

# BIOSAFETY TRAINING GUIDE

Office of VP Research and Innovation

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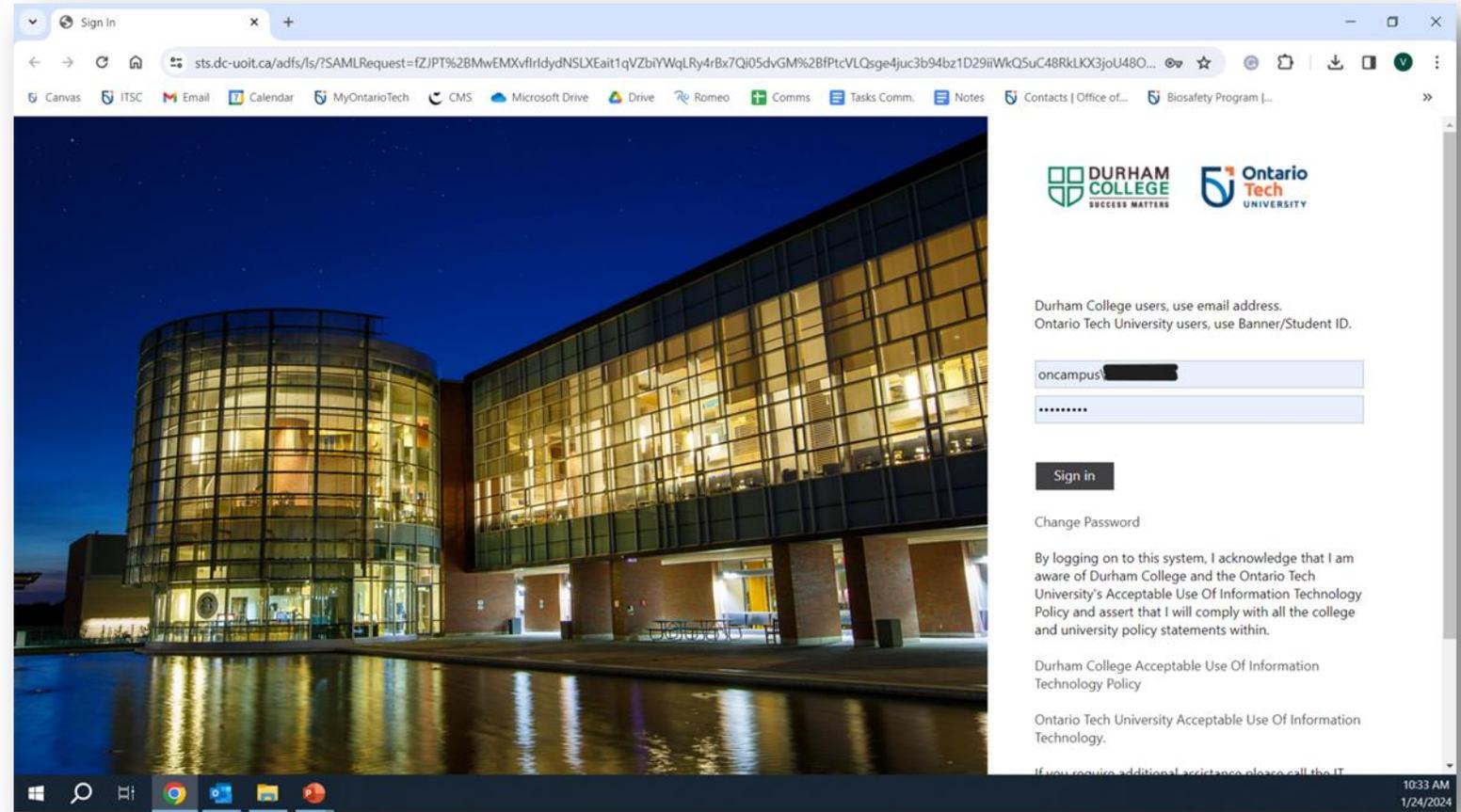
# Table of Contents

- [Instructions](#)
- [FAQs](#)
  - [How to create a PHAC account?](#)
  - [How to upload PHAC certificates to Canvas?](#)



# 1. Log into Canvas

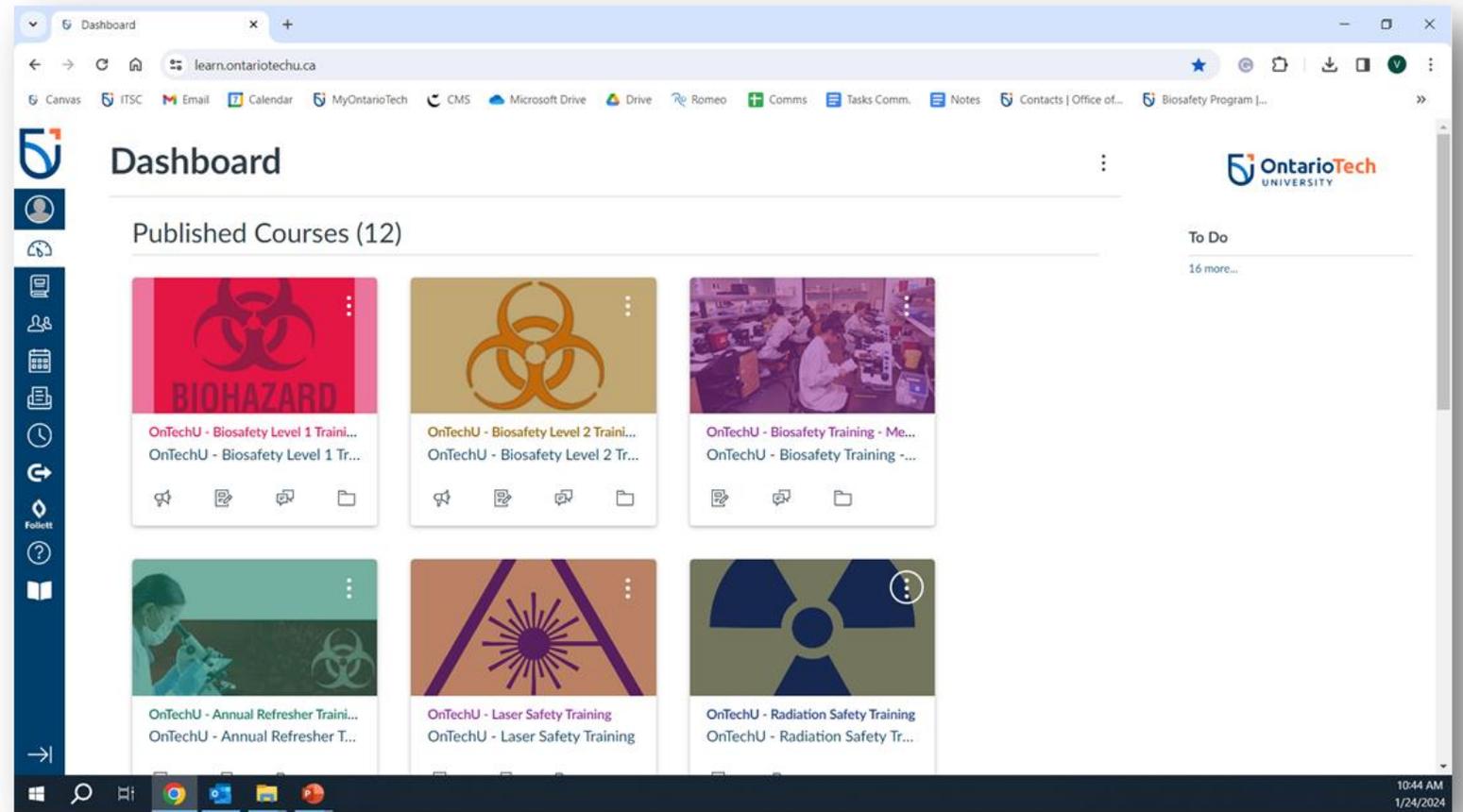
- [Sign In-Ontario Tech University](#)



## 2. Locate the course you are required to do:

Click the course you are enrolled in below and in Canvas:

- [OnTechU-Biosafety Level 1 Training](#)
- [OnTechU-Biosafety Level 2 Training](#)
- [OnTechU-Biosafety Training – Medical Science Laboratory](#)

