

Metropolitan State University

ICS 432 - 01: Distributed and Cloud Computing

Fall 2021

Activate Your Amazon Web Services (AWS) Accounts

Week-01-August 21, 2021

We will practice cloud computing concepts by using Amazon Web Services (AWS). Since using AWS is not free, I applied for and obtained an Amazon Education Grant through we can use AWS in this course.

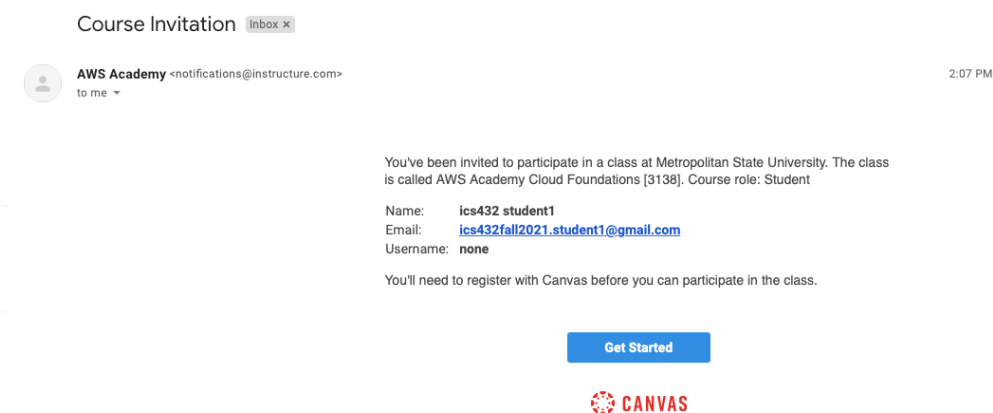
We will be using AWS through two different platforms:

- **AWS Academy** (<https://aws.amazon.com/training/awsacademy/>) which is a part of Amazon Organization that aims to empower higher education institutions to prepare students for industry-recognized certifications and careers in the cloud. AWS Academy provides several courses to prepare for multiple AWS certificates.
- **AWS Educate** (<https://aws.amazon.com/education/awseducate/>) which provides educators with a platform on which each student is granted \$50 AWS credits. These credits can be used to implement different projects on AWS.

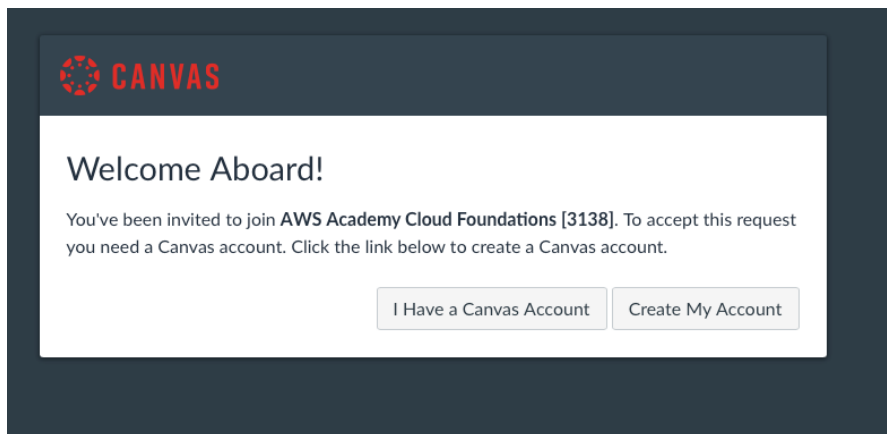
This document is a step-by-step explanation on how you can activate your accounts on AWS Academy and AWS Educate.

Part 1: Activate your AWS Academy Account

- 1- After the first class on August 21, I will register your @metrostate.edu email address in the AWS Academy course that we will be using this semester. You will receive the following Course Invitation email from AWS Academy. Let me know ASAP if you do not receive the invitation email by Monday, August 23.
- 2- Click on **Get Started**.



