding for programs and services that help offset barriers to post-secondary education and training.
- Provide programs, services, tools and resources for those who are struggling to gain a foothold in the job market through targeted programs for youth, Indigenous persons, persons with disabilities and women in the trades to help them to gain needed skills and secure sustainable employment.
- Under a new Canada-B.C. Workforce Development Agreement ensure vulnerable, unemployed, and under-employed people can access skills training needed for good paying jobs.
• Improve student mental health, safety and overall well-being, including creating greater awareness of available supports and building on the work undertaken to date to prevent and respond to sexual violence and misconduct.

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>2017/18 Forecast</th>
<th>2018/19 Target</th>
<th>2019/20 Target</th>
<th>2020/21 Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.2a</td>
<td>*</td>
<td>Develop and implement ratio policy</td>
<td>Monitor ratio</td>
<td>Monitor ratio</td>
</tr>
</tbody>
</table>

1 Data Source: Program being implemented in 2018-19
* New measure in 2018-19

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>2016/17 Baseline</th>
<th>2017/18 Forecast</th>
<th>2018/19 Target</th>
<th>2019/20 Target</th>
<th>2020/21 Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.2b</td>
<td>189</td>
<td>350</td>
<td>450</td>
<td>550</td>
<td>650</td>
</tr>
</tbody>
</table>

1 Data Source: B.C. public post-secondary institutions

**Linking Performance Measures to Objectives:**

2.2a By providing apprenticeship opportunities on publicly funded projects and ensuring that skilled trades are fully accessible for under-represented groups, British Columbians will have opportunities to obtain the work experience they need to be part of a strong, sustainable and innovative economy that creates good-paying jobs.

2.2b The Provincial Tuition Waiver Program provides support and opportunities for eligible youth formerly in care to access post-secondary education leading to better employment, increased self-sufficiency and overall quality of life. The Program covers tuition fees for public post-secondary students between the ages of 19 and 26 who spent a combined total of at least two years in care in B.C.

Prior to 2017/18, tuition waivers were offered at only 11 public post-secondary institutions, with varying program requirements and eligibility criteria. Working with our partners the Ministry launched the Provincial Tuition Waiver Program to provide a consistent system wide program at all 25 of British Columbia’s public post-secondary institutions. Since the new Program was launched there has been a 20 per cent increase in enrolments in the first semester, and it is expected that number will continue to grow as the Ministry works with our partners to help inform youth formerly in care of their expanded options to pursue post-secondary education and training.

**Goal 3:** Ensure a high quality and relevant post-secondary education and skills training system that provides the services people count on for good-paying jobs and opportunities to reach their full potential

**Objective 3.1:** Build on current strengths to enhance the quality and relevance of the post-secondary education and training system
For British Columbia, a commitment to delivering post-secondary education and training services people can count on for good-paying jobs and opportunities to reach their full potential while maintaining high quality standards and educational outcomes is key to the continued success of all learners.

**Key Strategies:**

- Support a wide range of co-op and work experience programs for undergraduates, including programs that support B.C.’s technology-related sector.
- Build on the recent expansion of youth trades programs and increase work experience opportunities for youth apprentices while still in high school.
- Work with the Industry Training Authority, training providers and industry to remove barriers and increase participation of indigenous people and women in the trades.
- Develop more forestry-related degree and certificate programs.
- Develop, in partnership with the post-secondary system, a single, unified application system to make it easier for students to plan, search and apply to public post-secondary institutions in B.C.
- Partner with employers and economic sectors to deliver skills upgrading to employees.
- Work to establish technology and innovation centres in key areas of the economy.
- Work collaboratively with private training institutions to apply proactive quality assurance measures and improve public confidence in the system through compliance with mandatory quality standards.
- Work closely with post-secondary institutions to develop a balanced approach to international education.
- Work with other provincial ministries and partners to ensure B.C. students have the skills, experience and creativity that they need for careers that support the tech industry.

### Performance Measures

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>2015/16 Actual&lt;sup&gt;3&lt;/sup&gt;</th>
<th>2017/18 Target</th>
<th>2018/19 Target</th>
<th>2019/20 Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1a Students satisfied with their education&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td>93%</td>
<td>≥ 90%</td>
<td>≥ 90%</td>
<td>≥ 90%</td>
</tr>
</tbody>
</table>

<sup>1</sup> Data Source: Baccalaureate Graduates Survey; Diploma, Associate Degree, and Certificate Student Outcomes Survey; and Apprenticeship Student Outcomes Survey (2016).

<sup>2</sup> Due to data availability, data for the 2015/16 reporting cycle is from the 2016 survey data. Attempts are made to contact all eligible graduates (over 56,000) and a response rate of 50% was achieved.