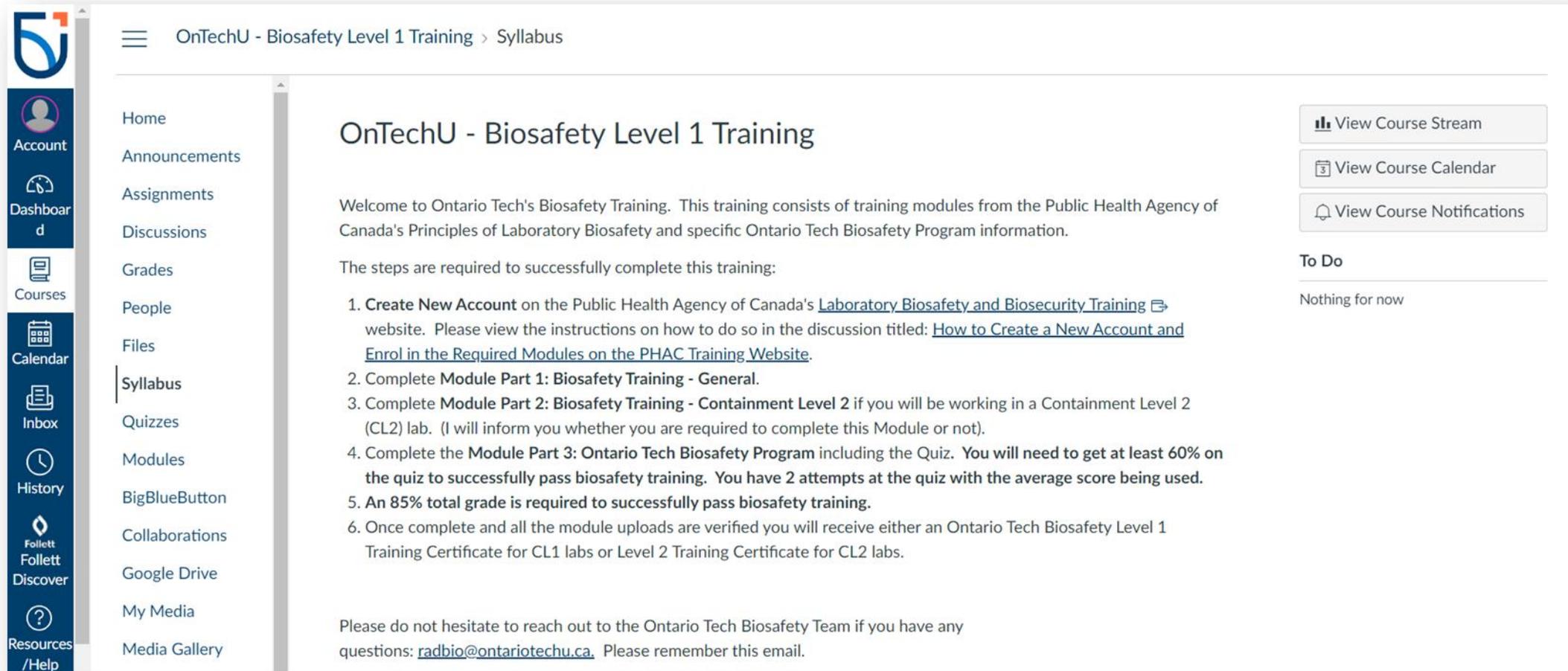


The screenshot shows a web browser window displaying the OnTechU Canvas Dashboard. The address bar shows the URL [learn.ontariotechu.ca](https://learn.ontariotechu.ca). The dashboard header includes the OnTechU logo and the text "Dashboard". Below the header, there is a section titled "Published Courses (12)" which displays a grid of course cards. The visible course cards are:

- OnTechU - Biosafety Level 1 Training (Red biohazard icon)
- OnTechU - Biosafety Level 2 Training (Gold biohazard icon)
- OnTechU - Biosafety Training - Medical Science Laboratory (Image of a lab)
- OnTechU - Annual Refresher Training (Image of a person in a lab)
- OnTechU - Laser Safety Training (Purple laser warning icon)
- OnTechU - Radiation Safety Training (Blue radiation warning icon)

On the right side of the dashboard, there is a "To Do" section with the text "16 more...". The Windows taskbar at the bottom shows the time as 10:44 AM on 1/24/2024.

# 3.1. OnTechU-Biosafety Level 1 Training: Read the Instructions



The screenshot shows a web interface for 'OnTechU - Biosafety Level 1 Training' with a 'Syllabus' sub-page. On the left is a vertical navigation menu with icons and labels for Account, Dashboard, Courses, Calendar, Inbox, History, Follett Follett Discover, and Resources/Help. The main content area has a breadcrumb 'OnTechU - Biosafety Level 1 Training > Syllabus' and a title 'OnTechU - Biosafety Level 1 Training'. Below the title is a welcome message and a list of five steps for completing the training. On the right side, there are three buttons: 'View Course Stream', 'View Course Calendar', and 'View Course Notifications', followed by a 'To Do' section showing 'Nothing for now'.

OnTechU - Biosafety Level 1 Training > Syllabus

## OnTechU - Biosafety Level 1 Training

Welcome to Ontario Tech's Biosafety Training. This training consists of training modules from the Public Health Agency of Canada's Principles of Laboratory Biosafety and specific Ontario Tech Biosafety Program information.

The steps are required to successfully complete this training:

1. **Create New Account** on the Public Health Agency of Canada's [Laboratory Biosafety and Biosecurity Training](#) website. Please view the instructions on how to do so in the discussion titled: [How to Create a New Account and Enrol in the Required Modules on the PHAC Training Website](#).
2. Complete **Module Part 1: Biosafety Training - General**.
3. Complete **Module Part 2: Biosafety Training - Containment Level 2** if you will be working in a Containment Level 2 (CL2) lab. (I will inform you whether you are required to complete this Module or not).
4. Complete the **Module Part 3: Ontario Tech Biosafety Program** including the Quiz. **You will need to get at least 60% on the quiz to successfully pass biosafety training. You have 2 attempts at the quiz with the average score being used.**
5. **An 85% total grade is required to successfully pass biosafety training.**
6. Once complete and all the module uploads are verified you will receive either an Ontario Tech Biosafety Level 1 Training Certificate for CL1 labs or Level 2 Training Certificate for CL2 labs.

Please do not hesitate to reach out to the Ontario Tech Biosafety Team if you have any questions: [radbio@ontariotechu.ca](mailto:radbio@ontariotechu.ca). Please remember this email.

**View Course Stream**

**View Course Calendar**

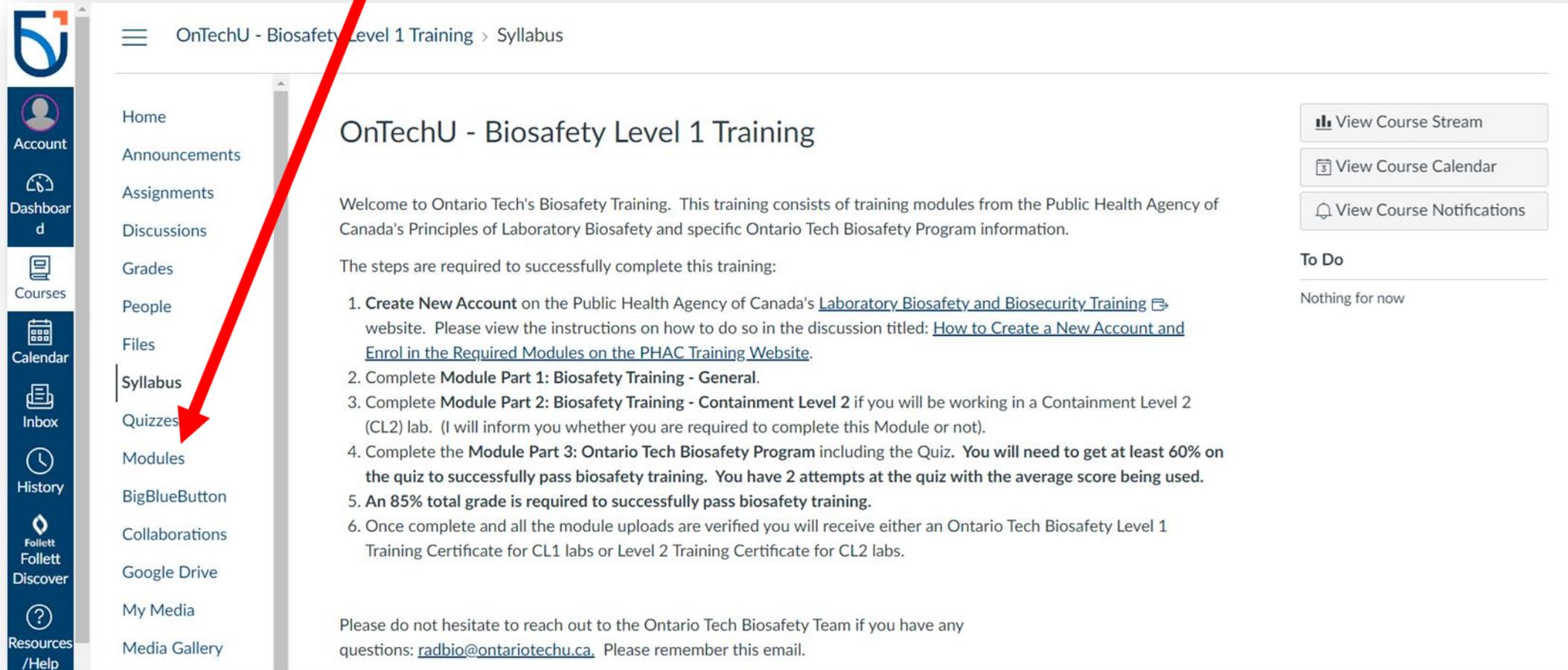
**View Course Notifications**

**To Do**

Nothing for now



## 3.2. Click on “Modules” on Canvas



The screenshot shows the Canvas LMS interface for the course 'OnTechU - Biosafety Level 1 Training'. The left sidebar contains a navigation menu with the following items: Account, Dashboard, Courses, Calendar, Inbox, History, Follett Follett Discover, and Resources /Help. The main content area displays the course title 'OnTechU - Biosafety Level 1 Training' and a welcome message: 'Welcome to Ontario Tech's Biosafety Training. This training consists of training modules from the Public Health Agency of Canada's Principles of Laboratory Biosafety and specific Ontario Tech Biosafety Program information.' Below this, it states 'The steps are required to successfully complete this training:' followed by a numbered list of six steps. The 'Modules' menu item in the sidebar is highlighted with a red arrow.

