

Introduction and Tutorials

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Module Code Change

- The module code was EBU750U
- It has been changed to EBU7501
- The module name is still the same
 - Cloud Computing

Module Summary By Weeks

- Week 1
 - Introduction to cloud computing
 - AWS EC2
 - Cloud Scalability
 - Cloud Security and Trust
- Week 2
 - GPU Architecture
 - GPU CUDA C Programming
- Week 3
 - Big Data
 - NoSQL
- Week 4
 - Data Centre Design
 - Hadoop/MapReduced

Module Assessment and Exam

- Assessment
 - Coursework: 3 Labs (or 4 Labs)
 - 1 Class Test (based on the first 2 labs)
 - Total mark for coursework (Labs and class test): 25%
 - Exam: 75%

Two Lecturers

- Dr Gokop Goteng: First Two Weeks
- Dr Atm Alam: Last Two Weeks

Register on AWS Academy

- Each student needs to register on Amazon Web Services (AWS) Academy portal for the labs.
- You will receive two emails to register on AWS Canvas:
 - One for AWS Academy Cloud Developer
 - The other for AWS Academy Cloud Foundations
- When you receive each email:
 - Click “Get Started”
 - You will see a popup login interface, choose “Student Login”

Register on AWS

- When you receive each email, click “Get Started”
- Choose “Student Login”



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

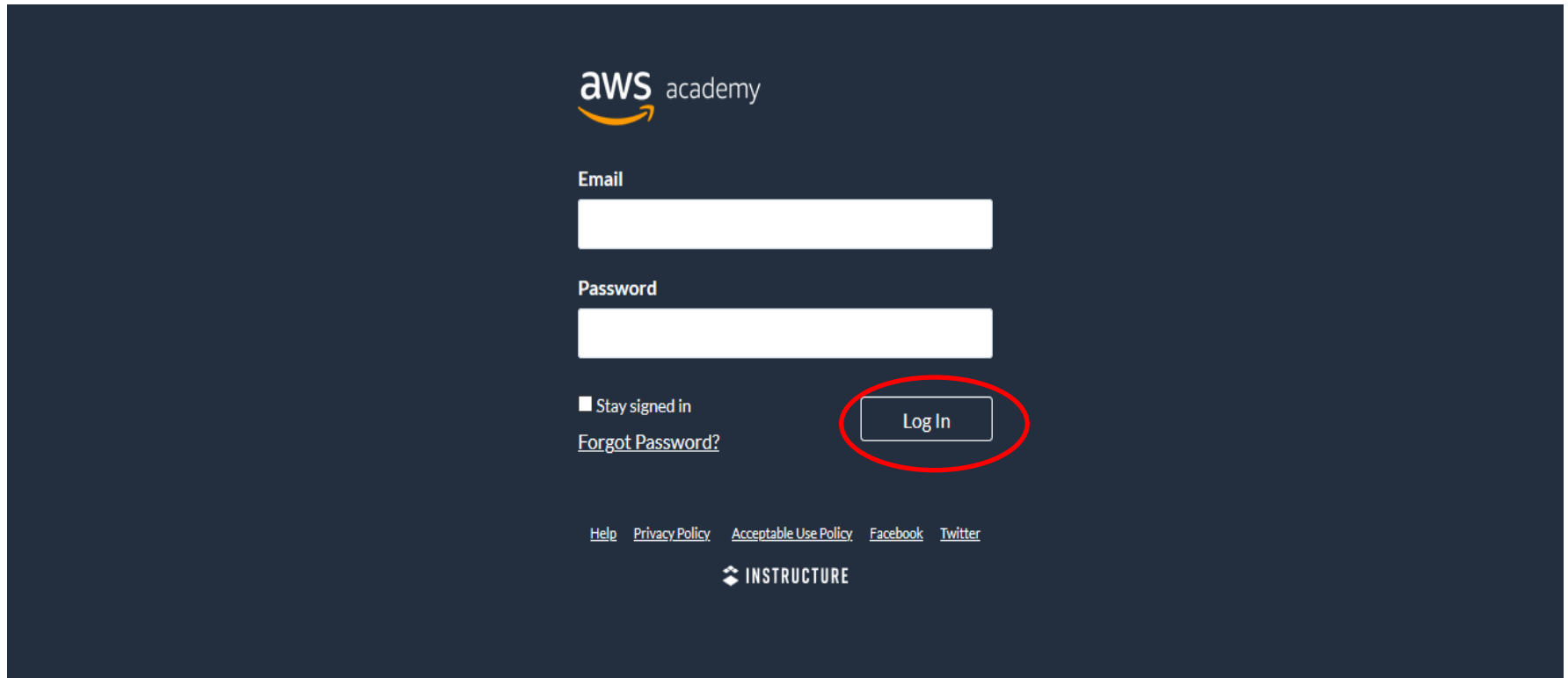
(For educators who have access to the AWS Academy Portal)

