Student Work-Integrated Learning Program

CAFCE WEBINAR

September 2017
What is the Student Work-Integrated Learning Program?

Student Work Integrated Learning Program (SWILP) supports sustainable quality work-integrated learning (WIL) experiences for students in high-demand fields, such as science, technology, engineering, mathematics (STEM) and business.

**ACTIVITY STREAM 1:** Create new co-op placements and other WIL opportunities
- 10,000 new quality placements
- Wage subsidy of up to $5,000 per placement
- Wage subsidy of up to $7,000 for under-represented groups and first-year students
- Focus on developing work-ready skills – emphasis on entrepreneurship/business skills to support innovation

**ACTIVITY STREAM 2:** Support sustainable partnerships between Industry and willing PSE
- Direct connections between PSE institutions and employers to align skills development to labour market demand
- Outreach and support to facilitate participation of SMEs

via employer consortia
Creating A Virtuous Cycle of Innovation through WIL

- PSE students have technical knowledge and creativity
- Students shares industry problems with classmates and teacher
- PSE Students access concrete problems through WIL
- PSE curricula is influenced by actual real world problems
- Class combines technical knowledge and creativity to find innovative solutions
- Education serves the needs of Industry and Provides students with competitive edge.
## What is Work Integrated Learning (WIL)?

| WIL Continuum (includes various types of learning opportunities) (HEQCO) |
|---|---|---|
| **Systematic Training** | **Structured Work Experience** | **Institutional Partnerships** |
| Workplace as the central place of learning | Familiarization with the world of work within a PSE program | PSE activities/programs to achieve industry or community goals |
| Apprenticeships | Field Experience | Mandatory Professional Practice | Co-op | Internships | Applied Research Projects | Service Learning |
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**Canada**

Employment and Social Development Canada

Emploi et Développement social Canada
Delivery Approach: Employer Consortia

- Priority sectors for the SWILP include those requiring high degree of technical skill, facing critical labour shortages, and with a demonstrated gap between current curricula and industry skills requirements.

- Projects with five employer consortia were approved by the Minister on April 10, 2017. Activities started on May 23, 2017.

### Information and Communication Technology
1. Information and Communications Technology Council (ICTC)
2. Information Technology Association of Canada (ITAC)

### Aerospace / Aviation
Canadian Council for Aviation and Aerospace (CCAA)

### Environment
Environmental Careers Organization of Canada (ECO Canada)

### Biotechnology
BioTalent Canada
Information and Communications Technology Council (ICTC)

Project Title:
The WIL to succeed in Tomorrow Digital Job Market – Innovation Ready Grads (WIL Digital)

Objective

- Project focuses on developing “Innovation Ready-Grads” for employers of all sizes by increasing capacity of graduates to innovate, modernize, and contribute to competitive industry advantage.

- Hybrid of education and WIL opportunities, cross-sectoral approaches, and peer-to-peer support.

- Initial focus on Fintech, Advanced Manufacturing, and Intelligent Retail.

- 10% of placements expected to be created for students in under-represented groups.

WIL placements

- 1,000 placements
  Y1 - 150; Y2 - 255; Y3 - 260; Y4 - 335

Partnerships

- Initial employers:
  - IBM
  - Tata Consultancy
  - Cambridge Brain Sciences

- Initial PSE institutions:
  - Ryerson University
  - Bow Valley College
  - Collège Communautaire du Nouveau Brunswick
Information Technology Association of Canada (ITAC)

Project Title:
Tech Partnership Canada

Objective

• Project focuses on developing WIL placements and improve capacity of employers (particularly SMEs) and PSE institutions to work on developing future WIL placements.

• Initial focus on Business Technology Management related occupations.

• Project will support the creation of WIL placements that focus on encouraging innovation and entrepreneurship by working with incubators and innovation network partners to achieve a high number of placements in tech-oriented start-ups.

• 30% of placements to students in under-represented groups – including 20% for women in STEM.

WIL placements

• 1,192 placements
  Y1 and Y2 total - 360; Y3 - 307; Y4 - 525

Partnerships

• BC Innovation Council
• Canadian Chamber of Commerce
• Digital Media Zone (Ryerson University)
**Project Title:**
Work Integrated Learning Program for Multidisciplinary Aircraft Technicians

**Objective**

- Project will create a new, demand-driven, WIL program which will provide extended co-op opportunities, and train students to become multidisciplinary aviation technicians, skilled in multiple trades (i.e. aviation maintenance, avionics, and interiors).

- Students will also be provided with training in business, leadership, entrepreneurial and soft skills.

- 640 placements are expected to be created for first-year students.

**WIL placements**

- 1,000 placements
  - Y1 - 85; Y2 - 229; Y3 - 319; Y4 - 367

**Partnerships**

- Initial *employers*:
  - Air Canada
  - Airbase Services
  - M1 Composites

- Initial *PSE institutions*:
  - Centennial College
  - British Columbia Institute of Technology
  - École nationale d’aérotechnique
Environmental Careers Organization of Canada (ECO Canada)

Project Title:
Fostering Industry and Education Partnerships in the Environmental Sector

Objective

- Project aims to develop, evaluate and refine a national WIL program that will increase the usage of environmental student co-op and internship programs by environmental small and medium-sized enterprises.

- ECO Canada is also proposing to explore the development of a WIL initiative targeting Indigenous students in the environmental sector, with a focus on community-based WIL placements.

WIL placements
- 1,000 placements
  Y1 - 250; Y2 - 250; Y3 - 250; Y4 - 250

Partnerships
- Initial employers:
  - Saltworks Technologies
  - GEMS Inc.
  - Vivre en ville
- Initial PSE institutions:
  - University of Waterloo
  - Simon Fraser University
BioTalent Canada

Project Title:
Post-Secondary Education Bio-economy Partnerships and Co-ops Program

Objective

• Project will improve collaboration with small to medium-sized Canadian bio-economy employers, PSE institutions, industry associations and government to support the needs of the bio-economy sector.

• Project will also aim to enhance the practical ability and job-readiness of new science graduates entering the industry.

• 50% of participants will belong to under-represented groups as such as Indigenous students, women in STEM, persons with disabilities, recent immigrants and first-year students.

WIL placements
• 1,000 placements
  Y1 - 200; Y2 - 250; Y3 - 250; Y4 - 300

Partnerships
• Initial employers:
  • Innovative Medicines Canada
  • Synaptive Medical
  • Charles River Laboratories
• Initial PSE institutions:
  • University of Toronto
  • University of Waterloo
Next steps

- CAFCE members could look to partner with SWILP recipient organizations that are offering work-integrated learning placements, including co-op placements, to PSE students.

- SWILP participant information is available
  - on the Government of Canada website:
  - directly on the organizations’ websites:
    - Information Technology Association of Canada (ITAC)
    - Information and Communication Technology Council (ICTC)
    - Canadian Council for Aerospace and Aviation (CCAA)
    - Environmental Careers Organization of Canada (ECO Canada)
    - Biotalent Canada
SWILP on social media

- https://www.youtube.com/watch?v=SPSn_mE_G30
- https://www.youtube.com/watch?v=IryE9cdUlboQ
- https://twitter.com/Jobs_Emplois/status/902274405715152896
- https://twitter.com/Jobs_Emplois/status/902290038301614082