OnTechU - Biosafety Level 1 Training > Syllabus

### OnTechU - Biosafety Level 1 Training

Welcome to Ontario Tech's Biosafety Training. This training consists of training modules from the Public Health Agency of Canada's Principles of Laboratory Biosafety and specific Ontario Tech Biosafety Program information.

The steps are required to successfully complete this training:

1. **Create New Account** on the Public Health Agency of Canada's [Laboratory Biosafety and Biosecurity Training](#) website. Please view the instructions on how to do so in the discussion titled: [How to Create a New Account and Enrol in the Required Modules on the PHAC Training Website](#).
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4. Complete the **Module Part 3: Ontario Tech Biosafety Program** including the Quiz. **You will need to get at least 60% on the quiz to successfully pass biosafety training. You have 2 attempts at the quiz with the average score being used.**
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Please do not hesitate to reach out to the Ontario Tech Biosafety Team if you have any questions: [radbio@ontariotechu.ca](mailto:radbio@ontariotechu.ca). Please remember this email.

**View Course Stream**  
**View Course Calendar**  
**View Course Notifications**

**To Do**  
Nothing for now

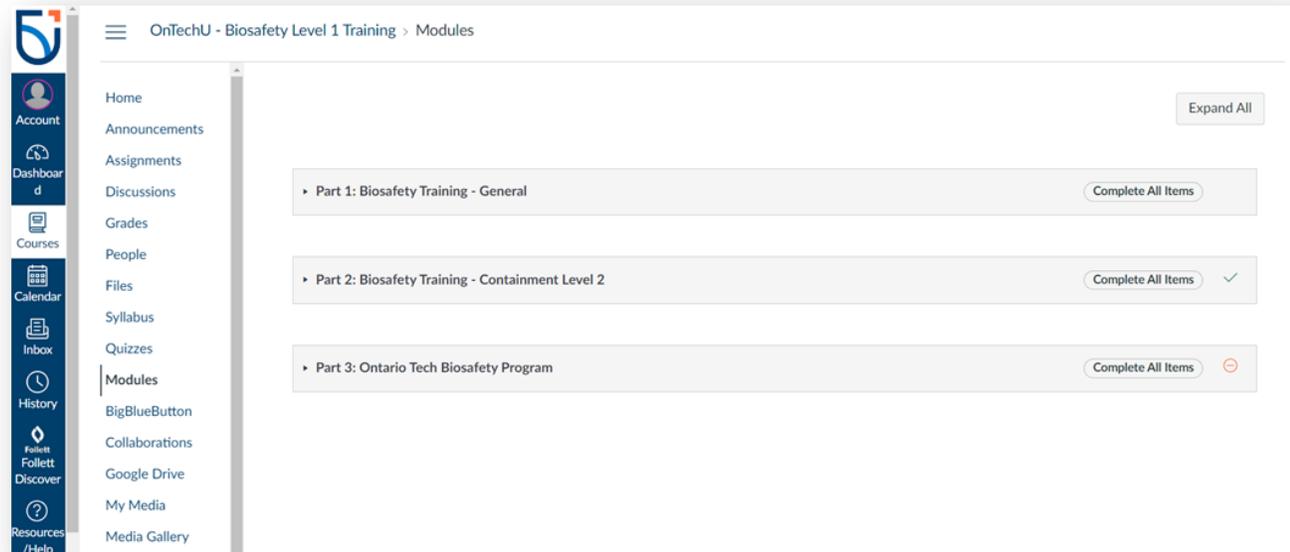
# 3.3. List of PHAC Modules and Canvas Quizzes

## Part 1: Biosafety Training-General

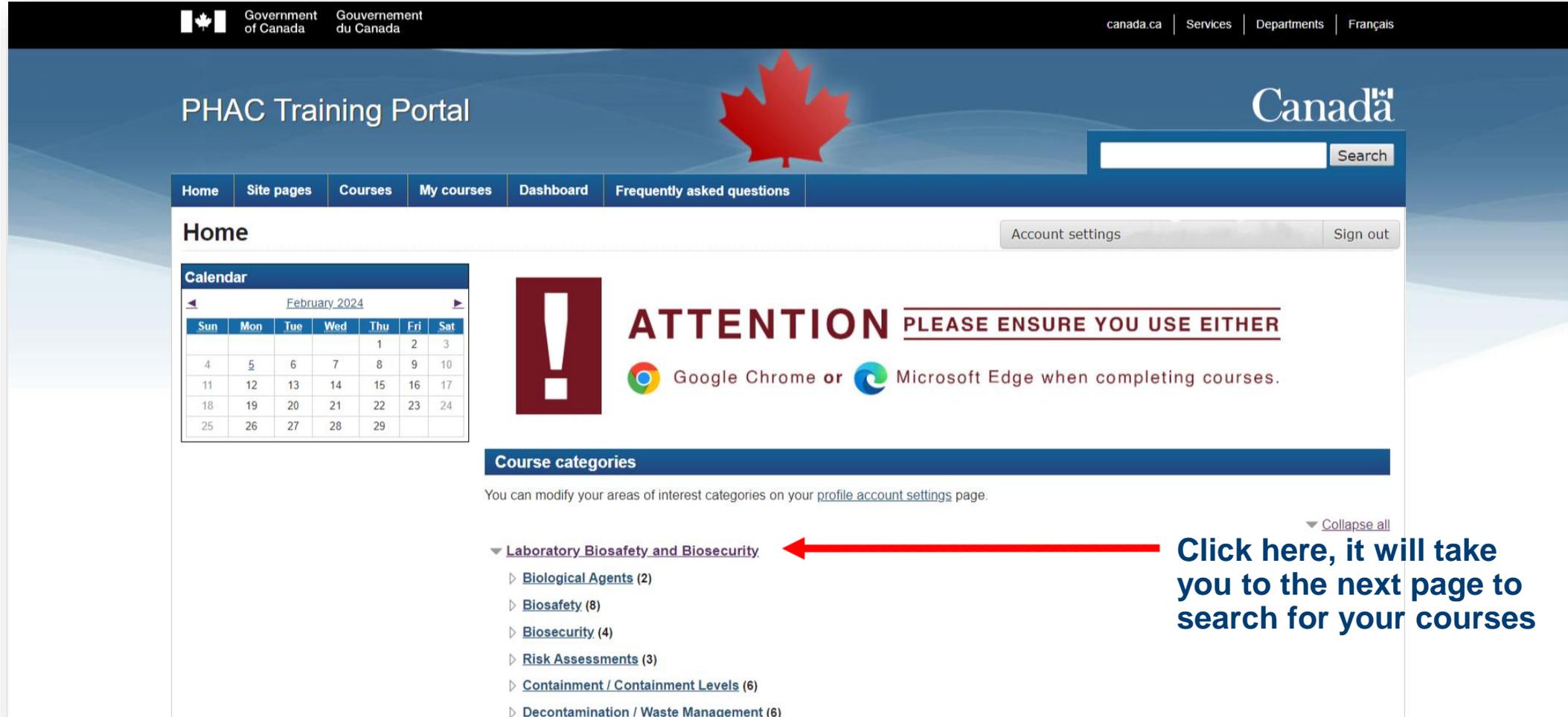
- Canvas-Quiz (Biosafety Training Overview)
- PHAC-Introduction to Biosafety
- Canvas-Quiz (Introduction to Biosafety)
- PHAC-Microbiology Overview
- PHAC-Laboratory Acquired Infections
- PHAC-Personal Protective Equipment
- PHAC-General Safety for Containment Labs
- PHAC-Containment Level 1: Physical Design and Operational Practices
- PHAC-Decontamination in the laboratory
- PHAC-Chemical Disinfectants
- PHAC-Autoclaves

## Part 3: Ontario Tech Biosafety Program

Canvas-Go over the pages  
Quiz-Ontario Tech Biosafety Program



## 3.4. Access the courses on PHAC from the list in 3.3



The screenshot shows the PHAC Training Portal website. At the top, there is a navigation bar with the Government of Canada logo and text in both English and French, along with links for 'canada.ca', 'Services', 'Departments', and 'Français'. The main header features the 'PHAC Training Portal' title, a red maple leaf logo, and the 'Canada' logo. A search bar is located on the right side of the header. Below the header is a navigation menu with options: 'Home', 'Site pages', 'Courses', 'My courses', 'Dashboard', and 'Frequently asked questions'. The 'Home' page is displayed, featuring a 'Calendar' for February 2024, a prominent 'ATTENTION' warning to use Google Chrome or Microsoft Edge, and a 'Course categories' section. The 'Course categories' section is expanded, showing a list of categories with a red arrow pointing to 'Laboratory Biosafety and Biosecurity'. A text box on the right side of the page provides instructions: 'Click here, it will take you to the next page to search for your courses'.

Government of Canada / Gouvernement du Canada

canada.ca | Services | Departments | Français

# PHAC Training Portal

Canada

Search

Home | Site pages | Courses | My courses | Dashboard | Frequently asked questions

Home

Account settings | Sign out

### Calendar

February 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

## ATTENTION

PLEASE ENSURE YOU USE EITHER

Google Chrome or Microsoft Edge when completing courses.

### Course categories

You can modify your areas of interest categories on your [profile account settings](#) page.