<sup>3</sup> The margin of error for overall percentage of satisfaction with education was plus or minus 0.2% and 0.3% for diploma, associate degree, and certificate graduates; 0.8% for apprenticeship graduates and 0.4% for bachelor degree graduates (19 times out of 20).

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>2015/16 Actual&lt;sup&gt;3&lt;/sup&gt;</th>
<th>2017/18 Target</th>
<th>2018/19 Target</th>
<th>2019/20 Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1b Graduates reporting their knowledge and skills developed through post-secondary education are useful in their employment&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td>86%</td>
<td>≥ 90%</td>
<td>≥ 90%</td>
<td>≥ 90%</td>
</tr>
</tbody>
</table>

<sup>1</sup> Data Source: Baccalaureate Graduates Survey; Diploma, Associate Degree, and Certificate Student Outcomes Survey; and Apprenticeship Student Outcomes Survey (2016).

<sup>2</sup> Due to data availability, data for the 2015/16 reporting cycle is from the 2016 survey data. Attempts are made to contact all eligible graduates (over 56,000) and a response rate of 50% was achieved.
The margin of error for overall percentage of knowledge and skills useful in employment was plus or minus 0.4% and 0.6% for diploma, associate degree, and certificate graduates; 0.9% for apprenticeship graduates and 0.6% for bachelor degree graduates (19 times out of 20).

### Performance Measure

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>2015/16 Actual&lt;sup&gt;3&lt;/sup&gt;</th>
<th>2017/18 Target&lt;sup&gt;4&lt;/sup&gt;</th>
<th>2018/19 Target</th>
<th>2019/20 Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1c</td>
<td></td>
<td>Unemployment rate for youth with high school credentials or less (≤ 10.8%)</td>
<td>Unemployment rate for youth with high school credentials or less (≤ 10.8%)</td>
<td>Unemployment rate for youth with high school credentials or less (≤ 10.8%)</td>
</tr>
<tr>
<td>Overall unemployment rate for public post-secondary graduates&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td>8.0%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

<sup>1</sup> Data Source: Baccalaureate Graduates Survey; Diploma, Associate Degree, and Certificate Student Outcomes Survey; and Apprenticeship Student Outcomes Survey (2016) and the Labour Force Survey (2016).

<sup>2</sup> Due to data availability, data for the 2015/16 reporting cycle is from the 2016 survey data. Attempts are made to contact all eligible graduates (over 56,000) and a response rate of 50% was achieved.

<sup>3</sup> The margin of error for the overall unemployment rate for public post-secondary graduates was plus or minus 0.3% and 0.3% for diploma, associate degree and certificate graduates; 0.4% for apprenticeship graduates and 0.4% for bachelor degree graduates (19 times out of 20).

<sup>4</sup> Target is the unemployment rate for people aged 18 to 29 years with high school credentials or less. The Labour Force Survey is a monthly survey which measures the current state of the Canadian labour market and is used, amongst other things, to calculate the national, provincial, territorial and regional employment and unemployment rates. This target is based on an annual update from Statistics Canada.

### Linking Performance Measures to Objectives:

**3.1a** Assessment by students of their overall satisfaction with their program is one measure of quality of education and training. Data results for this measure are from annual surveys of public post-secondary students eight months to two years after they complete their programs allowing students time to reflect on their education in relation to their experience in the workforce.

**3.1b** This measure reflects assessment by students of their post-secondary educational experience. It is an indication of how well the programs at public institutions are meeting the needs of both students and the labour market. Training and education programs that are relevant and applicable to changing social, cultural and labour market needs are critical to ensuring learners have the skills and knowledge to be successful in life and throughout their careers.

**3.1c** This measure reflects the relevance of post-secondary credentials to labour market demand and provides an indication of how successful public post-secondary graduates are in making the transition to the labour market.

**Objective 3.2:** Empower learners, educators, industry and government to make informed decisions

Accurate, timely labour market information and forecasting is essential to ensuring everyone can share the prosperity of our strong, sustainable and innovative economy. Government, employers and
individuals depend on accurate information, particularly in an environment of rapidly changing labour market needs.

Key Strategies:
- Ensure the best available labour market information is used to align skills training priorities with labour market needs.
- Collaborate with Indigenous partners to co-create labour market information that meets the needs of Indigenous communities and people.
- Provide learners with hands-on experience to explore a variety of careers, as well as valuable information on high-demand jobs offered by employers in specific regions and throughout B.C. through the Find Your Fit Tour.
- Continue to collaborate with the federal Government to support more detailed labour market analysis, and ensure B.C. has access to accurate and timely labour market information.
- Continue to share labour market information on WorkBC.ca using innovative platforms and social media to help all British Columbians make informed education, training and career decisions and to promote entrepreneurship.