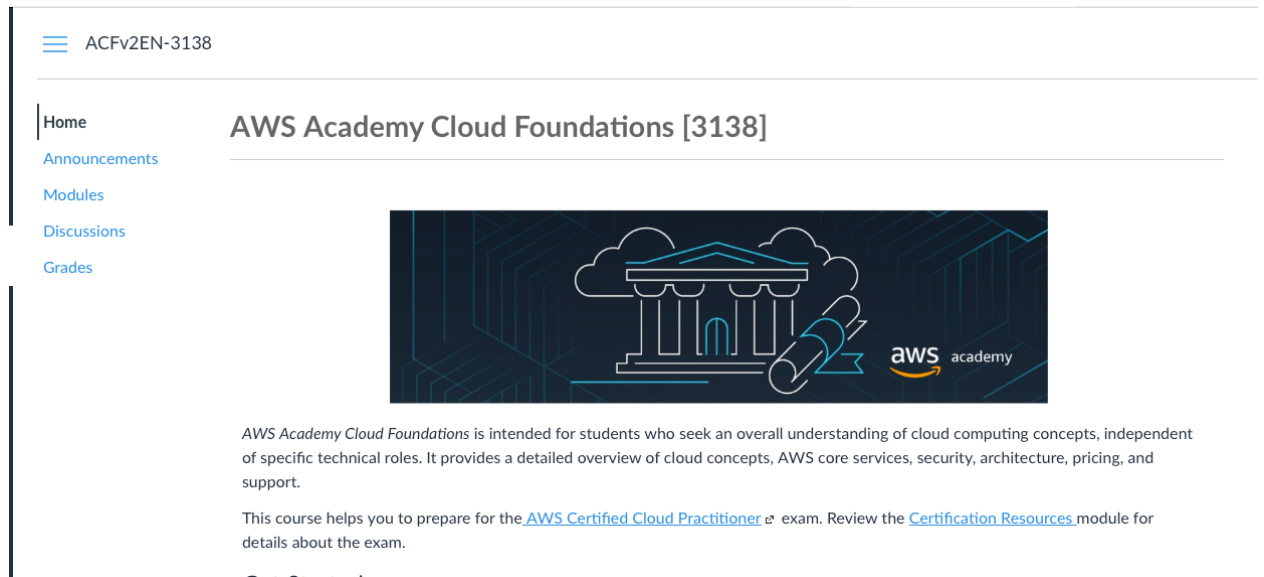
- 3- You will be directed to the following screen. Click on **Create My Account**.



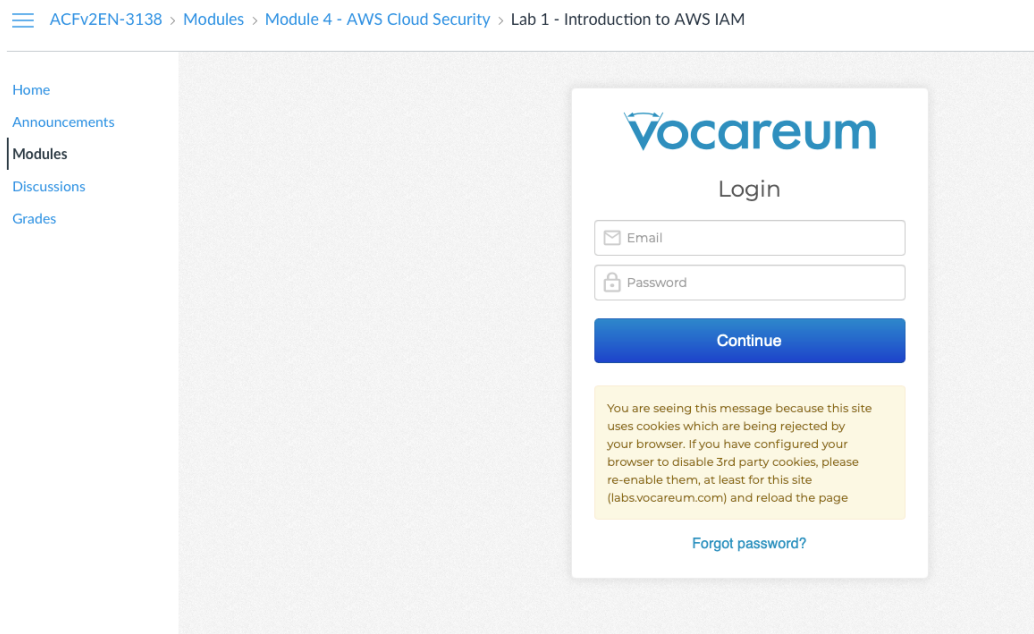
- 4- Enter a password. Make sure you choose a password that is easy to remember and different than the password that you use for your personal accounts (e.g., **ics432fall2021**). Check the box to agree to the Acceptable Use Policy. Click on **Register**.