▼ Collapse all

- ▼ [Laboratory Biosafety and Biosecurity](#)
  - ▶ [Biological Agents](#) (2)
  - ▶ [Biosafety](#) (8)
  - ▶ [Biosecurity](#) (4)
  - ▶ [Risk Assessments](#) (3)
  - ▶ [Containment / Containment Levels](#) (6)
  - ▶ [Decontamination / Waste Management](#) (6)

## 3.5. Search the courses on PHAC from the list in 3.3

Home » Laboratory Biosafety and Biosecurity

### Laboratory Biosafety and Biosecurity

Account settings Sign out

Course categories:

Laboratory Biosafety and Biosecurity

Go



This portal provides biosafety and biosecurity resources offered by the Centre for Biosecurity (Public Health Agency of Canada), and the Office of Biohazard Containment and Safety (Canadian Food Inspection Agency). These resources will help you minimize biosafety risks and promote compliance with the Human Pathogen and Toxins Act and Regulations, and with the Health of Animals Act and Regulations. The courses have been designed for individuals working in various laboratory environments and/or having different professional roles and responsibilities, including: people interested in biosafety. Of note, although these resources may be used as part of a facility's biosafety and biosecurity training program for new and existing employees, every facility is responsible for determining best practices based on its local risk assessment and all applicable laws and regulations.

**Search your courses here** → Search courses:  Go

Expand all

- ▶ [Biological Agents](#)
- ▶ [Biosafety](#)
- ▶ [Biosecurity](#)

**You can also expand all courses.**

**Reminder: just do the courses on the list in 3.3**

## 3.6. Once you found your course, click on “Enrol me”

The screenshot shows the publichealth.gc.ca/training website. The header includes the Government of Canada logo and navigation links for Home, Site pages, Courses, My courses, Dashboard, and Frequently asked questions. The main content area displays the course title "Containment Level 3 Operational Practices" and provides information about the course, including a description and the date it was updated. A section titled "Self enrolment (Student)" contains a text box with the message "No enrolment key required." and a blue "Enrol me" button. A red arrow points to the "Enrol me" button. The footer includes links for Terms and conditions, Transparency, About us, Contact us, News, Stay connected, and the entia logo.

publichealth.gc.ca/training

Canada

Home Site pages Courses My courses Dashboard Frequently asked questions

Home > Laboratory Biosafety and Biosecurity > Principles of Laboratory Biosafety > Containment Level 3 Operational Practices > Enrol me in this course

Enrolment options Account settings (Francis Arnaldo) Sign out

Enrolment options

Containment Level 3 Operational Practices

The information presented in this course is specific to containment level 3 (CL3) zones. Before taking this course, users should first complete the course which covers General Safety Practices that apply to all containment laboratories as well as the course which covers Operational Practices for containment level 2 (CL2).

At the conclusion of this course, learners will be able to recognize the key physical requirements of a CL3 zone and identify operational practices required for a CL3 zone.

Course updated in September 2014.

Self enrolment (Student)

No enrolment key required.

Enrol me

Version: 2019-04-16

Terms and conditions | Transparency

About us  
About this website  
About system requirements

Contact us  
Questions or Comments?

News  
News releases

Stay connected  
entia  
by Instruk Media  
powered by Moodle

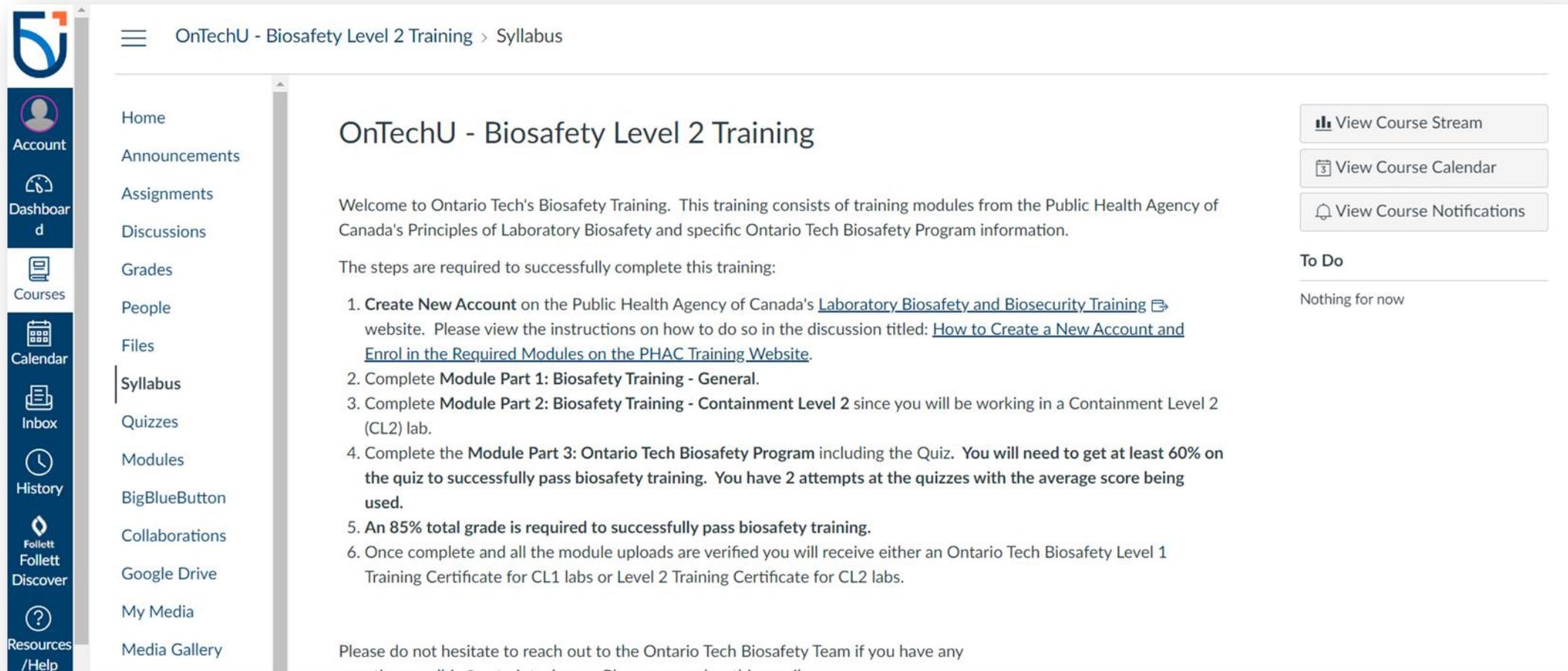
HEALTH TRAVEL SERVICE CANADA JOBS ECONOMY Canada.ca

## 3.7. Complete the quizzes and upload certificates from PHAC

- Once this is completed, you will receive your **OnTechU-Biosafety Level 1 Training**
- Please do not hesitate to reach out to the Ontario Tech Biosafety Team if you have any questions: [radbio@ontariotechu.ca](mailto:radbio@ontariotechu.ca). Please remember this email.



# 4.1. OnTechU-Biosafety Level 2 Training: Read the Instructions



The screenshot shows the OnTechU interface for the Biosafety Level 2 Training syllabus. On the left is a vertical navigation menu with icons and labels for Account, Dashboard, Courses, Calendar, Inbox, History, Follett Follett Discover, and Resources/Help. The main content area is titled 'OnTechU - Biosafety Level 2 Training' and includes a welcome message, a list of steps to complete the training, and contact information for the Biosafety Team. On the right side, there are three buttons: 'View Course Stream', 'View Course Calendar', and 'View Course Notifications', followed by a 'To Do' section which is currently empty.

OnTechU - Biosafety Level 2 Training > Syllabus

## OnTechU - Biosafety Level 2 Training

Welcome to Ontario Tech's Biosafety Training. This training consists of training modules from the Public Health Agency of Canada's Principles of Laboratory Biosafety and specific Ontario Tech Biosafety Program information.

The steps are required to successfully complete this training:

1. **Create New Account** on the Public Health Agency of Canada's [Laboratory Biosafety and Biosecurity Training](#) website. Please view the instructions on how to do so in the discussion titled: [How to Create a New Account and Enrol in the Required Modules on the PHAC Training Website](#).
2. Complete **Module Part 1: Biosafety Training - General**.
3. Complete **Module Part 2: Biosafety Training - Containment Level 2** since you will be working in a Containment Level 2 (CL2) lab.
4. Complete the **Module Part 3: Ontario Tech Biosafety Program** including the Quiz. **You will need to get at least 60% on the quiz to successfully pass biosafety training. You have 2 attempts at the quizzes with the average score being used.**
5. **An 85% total grade is required to successfully pass biosafety training.**
6. Once complete and all the module uploads are verified you will receive either an Ontario Tech Biosafety Level 1 Training Certificate for CL1 labs or Level 2 Training Certificate for CL2 labs.