### Performance Measure

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>2017/18 Forecast</th>
<th>2018/19 Target</th>
<th>2019/20 Target</th>
<th>2020/21 Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.2a Annual Labour Market Outlook (LMO) report downloads from WorkBC.ca 1</td>
<td>13,000</td>
<td>13,800</td>
<td>14,700</td>
<td>15,700</td>
</tr>
</tbody>
</table>

1 | Data Source: Labour Market and Information Division, Ministry of Advanced Education, Skills and Training.

#### Linking Performance Measures to Objectives:

3.2a The Labour Market Outlook (LMO) is the province’s 10 year forecast of labour market demand and supply. It is a vital tool that provides the evidence to support informed decisions. The LMO forecasts the number of job openings for 500 occupations in 58 industries across B.C.’s seven economic development regions. The LMO is based on information about the state of the economy, new projects, population changes and in-demand skills and competencies. The LMO also considers trends and opportunities related to innovation in the workforce.

Students, parents and those looking for a new career, use the LMO to inform their career and education decisions. Educators, small businesses and industry use the LMO in their planning, and government uses it to make informed decisions about new services, investments and projects.

This measure reflects Ministry efforts to ensure the LMO continues to reach more people throughout B.C. and beyond. Expanded reach is an indicator of the LMO’s continued relevance to a wide range of users.
## Resource Summary

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Expenses ($000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Educational Institutions and Organizations</td>
<td>1,957,700</td>
<td>2,006,009</td>
<td>2,054,463</td>
<td>2,064,913</td>
</tr>
<tr>
<td>Student Services Programs</td>
<td>72,076</td>
<td>70,395</td>
<td>70,395</td>
<td>70,395</td>
</tr>
<tr>
<td>Private Training Institutions</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Labour Market and Information</td>
<td>6,600</td>
<td>16,906</td>
<td>16,958</td>
<td>16,958</td>
</tr>
<tr>
<td>Transfers to Crown Corporations and Agencies</td>
<td>96,974</td>
<td>97,679</td>
<td>97,679</td>
<td>97,679</td>
</tr>
<tr>
<td>Executive and Support Services</td>
<td>20,356</td>
<td>20,624</td>
<td>20,743</td>
<td>20,743</td>
</tr>
<tr>
<td>Total</td>
<td>2,153,707</td>
<td>2,211,614</td>
<td>2,260,239</td>
<td>2,270,689</td>
</tr>
<tr>
<td>Ministry Capital Expenditures (Consolidated Revenue Fund ($000))</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Executive and Support Services</td>
<td>2,397</td>
<td>504</td>
<td>504</td>
<td>504</td>
</tr>
<tr>
<td>Total</td>
<td>2,397</td>
<td>504</td>
<td>504</td>
<td>504</td>
</tr>
<tr>
<td>Capital Plan ($000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Educational Institutions and Organizations - Post-secondary Institutions</td>
<td>417,849</td>
<td>431,122</td>
<td>372,652</td>
<td>411,244</td>
</tr>
<tr>
<td>Total</td>
<td>417,849</td>
<td>431,122</td>
<td>372,652</td>
<td>411,244</td>
</tr>
<tr>
<td>Other Financing Transactions ($000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Educational Institutions and Organizations</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Receipts</td>
<td>128,031</td>
<td>66,771</td>
<td>0,000</td>
<td>0,000</td>
</tr>
<tr>
<td>Disbursements</td>
<td>(128,031)</td>
<td>(66,771)</td>
<td>0,000</td>
<td>0,000</td>
</tr>
<tr>
<td>Net Cash (Requirements)</td>
<td>0,000</td>
<td>0,000</td>
<td>0,000</td>
<td>0,000</td>
</tr>
<tr>
<td>Total Receipts</td>
<td>128,031</td>
<td>66,771</td>
<td>0,000</td>
<td>0,000</td>
</tr>
<tr>
<td>Total Disbursements</td>
<td>(128,031)</td>
<td>(66,771)</td>
<td>0,000</td>
<td>0,000</td>
</tr>
<tr>
<td>Total Net Cash Source (Requirements)</td>
<td>0,000</td>
<td>0,000</td>
<td>0,000</td>
<td>0,000</td>
</tr>
</tbody>
</table>

¹ For comparative purposes, amounts shown for 2017/18 have been restated to be consistent with the presentation of the 2018/19 Estimates.