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）

Register on AWS

- Fill in your email address (the email address you received the AWS invite from)
- Create a password and click “Log In”



The image shows the AWS Academy login interface. At the top, the 'aws academy' logo is displayed. Below it, there are two input fields: 'Email' and 'Password'. Under the 'Email' field is a checkbox labeled 'Stay signed in'. Below the 'Password' field is a link that says 'Forgot Password?'. To the right of these fields is a 'Log In' button, which is circled in red. At the bottom of the form, there are links for 'Help', 'Privacy Policy', 'Acceptable Use Policy', 'Facebook', and 'Twitter'. Below these links is the 'INSTRUCTURE' logo.

aws academy

Email

Password

☐ Stay signed in

[Forgot Password?](#)

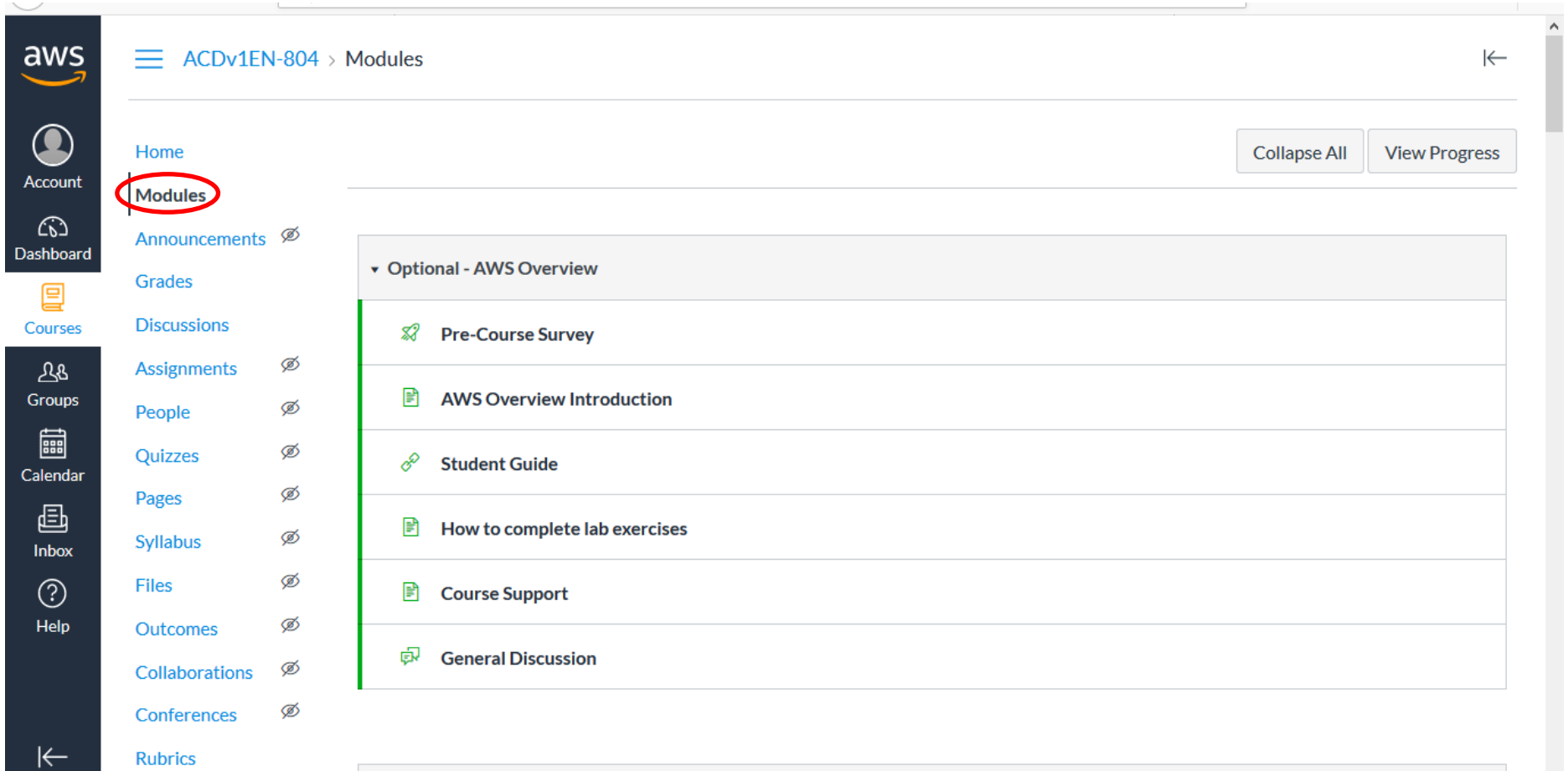
[Log In](#)