Please do not hesitate to reach out to the Ontario Tech Biosafety Team if you have any questions: [radbio@ontariotechu.ca](mailto:radbio@ontariotechu.ca). Please remember this email

**View Course Stream**

**View Course Calendar**

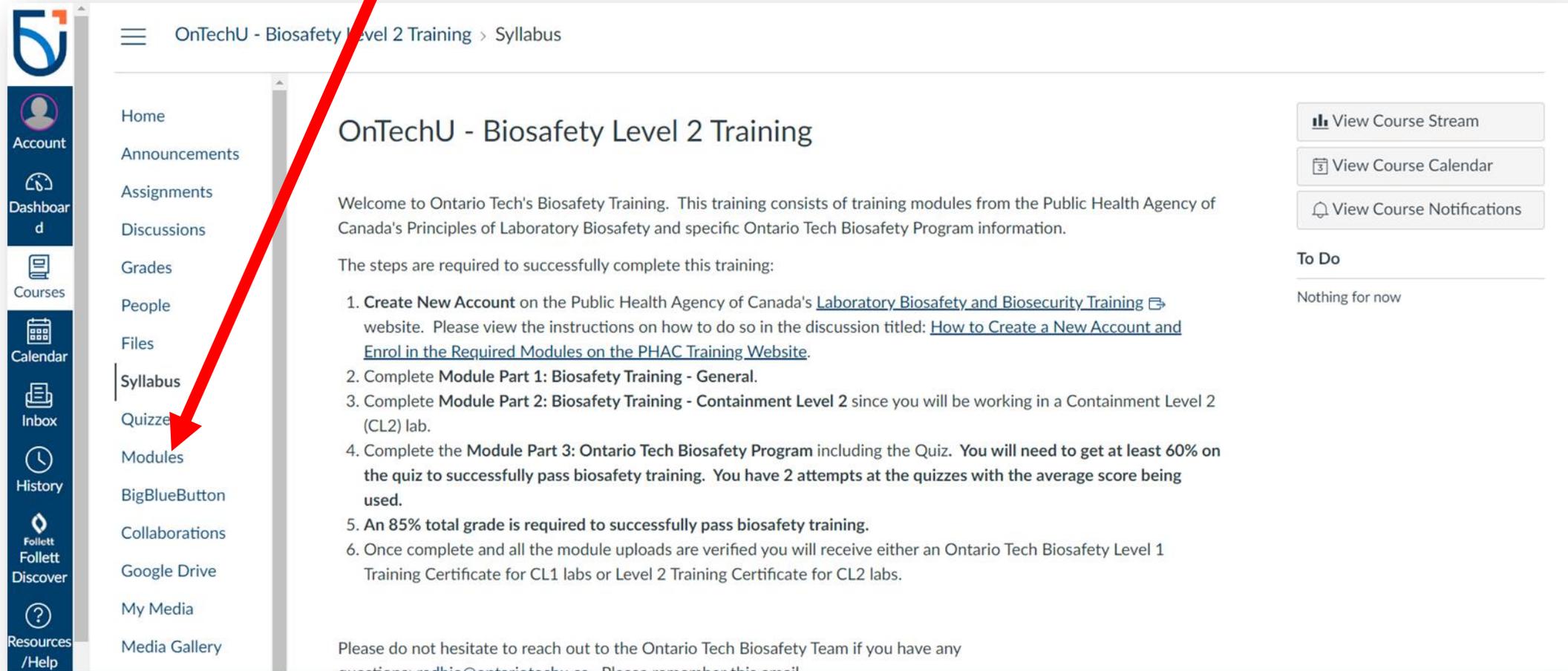
**View Course Notifications**

**To Do**

Nothing for now



## 4.2. Click on “Modules” on Canvas



The screenshot displays the Canvas LMS interface for a course titled "OnTechU - Biosafety Level 2 Training". The left-hand navigation sidebar is visible, with the "Modules" option highlighted by a red arrow. The main content area shows the course title and a welcome message. Below the welcome message, there is a list of steps required to complete the training. The right-hand sidebar contains options to view the course stream, calendar, and notifications, as well as a "To Do" section.

OnTechU - Biosafety Level 2 Training > Syllabus

Home  
Announcements  
Assignments  
Discussions  
Grades  
People  
Files  
Syllabus  
Quizzes  
Modules  
BigBlueButton  
Collaborations  
Google Drive  
My Media  
Media Gallery

### OnTechU - Biosafety Level 2 Training

Welcome to Ontario Tech's Biosafety Training. This training consists of training modules from the Public Health Agency of Canada's Principles of Laboratory Biosafety and specific Ontario Tech Biosafety Program information.

The steps are required to successfully complete this training:

1. **Create New Account** on the Public Health Agency of Canada's [Laboratory Biosafety and Biosecurity Training](#) website. Please view the instructions on how to do so in the discussion titled: [How to Create a New Account and Enrol in the Required Modules on the PHAC Training Website](#).
2. Complete **Module Part 1: Biosafety Training - General**.
3. Complete **Module Part 2: Biosafety Training - Containment Level 2** since you will be working in a Containment Level 2 (CL2) lab.
4. Complete the **Module Part 3: Ontario Tech Biosafety Program** including the Quiz. **You will need to get at least 60% on the quiz to successfully pass biosafety training. You have 2 attempts at the quizzes with the average score being used.**
5. **An 85% total grade is required to successfully pass biosafety training.**
6. Once complete and all the module uploads are verified you will receive either an Ontario Tech Biosafety Level 1 Training Certificate for CL1 labs or Level 2 Training Certificate for CL2 labs.

Please do not hesitate to reach out to the Ontario Tech Biosafety Team if you have any questions: [redbie@ontariotechu.ca](mailto:redbie@ontariotechu.ca). Please remember this email

View Course Stream  
View Course Calendar  
View Course Notifications

To Do  
Nothing for now

# 4.3. List of PHAC Modules and Canvas Quizzes

## Part 1: Biosafety Training-General

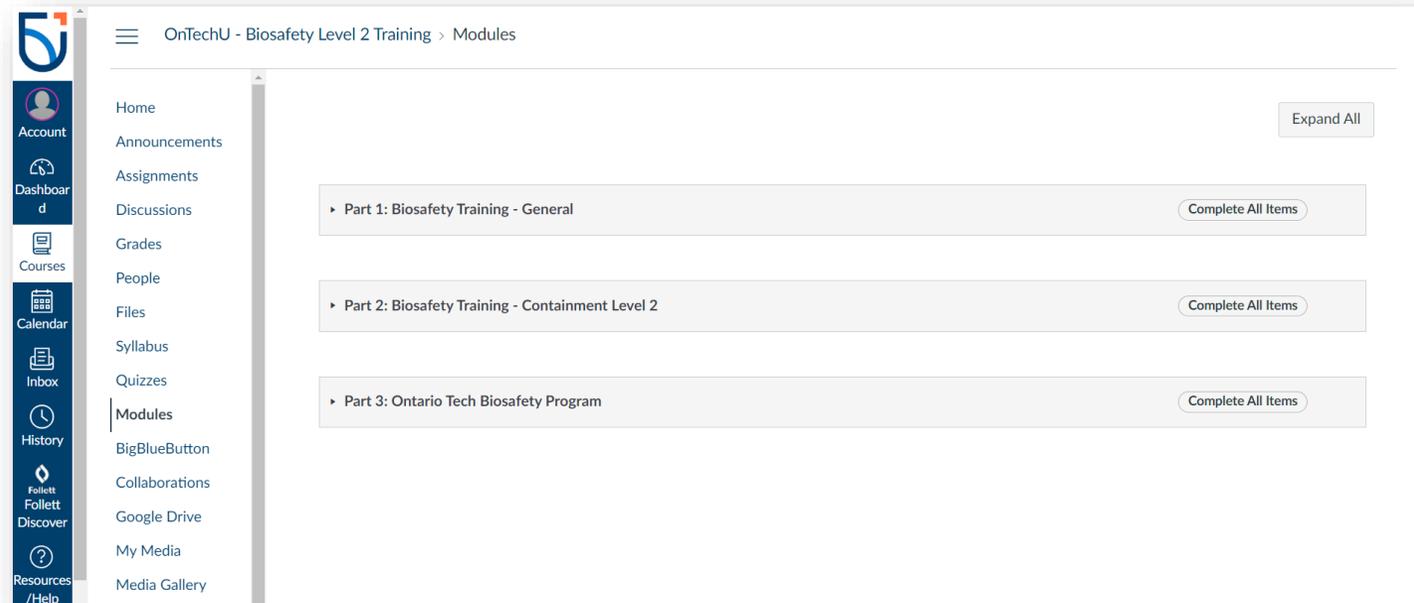
- Canvas-Quiz (Biosafety Training Overview)
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- PHAC-Personal Protective Equipment
- PHAC-General Safety for Containment Labs
- PHAC-Containment Level 1: Physical Design and Operational Practices
- PHAC-Decontamination in the laboratory
- PHAC-Chemical Disinfectants
- PHAC-Autoclaves

## Part 2: Biosafety Training-Containment Level 2\*

- PHAC- Containment Level 2 Laboratories
- PHAC- Biological Safety Cabinets

## Part 3: Ontario Tech Biosafety Program

- Canvas-Go over the pages
- Quiz-Ontario Tech Biosafety Program



## 4.4. Access the courses on PHAC from the list in 4.3

The screenshot shows the PHAC Training Portal website. At the top, there is a navigation bar with the Government of Canada logo and text in both English and French, along with links for 'canada.ca', 'Services', 'Departments', and 'Français'. The main header features the 'PHAC Training Portal' title, a red maple leaf logo, and the 'Canada' logo. A search bar is located on the right side of the header. Below the header is a navigation menu with options: 'Home', 'Site pages', 'Courses', 'My courses', 'Dashboard', and 'Frequently asked questions'. The 'Home' page is currently selected. On the right side of the page, there are buttons for 'Account settings' and 'Sign out'. The main content area includes a 'Calendar' for February 2024, a large 'ATTENTION' warning box with a red exclamation mark icon, and a 'Course categories' section. The 'ATTENTION' box states: 'PLEASE ENSURE YOU USE EITHER Google Chrome or Microsoft Edge when completing courses.' The 'Course categories' section lists several categories with expandable arrows: 'Laboratory Biosafety and Biosecurity' (indicated by a red arrow), 'Biological Agents (2)', 'Biosafety (8)', 'Biosecurity (4)', 'Risk Assessments (3)', 'Containment / Containment Levels (6)', and 'Decontamination / Waste Management (6)'. A 'Collapse all' link is also present.

