

AWS Academy

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at the University of Queensland



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

1 Introduction

In this course we use AWS Academy as a resource to learn how to deploy and manage infrastructure on Amazon Web Services (AWS), as an example of a cloud based Infrastructure as a Service (IaaS) and Platform as a Service (PaaS) environment. You have been enrolled in three AWS Academy courses, as well as the AWS Learner Lab. We expect you to work your way through at least two of the AWS Academy courses as self-study material. The [CSSE6400 course schedule](https://csse6400.uqcloud.net/schedule/)¹ provides a guide as to when we expect you to complete particular modules in the [AWS Academy Cloud Foundations](https://awsacademy.instructure.com/courses/73523)², and [AWS Academy Cloud Architecting](https://awsacademy.instructure.com/courses/73526)³ courses.

The [AWS Academy Cloud Developing](https://awsacademy.instructure.com/courses/73525)⁴ course is provided as a supplementary resource. It covers much of the same content as [AWS Academy Cloud Architecting](https://awsacademy.instructure.com/courses/73526)⁵, but [AWS Academy Cloud Architecting](https://awsacademy.instructure.com/courses/73526)⁶ does so in a more structured and progressive manner. [AWS Academy Cloud Developing](https://awsacademy.instructure.com/courses/73525)⁷ treats each topic a little more independently. The advantage of this is that it also covers a couple of other topics, such as REST APIs and Containers, that you may find useful.

[AWS Academy Learner Lab](https://awsacademy.instructure.com/courses/73527)⁸ will be used in practical sessions from week 4 onwards. You will also use it to implement your solution to the Cloud Infrastructure assignment.

You need to accept your enrolment into:

- [AWS Academy Cloud Foundations \[73523\]](https://awsacademy.instructure.com/courses/73523) course;
- [AWS Academy Cloud Architecting \[73526\]](https://awsacademy.instructure.com/courses/73526) course;
- [AWS Academy Cloud Developing \[73525\]](https://awsacademy.instructure.com/courses/73525) course; and
- [AWS Academy Learner Lab \[73527\]](https://awsacademy.instructure.com/courses/73527) course.

And then login to the AWS Academy and navigate to your courses.

2 AWS Academy

AWS Academy is an educational platform to teach you how to use AWS services. The content has been created by key developers in the AWS team.

¹<https://csse6400.uqcloud.net/schedule/>

²<https://awsacademy.instructure.com/courses/73523>

³<https://awsacademy.instructure.com/courses/73526>

⁴<https://awsacademy.instructure.com/courses/73525>

⁵<https://awsacademy.instructure.com/courses/73526>


⁶<https://awsacademy.instructure.com/courses/73526>




⁷<https://awsacademy.instructure.com/courses/73525>

⁸<https://awsacademy.instructure.com/courses/73527>

2.1 Enrol in AWS Academy

1. Set up your AWS Academy account by responding to your email invitation and clicking **Get Started**. The email invitation will come from AWS Academy. Check your junk/spam folders.

Course Invitation  Inbox x  

AWS Academy <notifications@instructure.com> 13:33 (14 minutes ago)   
to me ▾

You've been invited to participate in a class at AWS Academy . The class is called AWS Academy Learner Lab [73527]. Course role: Student

Name: 

Email: 

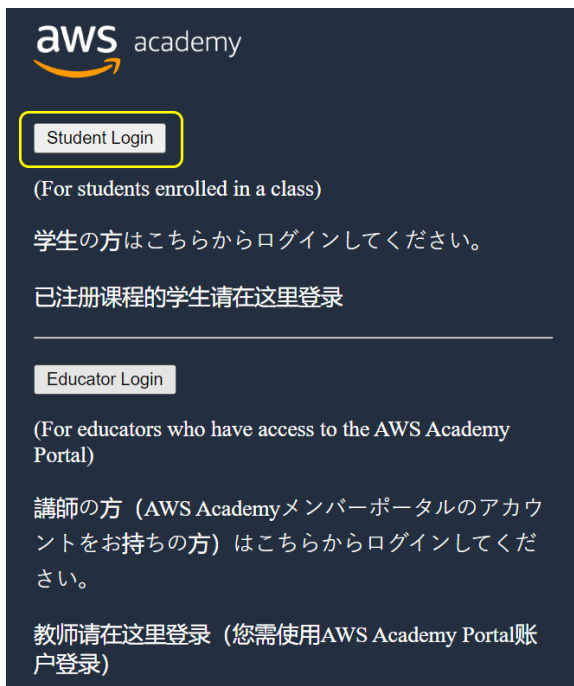
Username: **none**

You'll need to register with Canvas before you can participate in the class.