A screenshot of the Canvas LMS 'Welcome Aboard!' registration form. The header features the Canvas logo. The main text reads: 'Welcome Aboard! In order to finish signing you up for the course AWS Academy Cloud Foundations [3138], we'll need a little more information.' Below this, there are three input fields: 'Login:' with the value 'ics432fall2021.student1@gmail.cc', 'Password:' with masked dots, and 'Time Zone:' with a dropdown menu showing 'UTC (+00:00)'. Below these fields is a checkbox labeled 'I agree to the Acceptable Use Policy' which is checked. At the bottom is an orange 'Register' button.

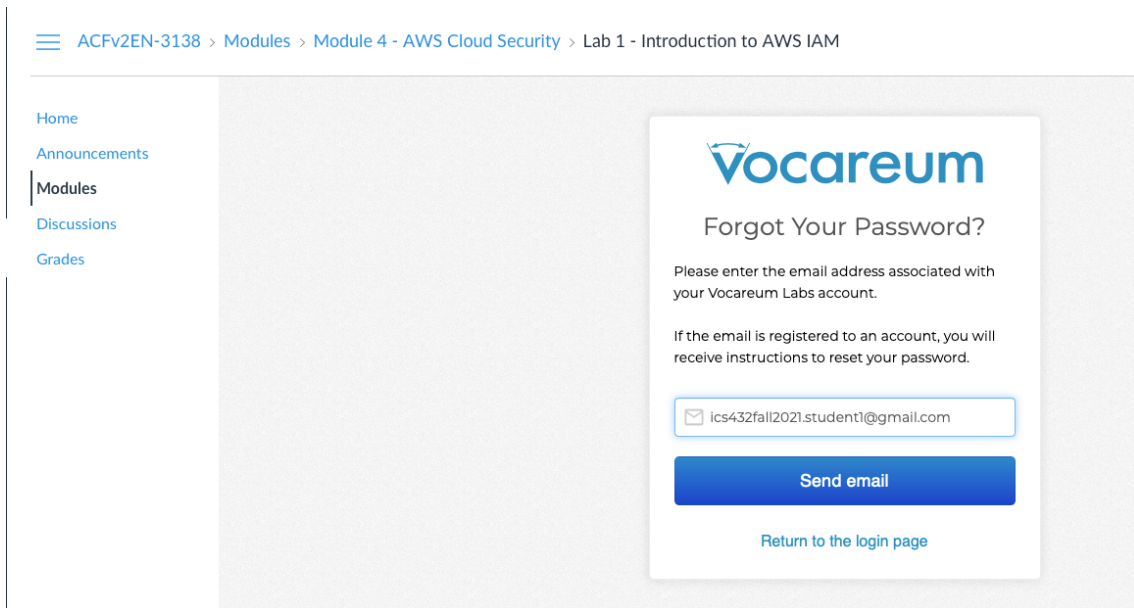
- 5- Will be directed to **AWS Academy Cloud Foundations** course. In this course site, you will have access to the course's power point slides, videos, lab assignments, and quizzes. We will be using these resources throughout the semester.



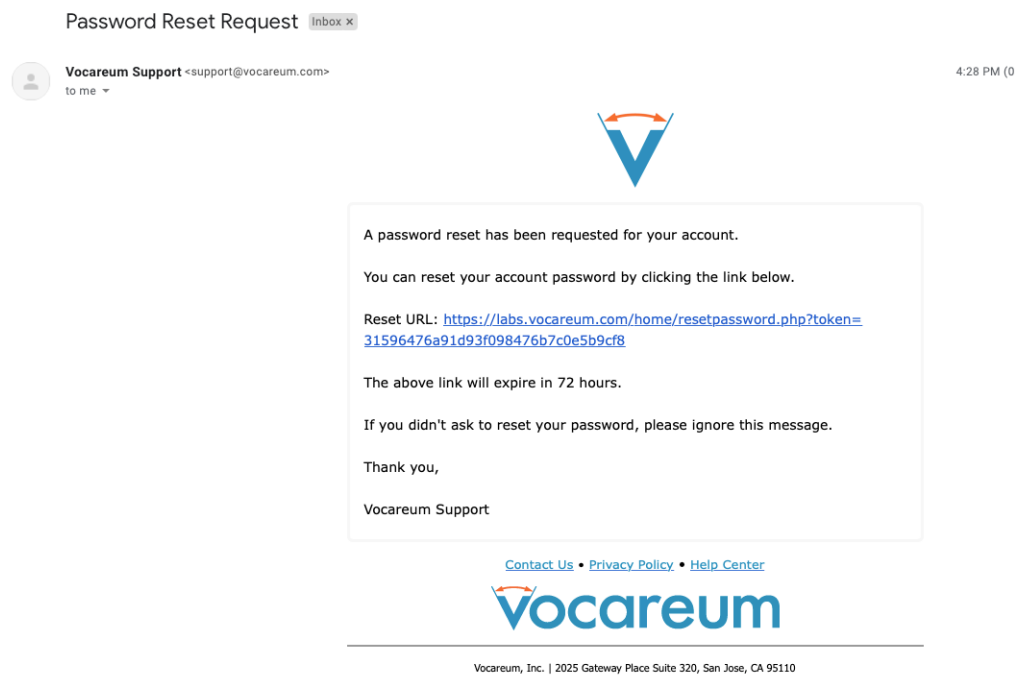
- 6- From the menu on the left side, click on Modules. Scroll down to Module 4 and click on **Lab 1 – Introduction to AWS IAM**. You will receive the following log in screen to log in into Vocareum which is a third-party company that facilitates running AWS labs.