Government of Canada / Gouvernement du Canada

canada.ca | Services | Departments | Français

PHAC Training Portal

Canada

Home | Site pages | Courses | My courses | Dashboard | Frequently asked questions

Account settings | Sign out

Calendar

February 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

**ATTENTION** PLEASE ENSURE YOU USE EITHER  
Google Chrome or Microsoft Edge when completing courses.

**Course categories**

You can modify your areas of interest categories on your [profile account settings](#) page.

▼ Collapse all

- ▼ [Laboratory Biosafety and Biosecurity](#)
- ▶ [Biological Agents \(2\)](#)
- ▶ [Biosafety \(8\)](#)
- ▶ [Biosecurity \(4\)](#)
- ▶ [Risk Assessments \(3\)](#)
- ▶ [Containment / Containment Levels \(6\)](#)
- ▶ [Decontamination / Waste Management \(6\)](#)

Click here, it will take you to the next page to search for your courses

## 4.5. Search the courses on PHAC from the list in 4.3

Home > Laboratory Biosafety and Biosecurity

### Laboratory Biosafety and Biosecurity

Account settings Sign out

Course categories:

Laboratory Biosafety and Biosecurity

Go



This portal provides biosafety and biosecurity resources offered by the Centre for Biosecurity (Public Health Agency of Canada), and the Office of Biohazard Containment and Safety (Canadian Food Inspection Agency). These resources will help you minimize biosafety risks and promote compliance with the Human Pathogen and Toxins Act and Regulations, and with the Health of Animals Act and Regulations. The courses have been designed for individuals working in various laboratory environments and/or having different professional roles and responsibilities, including: people interested in biosafety. Of note, although these resources may be used as part of a facility's biosafety and biosecurity training program for new and existing employees, every facility is responsible for determining best practices based on its local risk assessment and all applicable laws and regulations.

**Search your courses here** → Search courses:  Go

▶ [Expand all](#)

- ▶ [Biological Agents](#)
- ▶ [Biosafety](#)
- ▶ [Biosecurity](#)

**You can also expand all courses.**

**Reminder: just do the courses on the list in 4.3**

## 4.6. Once you found your course, click on “Enrol me”

The screenshot shows the publichealth.gc.ca/training website. The header includes the Government of Canada logo and navigation links for Home, Site pages, Courses, My courses, Dashboard, and Frequently asked questions. The main content area displays the course title "Containment Level 3 Operational Practices" and provides information about the course, including a note that it is specific to CL3 zones and requires completion of a CL2 course. Below the course information, there is a section for "Self enrolment (Student)" with a text box and the text "No enrolment key required." A blue "Enrol me" button is located below the text box, and a red arrow points to it. The footer contains links for Terms and conditions, Transparency, About us, Contact us, News, and Stay connected, along with the entia logo and the Canada.ca website address.

## 4.7. Complete the quizzes and upload certificates from PHAC

- Once this is completed, you will receive your **OnTechU-Biosafety Level 2 Training**
- Please do not hesitate to reach out to the Ontario Tech Biosafety Team if you have any questions: [radbio@ontariotechu.ca](mailto:radbio@ontariotechu.ca). Please remember this email.



# 5.1. OnTechU- Biosafety Training- Medical Science Laboratory: Read the Instructions

OnTechU - Biosafety Training - Medical Science Laboratory > Syllabus

Home  
Assignments  
Discussions  
Grades  
People  
Files  
**Syllabus**  
Quizzes  
Modules  
BigBlueButton  
Collaborations  
Google Drive  
My Media  
Media Gallery  
Wiley Course Resources

## OnTechU - Biosafety Training - Medical Science Laboratory

Welcome to Ontario Tech's Biosafety Training. This training consists of training modules from the Public Health Agency of Canada's Principles of Laboratory Biosafety and specific Ontario Tech Biosafety Program information.

The steps are required to successfully complete this training:

1. **Create New Account** on the Public Health Agency of Canada's [Laboratory Biosafety and Biosecurity Training website](#). Please view the instructions on how to do so in the discussion titled: [How to Create a New Account and Enrol in the Required Modules on the PHAC Training Website](#).
2. Complete all the assignments and quizzes in the module. **A score of 85% or greater on the quizzes is required to pass.**
3. Once all the correct certificates are uploaded, confirmation of completion will be emailed to the course instructor.

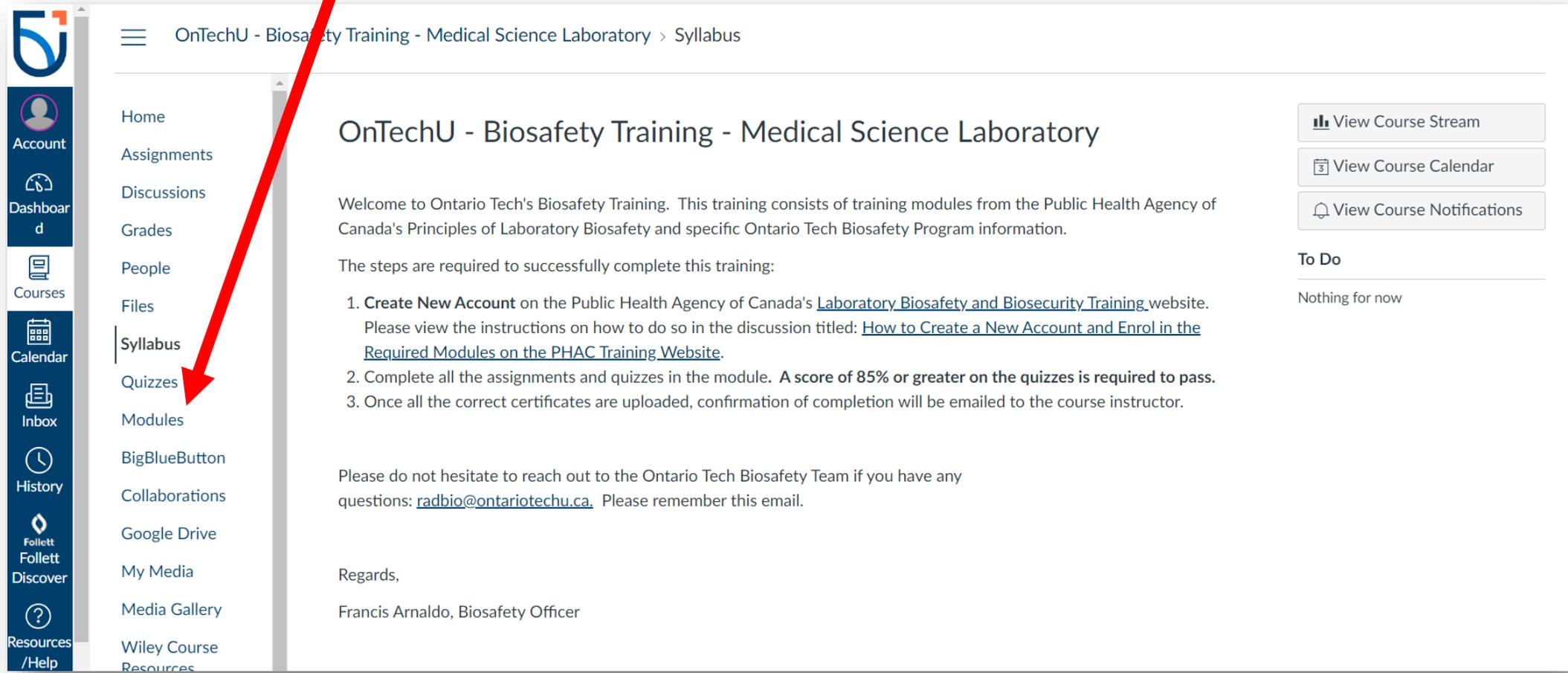
Please do not hesitate to reach out to the Ontario Tech Biosafety Team if you have any questions: [radbio@ontariotechu.ca](mailto:radbio@ontariotechu.ca). Please remember this email.