[Get Started](#)



2. Go to https://www.awsacademy.com/vforcesite/LMS_Login to login.
 - (a) Press **Student Login**.
 - (b) Use the email address that received the email invitation.



aws academy

[Student Login](#)

(For students enrolled in a class)

学生の方はこちらからログインしてください。

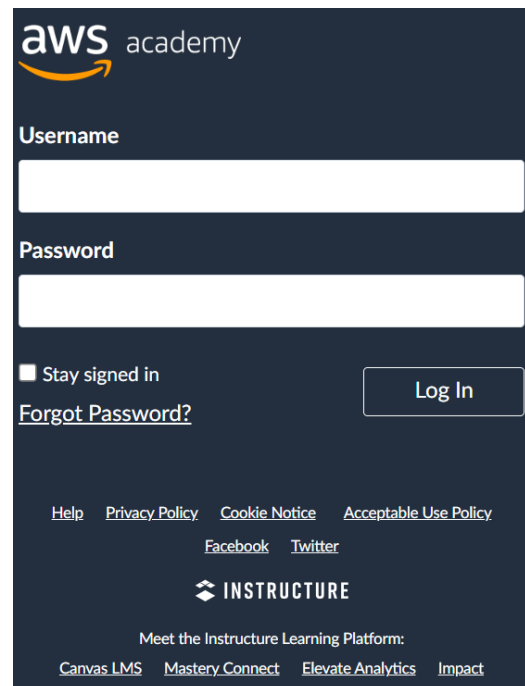
已注册课程的学生请在这里登录

[Educator Login](#)

(For educators who have access to the AWS Academy Portal)

講師の方 (AWS Academyメンバーポータルアカウントをお持ちの方) ははこちらからログインしてください。

教师请在这里登录 (您需使用AWS Academy Portal账户登录)



aws academy

Username


Password

Stay signed in [Log In](#)

[Forgot Password?](#)

[Help](#) [Privacy Policy](#) [Cookie Notice](#) [Acceptable Use Policy](#)

[Facebook](#) [Twitter](#)

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[Canvas LMS](#) [Mastery Connect](#) [Elevate Analytics](#) [Impact](#)

2.2 Exploring the Interface

Once you login, you should see your account dashboard. This lists the courses in which you are enrolled.

The dashboard features a notification banner at the top: "Notifications. Tell us how and when you would like to be notified of events in Canvas. Notification Preferences". Below this is the "Dashboard" title and a sidebar menu with options: Account, Dashboard, Courses, Calendar, Inbox, History, and Help. The main area displays four course cards:

- AWS Academy Cloud Architecting...** (ACAv2EN-LTI113-73526)
- AWS Academy Cloud Developing [...]** (ACDv2EN-LTI113-73525)
- AWS Academy Cloud Foundations...** (ACFv2EN-LTI113-73523)
- AWS Academy Learner Lab [73527]** (ALLv1EN-LTI113-73527)

On the right side, there are sections for "To Do" (Nothing for now), "Recent Feedback" (Nothing for now), and a "View Grades" button.