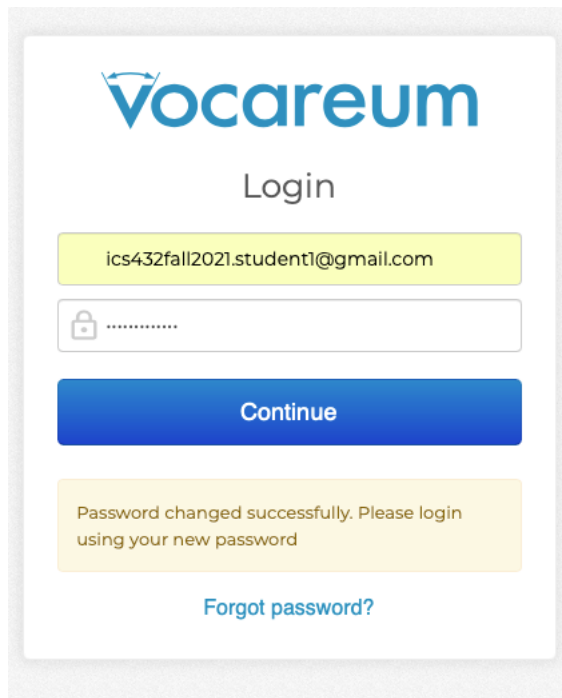
- 7- Click on Forgot password and you will be directed to the following page. Enter your @metrostate.edu email address. Click **Send email**.



- 8- You will then receive an email that is similar to the following email that you should use to reset your password.



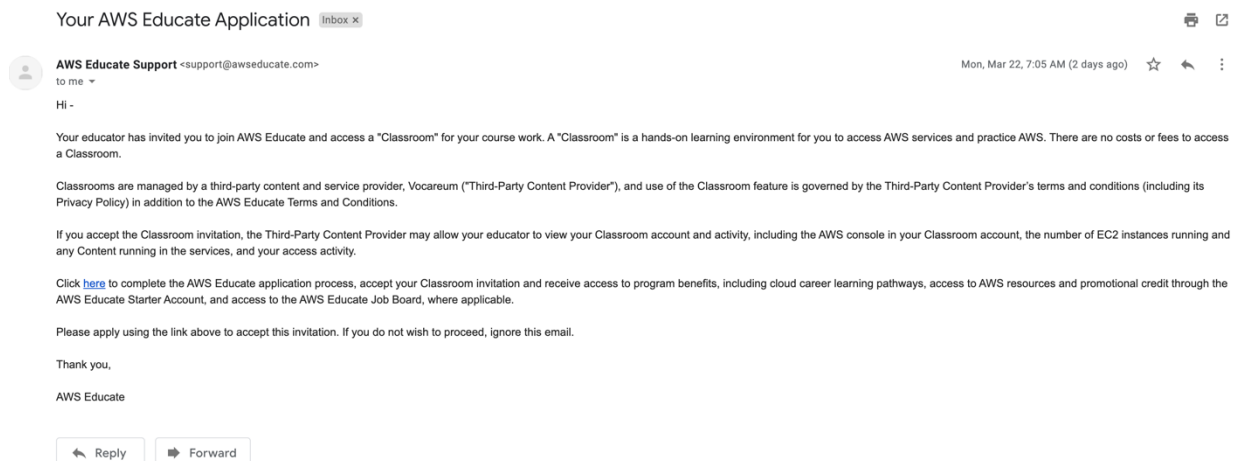
- 9- Click on the Reset URL and you will be directed to page to enter your password. Choose your password. Then log in use the following screen.