Regards,  
Francis Arnaldo, Biosafety Officer

View Course Stream  
View Course Calendar  
View Course Notifications

To Do  
Nothing for now

## 5.2. Click on “Modules” on Canvas



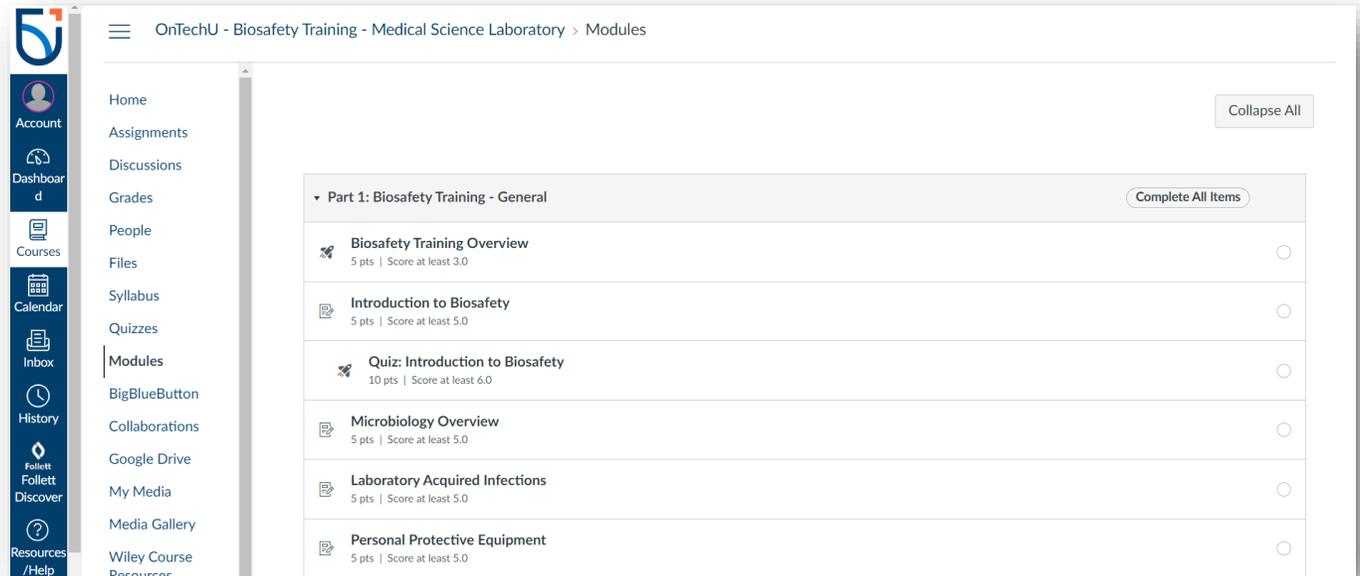
The screenshot shows the Canvas LMS interface for a course titled "OnTechU - Biosafety Training - Medical Science Laboratory". The left sidebar contains a navigation menu with the following items: Home, Assignments, Discussions, Grades, People, Files, **Syllabus**, Quizzes, Modules, BigBlueButton, Collaborations, Google Drive, My Media, Media Gallery, and Wiley Course Resources. A red arrow points from the title "5.2. Click on 'Modules' on Canvas" to the "Modules" link in the sidebar. The main content area displays the course title and a welcome message: "Welcome to Ontario Tech's Biosafety Training. This training consists of training modules from the Public Health Agency of Canada's Principles of Laboratory Biosafety and specific Ontario Tech Biosafety Program information." Below this, it states "The steps are required to successfully complete this training:" followed by a numbered list: 1. Create New Account on the Public Health Agency of Canada's [Laboratory Biosafety and Biosecurity Training website](#). Please view the instructions on how to do so in the discussion titled: [How to Create a New Account and Enrol in the Required Modules on the PHAC Training Website](#). 2. Complete all the assignments and quizzes in the module. **A score of 85% or greater on the quizzes is required to pass.** 3. Once all the correct certificates are uploaded, confirmation of completion will be emailed to the course instructor. At the bottom, it says "Please do not hesitate to reach out to the Ontario Tech Biosafety Team if you have any questions: [radbio@ontariotechu.ca](mailto:radbio@ontariotechu.ca). Please remember this email." and "Regards, Francis Arnaldo, Biosafety Officer". On the right side, there are three buttons: "View Course Stream", "View Course Calendar", and "View Course Notifications", followed by a "To Do" section which is currently empty.

# 5.3. List of PHAC Modules and Canvas Quizzes

## Part 1: Biosafety Training-General

- Canvas-Quiz (Biosafety Training Overview)**
- PHAC-Introduction to Biosafety
- Canvas-Quiz (Introduction to Biosafety)**
- PHAC-Microbiology Overview
- PHAC-Laboratory Acquired Infections
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- PHAC-General Safety for Containment Labs
- PHAC-Containment Level 1: Physical Design and Operational Practices
- PHAC-Containment Level 2: Operational Practices
- PHAC-Biological Safety Cabinets

- PHAC-Decontamination in the laboratory
- PHAC-Chemical Disinfectants
- PHAC-Autoclaves



# 5.4. Access the courses on PHAC from the list in 5.3

The screenshot shows the PHAC Training Portal interface. At the top, there is a navigation bar with the Government of Canada logo and the text 'Government of Canada' and 'Gouvernement du Canada'. On the right, there are links for 'canada.ca', 'Services', 'Departments', and 'Français'. The main header area features the 'PHAC Training Portal' title, a red maple leaf logo, and the 'Canada' logo. A search bar is located on the right side of the header. Below the header, there is a navigation menu with options: 'Home', 'Site pages', 'Courses', 'My courses', 'Dashboard', and 'Frequently asked questions'. The 'Home' page is currently selected. On the right side of the page, there are buttons for 'Account settings' and 'Sign out'. The main content area is divided into two columns. The left column contains a 'Calendar' for February 2024, showing a grid of dates from Sunday to Saturday. The right column features a large red exclamation mark icon and a warning message: 'ATTENTION PLEASE ENSURE YOU USE EITHER Google Chrome or Microsoft Edge when completing courses.' Below this, there is a section titled 'Course categories' with a blue header. Underneath, there is a note: 'You can modify your areas of interest categories on your [profile account settings](#) page.' A list of course categories is displayed, each with a dropdown arrow and a count in parentheses: 'Laboratory Biosafety and Biosecurity' (2), 'Biological Agents' (2), 'Biosafety' (8), 'Biosecurity' (4), 'Risk Assessments' (3), 'Containment / Containment Levels' (6), and 'Decontamination / Waste Management' (6). A red arrow points from the text 'Click here, it will take you to the next page to search for your courses' to the 'Laboratory Biosafety and Biosecurity' category.

Government of Canada / Gouvernement du Canada

canada.ca | Services | Departments | Français

## PHAC Training Portal

Canada

Home | Site pages | Courses | My courses | Dashboard | Frequently asked questions

Account settings | Sign out

### Home

#### Calendar

February 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

### ATTENTION

PLEASE ENSURE YOU USE EITHER Google Chrome or Microsoft Edge when completing courses.

#### Course categories

You can modify your areas of interest categories on your [profile account settings](#) page.

▼ Collapse all

- ▼ [Laboratory Biosafety and Biosecurity](#) (2)
  - ▶ [Biological Agents](#) (2)
  - ▶ [Biosafety](#) (8)
  - ▶ [Biosecurity](#) (4)
  - ▶ [Risk Assessments](#) (3)
  - ▶ [Containment / Containment Levels](#) (6)
  - ▶ [Decontamination / Waste Management](#) (6)

Click here, it will take you to the next page to search for your courses

## 5.5. Search the courses on PHAC from the list in 3.3

Home > Laboratory Biosafety and Biosecurity

### Laboratory Biosafety and Biosecurity

Account settings Sign out

Course categories:

Laboratory Biosafety and Biosecurity

Go



This portal provides biosafety and biosecurity resources offered by the Centre for Biosecurity (Public Health Agency of Canada), and the Office of Biohazard Containment and Safety (Canadian Food Inspection Agency). These resources will help you minimize biosafety risks and promote compliance with the Human Pathogen and Toxins Act and Regulations, and with the Health of Animals Act and Regulations. The courses have been designed for individuals working in various laboratory environments and/or having different professional roles and responsibilities, including: people interested in biosafety. Of note, although these resources may be used as part of a facility's biosafety and biosecurity training program for new and existing employees, every facility is responsible for determining best practices based on its local risk assessment and all applicable laws and regulations.

**Search your courses here** → Search courses:  Go

▶ [Expand all](#)

- ▶ [Biological Agents](#)
- ▶ [Biosafety](#)
- ▶ [Biosecurity](#)

**You can also expand all courses.**

**Reminder: just do the courses on the list in 5.3**

## 5.6. Once you found your course, click on “Enrol me”

The screenshot shows the publichealth.gc.ca/training website. The page title is "publichealth.gc.ca/training" and the Canada logo is visible. The breadcrumb trail is: Home > Laboratory Biosafety and Biosecurity > Principles of Laboratory Biosafety > Containment Level 3 Operational Practices > Enrol me in this course. The main heading is "Enrolment options" with a search bar and "Account settings (Francis Arnaldo) Sign out" links. Below this, there is a section for "Containment Level 3 Operational Practices" with a description: "The information presented in this course is specific to containment level 3 (CL3) zones. Before taking this course, users should first complete the course which covers General Safety Practices that apply to all containment laboratories as well as the course which covers Operational Practices for containment level 2 (CL2). At the conclusion of this course, learners will be able to recognize the key physical requirements of a CL3 zone and identify operational practices required for a CL3 zone. Course updated in September 2014." Under the "Self enrolment (Student)" section, it says "No enrolment key required." and there is a blue "Enrol me" button. A red arrow points to this button. The footer contains links for "Terms and conditions", "Transparency", "About us", "Contact us", "News", and "Stay connected".

## 5.7. Complete the quizzes and upload certificates

- Once this is completed, you will receive your OnTechU-Biosafety Training –Medical Science Laboratory
- Please do not hesitate to reach out to the Ontario Tech Biosafety Team if you have any questions: [radbio@ontariotechu.ca](mailto:radbio@ontariotechu.ca). Please remember this email.