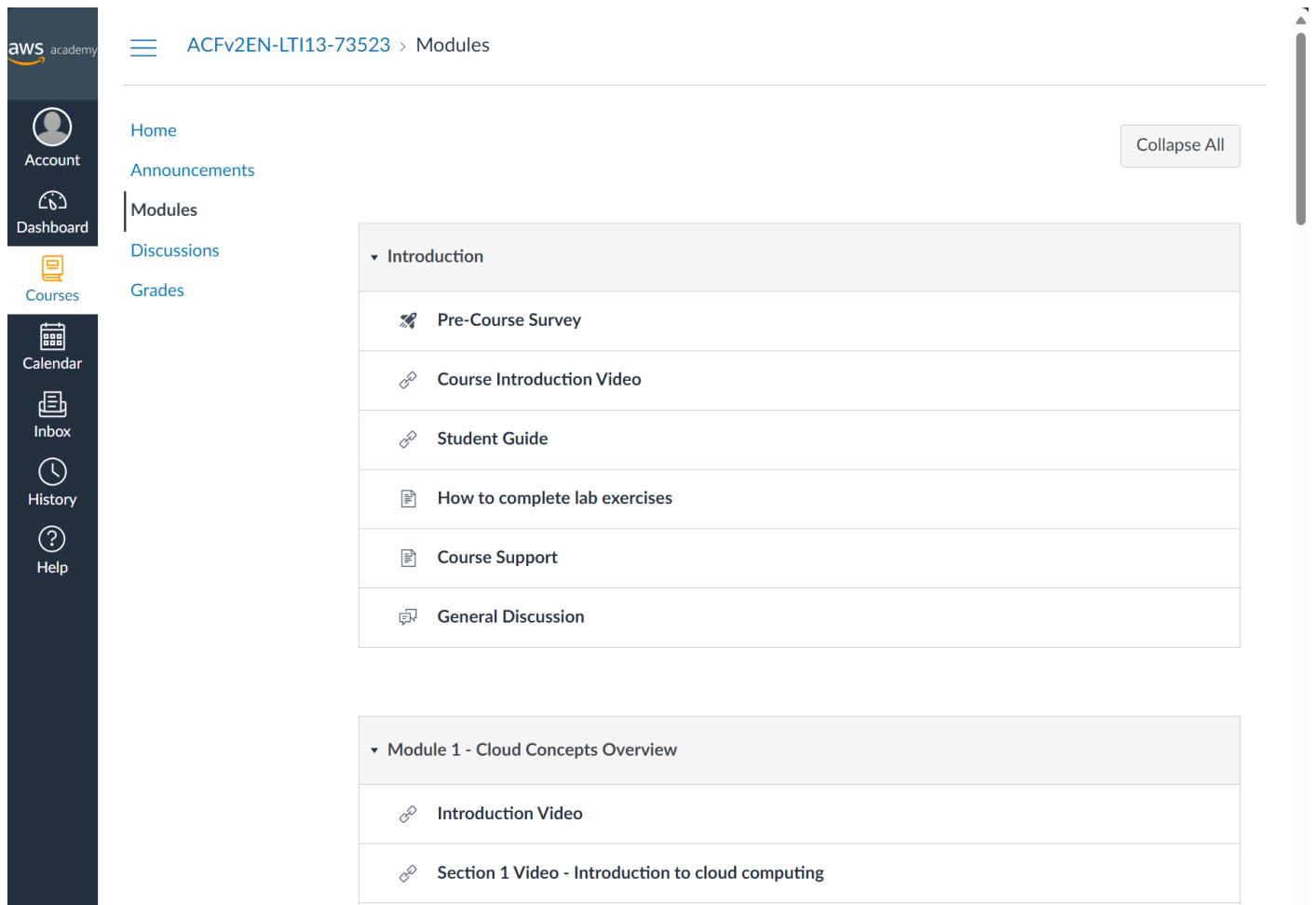
Click on a course to go to its home page.

The course home page for "AWS Academy Cloud Foundations [73523]" includes a sidebar menu with options: Home, Announcements, Modules, Discussions, Grades, Courses, Calendar, Inbox, History, and Help. The main content area features a header with the course title and a banner image of a classical building with the AWS Academy logo. Below the banner, a description states: "AWS Academy Cloud Foundations is intended for students who seek an overall understanding of cloud computing concepts, independent of specific technical roles. It provides a detailed overview of cloud concepts, AWS core services, security, architecture, pricing, and support. This course helps you to prepare for the [AWS Certified Cloud Practitioner](#) exam. Review the [Certification Resources](#) module for details about the exam."

Under the heading "Get Started", there are three icons: a laptop, speech bubbles, and a headset with a question mark. Below these icons, instructions read: "Select [Modules](#) to start the course. Use [Discussions](#) to connect with peers. Visit [Course Support](#) for help."

On the right side, there are buttons for "View Course Stream", "View Course Calendar", and "View Course Notifications", followed by "To Do" (Nothing for now) and "Recent Feedback" (Nothing for now) sections.

Navigate to the Modules tab and you will see the list of modules and their learning content for the course. The content includes videos, readings, and self-assessment exercises. The self-assessment exercises are to help you to know that you understand the content. These are not used as part of your assessment in this course.



Explore the AWS Academy interface and courses. Start working through the [AWS Academy Cloud Foundations⁹](https://awsacademy.instructure.com/courses/73523) course. Try to complete at least half of it this week.

⁹<https://awsacademy.instructure.com/courses/73523>