- 10- Click on **Agree** on the Term and Conditions page.
- 11- Take a screen shot of your screen.
- 12- To log in to the course later, go to https://www.awsacademy.com/LMS_Login and choose student log in and log in with your account.

Part 2: Activate your AWS Educate Account

- 1- After the first class on August 21, I will register your @metrostate.edu email address in an AWS Educate classroom. You will receive the following email in your inbox. Let me know ASAP if you do not receive the email by Monday, August 23.



- 2- Click on the link provided in the email and it will take you to the following AWS Educate Application page. Fill in the information then click on **NEXT**.

aws educate
Apply to join AWS Educate

Step 2/3: Tell us about yourself

Preferred Language: English

Metropolitan State University

Start typing the name of your school and select from the list. If you don't see your school, enter the full name, example: Harvard University

Country

First Name Last Name

ics432fall2021@gmail.com

Please provide a valid, current email issued by your institution. Example: your_name@your_school.edu

Graduation Month Graduation Year

Birth Month Birth Year Promo Code (optional)

[Frequently Asked Questions](#)

Please click the box below to help assure that a person and not an automated program is submitting this application. If a set of letters is displayed enter them on the line. If you have any difficulty with the letters, you can click the reload icon to get a new set of letters, or click the headphones to hear audio of what to enter.

☐ I'm not a robot

Please note that any personal information you provide will be treated in accordance with the [AWS Educate Terms and Conditions](#) and [AWS Privacy Notice](#)

NEXT

- 3- In the following page, scroll down to the end of and then click on **SUBMIT**.

Safari File Edit View History Bookmarks Window Help

awseducate.com

aws educate
Apply to join AWS Educate

Terms & Conditions

Preferred Language: English

conflict.

10.0. CONTRACTING ENTITY
Notwithstanding anything to the contrary in these Terms:

10.1 India Customers. If you are located in India, your contracting party will be Amazon Internet Services Private Limited ("AISPL"), and this Agreement is an agreement between you and AISPL, located at Ground Floor, EROS Plaza, Eros Corporate Centre, Nehru place, New Delhi, India - 110019. If you are located in India, all references to "AWS," "we," or "us" in this Agreement shall be deemed as referring to AISPL. Additionally, if you are located in India, this Agreement shall be deemed to differ from the above provisions as follows:

(a) The Amazon.com Privacy Notice defined in Section 4.1 shall be deemed to refer to the Amazon.in Privacy Notice located at <http://www.amazon.in/gp/help/customer/display.html?nodeId=200534380>; and

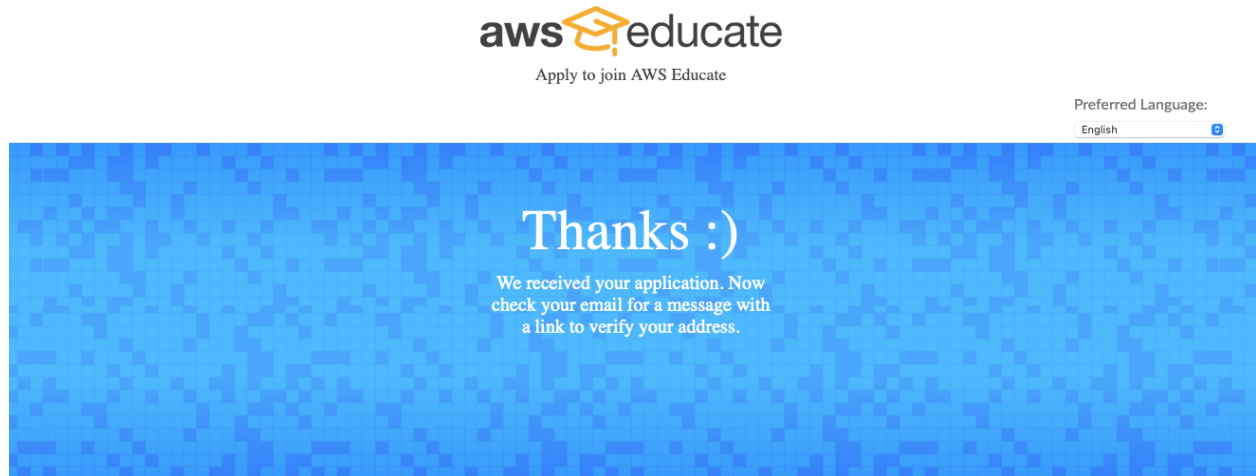
(b) Under Section 9.5, any notice by you to AISPL under this Agreement must be made by registered or certified mail to Amazon Internet Services Private Limited, Ground Floor, Eros Corporate Towers, Nehru Place, New Delhi - 110 019, India (not to Amazon Web Services, Inc.).