* Further information on program funding and vote recoveries available in the [Estimates and Supplement to the Estimates](#).
Public Post-Secondary Institutions Resource Summary

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Revenue</td>
<td>6,189,710</td>
<td>6,281,220</td>
<td>6,394,775</td>
<td>6,525,811</td>
</tr>
<tr>
<td>Total Expense</td>
<td>5,946,741</td>
<td>6,135,973</td>
<td>6,263,640</td>
<td>6,392,776</td>
</tr>
<tr>
<td>Operating Results</td>
<td>242,969</td>
<td>145,247</td>
<td>131,135</td>
<td>133,035</td>
</tr>
<tr>
<td>Gain (Loss) on sale of capital assets (if applicable)</td>
<td>11,463</td>
<td>6,398</td>
<td>0,000</td>
<td>0,000</td>
</tr>
<tr>
<td>Net Results</td>
<td>254,432</td>
<td>151,645</td>
<td>131,135</td>
<td>133,035</td>
</tr>
</tbody>
</table>

1 This income statement includes estimates from all public post-secondary institutions. Numbers do not include the elimination entries required to consolidate these agencies within the government reporting entity.

Major Capital Projects

<table>
<thead>
<tr>
<th>Major Capital Projects (over $50 million)</th>
<th>Targeted Completion Date (Year)</th>
<th>Project Cost to Dec 31, 2017 ($ millions)</th>
<th>Estimated Cost to Complete ($ millions)</th>
<th>Approved Anticipated Total Capital Cost of Project ($ millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of British Columbia Undergraduate Life Science Teaching Laboratories</td>
<td>2018</td>
<td>31</td>
<td>49</td>
<td>80</td>
</tr>
<tr>
<td>Redevelopment, renovation and refurbishment of 15,467 square metres of the Undergraduate Life Sciences Laboratories at the University of British Columbia Biosciences Complex located on the Point Grey campus. The project also includes renovations to 5,490 square metres within the Copp and Wesbrook Buildings to enable accommodation of students during the major redevelopment. Renovations of Copp/Wesbrook began in summer 2014; construction of the Biosciences complex began in summer 2016, with overall project completion anticipated in Fall 2018.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Simon Fraser University Sustainable Energy and Environmental Engineering Building</td>
<td>2019</td>
<td>50</td>
<td>76</td>
<td>126</td>
</tr>
<tr>
<td>Construction of a five-storey, 15,238 square metre Sustainable Energy Engineering Building at Simon Fraser University’s Surrey campus. The project will accommodate the University's new Energy Systems Engineering program and existing graduate Mechatronics students and will allow the University to expand its research in the energy, hydrogen and electricity sectors. Construction began in summer 2016, with completion of the Strategic Investment Fund phase anticipated in Fall 2018 and building completion in early 2019.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>British Columbia Institute of Technology Health Sciences Centre for Advanced Simulation</td>
<td>2020</td>
<td>0</td>
<td>78</td>
<td>78</td>
</tr>
<tr>
<td>Construction of a four-storey 10,355 square metres simulation lab building at British Columbia Institute of Technology’s Burnaby Campus. The project will enable British Columbia Institute of Technology to provide simulation based training for their nursing, health sciences and technology programs. Construction is expected to start in summer 2018, with completion anticipated in spring 2020.</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
Significant IT Projects

Modernizing StudentAid BC is a multi-year, multi-phased project to improve the Ministry’s processes, online tools and information systems to enhance the provision of financial aid to students.

The total capital cost of the project over four years is $10.9M. The overall budgeted cost of the project including operating expenses is $19.8M over the same time period. Up to December 31, 2017, the project has estimated capital costs of approximately $4.5M.

In 2017/18 the project:
- Delivered the plan for transformation work and the preparation phase to support the technology implementation.
- Implemented new business intelligence tools and is working with different program areas to improve their reporting capability. The public Student Financial Aid website will be upgraded to be accessible via the BC Services Card for qualifying students.

In 2018/19 and 2019/20 the project will:
- Initiate technology upgrading that will result in students applying for financial aid, and StudentAid BC processing applications using the modernized platform.
- Align with changes expected from the Canada Student Loan Program.
Appendix A: Ministry Contact Information

General Inquiries
Ministry of Advanced Education
PO BOX 9884
STN PROV GOVT
VICTORIA, BC  V8W 9T6
E-mail: AEST.GeneralInquiries@gov.bc.ca

Minister
Telephone: 250-356-0179
Fax: 250-952-0260
E-mail: AEST.Minister@gov.bc.ca

Deputy Minister, Ministry of Advanced Education, Skills and Training
Telephone: 250-356-5170
Fax: 250-356-5468
E-mail: AEST.DeputyMinister@gov.bc.ca

Media inquiries - Government Communications and Public Engagement
Telephone: 250-952-6400
Fax: 250-356-6942

British Columbia Council for International Education
Telephone: 604-637-6766
Fax: 604-637-6765
E-mail: bccie@bccie.bc.ca

Industry Training Authority
Telephone: 778-785-2410
Fax: 778-328-8701
E-mail: itabc.ca