[Help](#) [Privacy Policy](#) [Acceptable Use Policy](#) [Facebook](#) [Twitter](#)

INSTRUCTURE

Register on AWS

- You should see an interface like the one below.
- Click “Modules” to see contents and Labs.



The screenshot displays the AWS Academy course interface for ACDv1EN-804. The left sidebar contains navigation links: Home, Modules (highlighted with a red circle), Announcements, Grades, Discussions, Assignments, People, Quizzes, Pages, Syllabus, Files, Outcomes, Collaborations, Conferences, and Rubrics. The main content area shows the 'Optional - AWS Overview' section with a list of modules: Pre-Course Survey, AWS Overview Introduction, Student Guide, How to complete lab exercises, Course Support, and General Discussion. The top right corner features 'Collapse All' and 'View Progress' buttons.

aws

ACDv1EN-804 > Modules

Account

Dashboard

Courses

Groups

Calendar

Inbox

Help

Home

Modules

Announcements

Grades

Discussions

Assignments

People

Quizzes

Pages

Syllabus

Files

Outcomes

Collaborations

Conferences

Rubrics

Optional - AWS Overview

- Pre-Course Survey
- AWS Overview Introduction
- Student Guide
- How to complete lab exercises
- Course Support
- General Discussion

Collapse All View Progress

Register on AWS

- If you scroll down, you will see “Lab 1: Introduction to AWS Cloud9”
- Click on it and start you Lab

The screenshot displays the AWS Academy console interface. On the left is a dark sidebar with navigation icons and labels: AWS logo, Account, Dashboard, Courses, Groups, Calendar, Inbox, Help, and a back arrow. The main content area has a top navigation bar with 'Conferences', 'Rubrics', and 'Settings'. Below this, the course structure is shown in three modules:

- Module 1 - Welcome to Academy Cloud Developing**
 - Student Guide
- Module 2 - Introduction to Developing on AWS** (with a 'Complete All Items' button)
 - Student Guide
 - Lab 1: Introduction to AWS Cloud9** (highlighted with a red oval, with a 'View' link below it)
 - Module 2 Knowledge Check (100 pts | Score at least 80.0)
- Module 3 - Introduction to AWS Identity Access Management** (with a 'Complete All Items' button)
 - Student Guide

Register on AWS

- You can go to the following link to read about how to accept AWS invite from AWS Canvas:
 - <https://community.canvaslms.com/docs/DOC-10701-canvas-student-guide-table-of-contents>
- Go through the PDF document “Canvas Documentation” to see more details on how to accept your AWS canvas invitation.

What is AWS Educate?

- AWS Educate another way you can register on AWS to get some additional credits to use AWS resources. AWS Educate is different from AWS Academy.
- Use ONLY your QM Email Address to register on AWS Educate at:
 - <https://aws.amazon.com/education/awseducate/>



AWS Educate Student Benefits

AWS Credits (annually renewable)	<ul style="list-style-type: none">• AWS Account: \$100 in credits at member institutions; \$40 in credits at non-member institutions• AWS Educate Starter Account: \$75 in credits at member institutions; \$30 in credits at non-member institutions
AWS Training	<ul style="list-style-type: none">• Access to AWS Technical Essentials Training Course (a \$600 value)• Free access to labs
Curated Content	<ul style="list-style-type: none">• Ability to select personalized learning pathway with 30+ hours of content per path• Earn digital badges that showcase cloud skills• Free access to AWS content for homework, labs, or self-study
Collaboration Tools	<ul style="list-style-type: none">• Student Portal access• Student portfolio to store projects in one place• Access to Job Board and job postings

Thank you
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