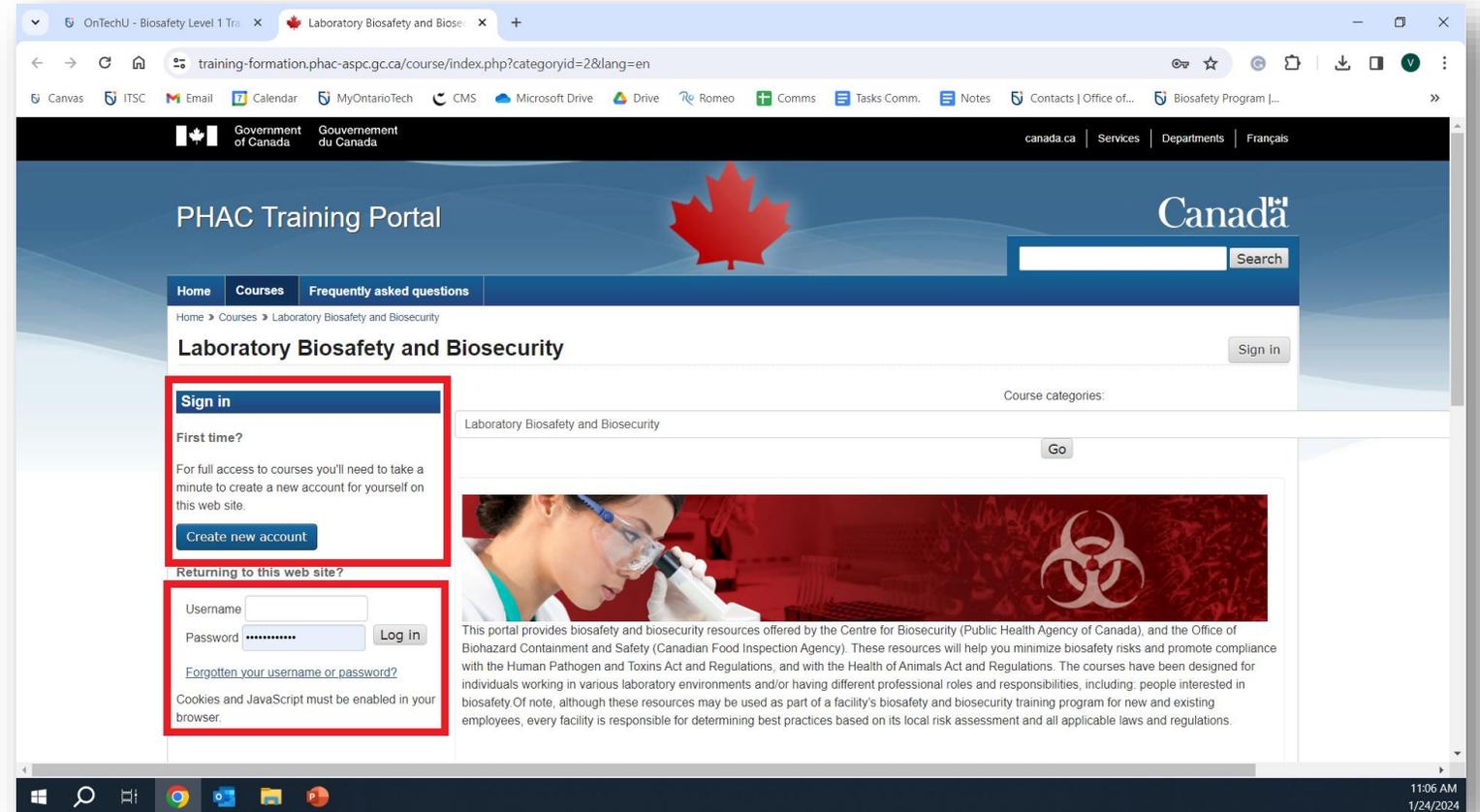


# FAQs-How to create a PHAC account?

1. Go to [Laboratory Biosafety and Biosecurity Training](#)
2. Click on “Create account”
  - If you already have an account, Click on “Log in”
3. Complete the registration form

## Notes:

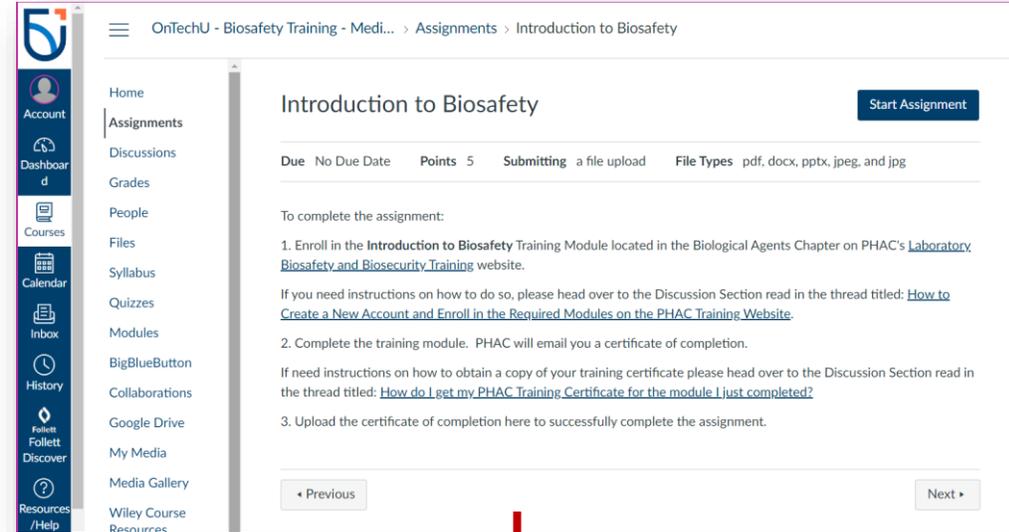
- You can use any email account; it does not have to be a school or organization email. Just make sure you have access to that email.
- Please use your entire name, this name will be placed on the certificate from PHAC.



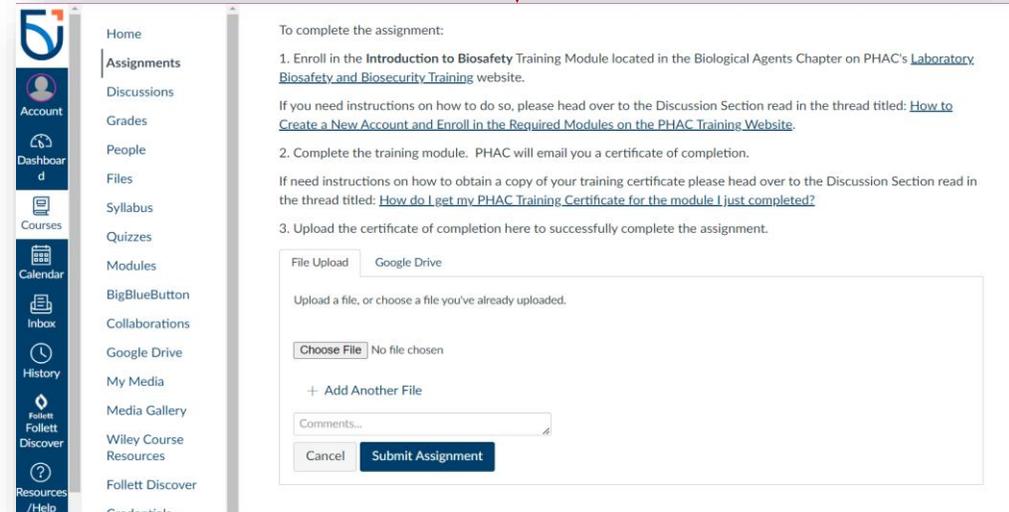
The screenshot shows a web browser window displaying the PHAC Training Portal. The page title is "PHAC Training Portal" and the URL is "training-formation.phac-aspc.gc.ca/course/index.php?categoryId=2&lang=en". The page features a navigation menu with "Home", "Courses", and "Frequently asked questions". The main content area is titled "Laboratory Biosafety and Biosecurity" and includes a "Sign in" button. A red box highlights the "Sign in" section, which contains the following text: "First time? For full access to courses you'll need to take a minute to create a new account for yourself on this web site. Create new account". Below this, another red box highlights the "Returning to this web site?" section, which contains a "Username" field, a "Password" field, and a "Log in" button. A link for "Forgotten your username or password?" is also visible. The page footer includes the text: "This portal provides biosafety and biosecurity resources offered by the Centre for Biosecurity (Public Health Agency of Canada), and the Office of Biohazard Containment and Safety (Canadian Food Inspection Agency). These resources will help you minimize biosafety risks and promote compliance with the Human Pathogen and Toxins Act and Regulations, and with the Health of Animals Act and Regulations. The courses have been designed for individuals working in various laboratory environments and/or having different professional roles and responsibilities, including: people interested in biosafety. Of note, although these resources may be used as part of a facility's biosafety and biosecurity training program for new and existing employees, every facility is responsible for determining best practices based on its local risk assessment and all applicable laws and regulations." The system tray at the bottom shows the time as 11:06 AM on 1/24/2024.

# FAQs-How to upload PHAC certificates to Canvas?

1. Download your certificate from PHAC for the corresponding assignment from Canvas.
2. Go to Canvas “Modules”, then click on “Assignment”. Look for this Logo → 
3. Click on “Start Assignment”
4. Click on “Choose a File”. Upload the corresponding certificate.
5. Click on “Submit Assignment”.
6. Repeat steps 1 to 5 for all the assignments in your course.



The screenshot shows the Canvas interface for an assignment titled "Introduction to Biosafety". The left sidebar contains navigation options like Home, Assignments, Discussions, Grades, People, Files, Syllabus, Quizzes, Modules, BigBlueButton, Collaborations, Google Drive, My Media, Media Gallery, Wiley Course Resources, and Follett Discover. The main content area shows the assignment details: "Due No Due Date", "Points 5", "Submitting a file upload", and "File Types pdf, docx, pptx, jpeg, and jpg". A "Start Assignment" button is visible in the top right. Below the details, there are instructions for completing the assignment, including enrolling in the training module and uploading a certificate of completion. A red arrow points from the "Start Assignment" button to the "Choose File" button in the next screenshot.



The screenshot shows the file upload interface in Canvas. The left sidebar is the same as in the previous screenshot. The main content area shows the assignment instructions. Below the instructions, there is a "File Upload" section with a "Choose File" button and a "Submit Assignment" button. A red arrow from the previous screenshot points to the "Choose File" button.