You must scroll through the entire Terms and Conditions before accepting or declining.

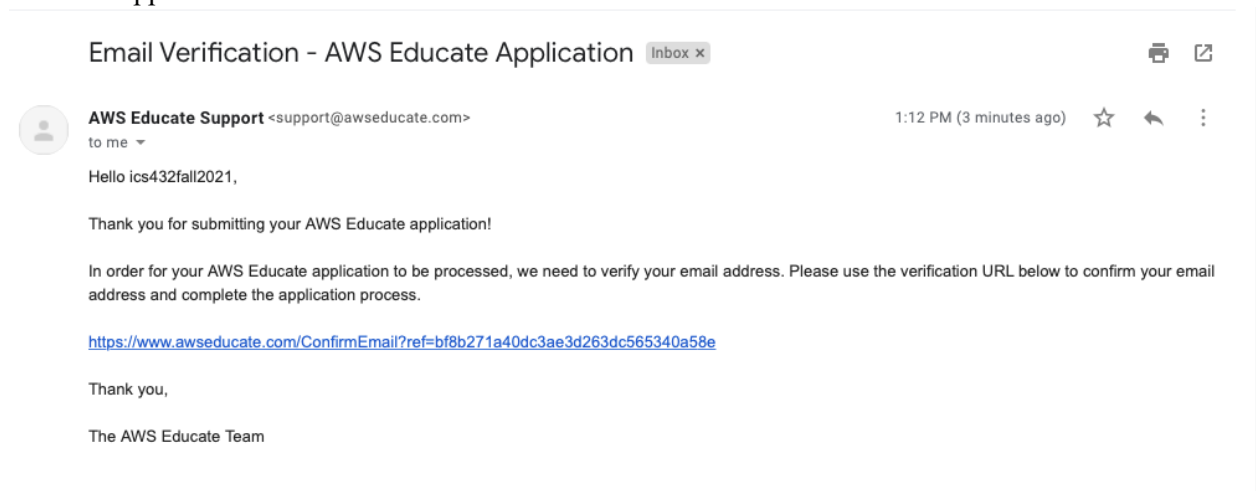
SUBMIT

Please note that any personal information you provide will be treated in accordance with the [AWS Educate Terms and Conditions](#) and [AWS Privacy Notice](#)

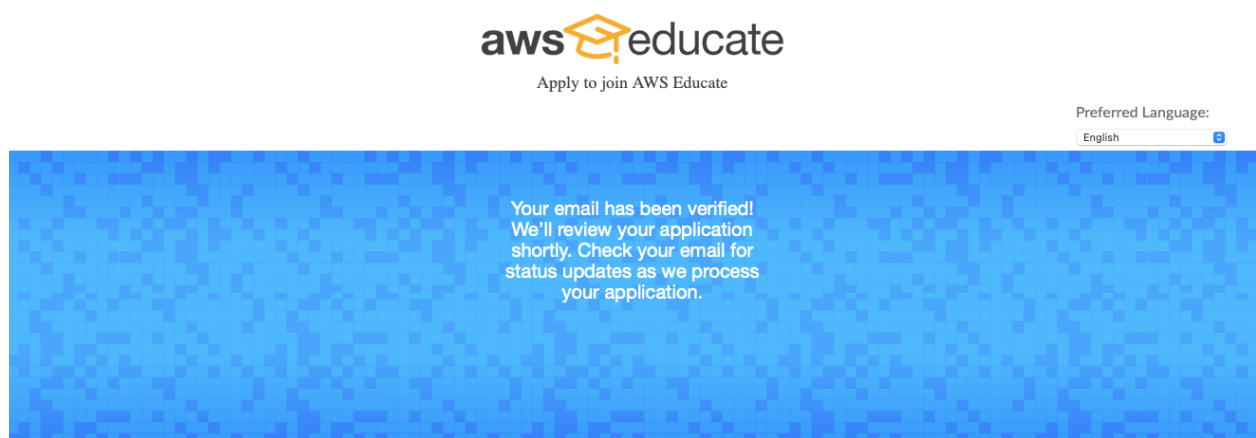
- 4- You will receive the following confirmation screen.



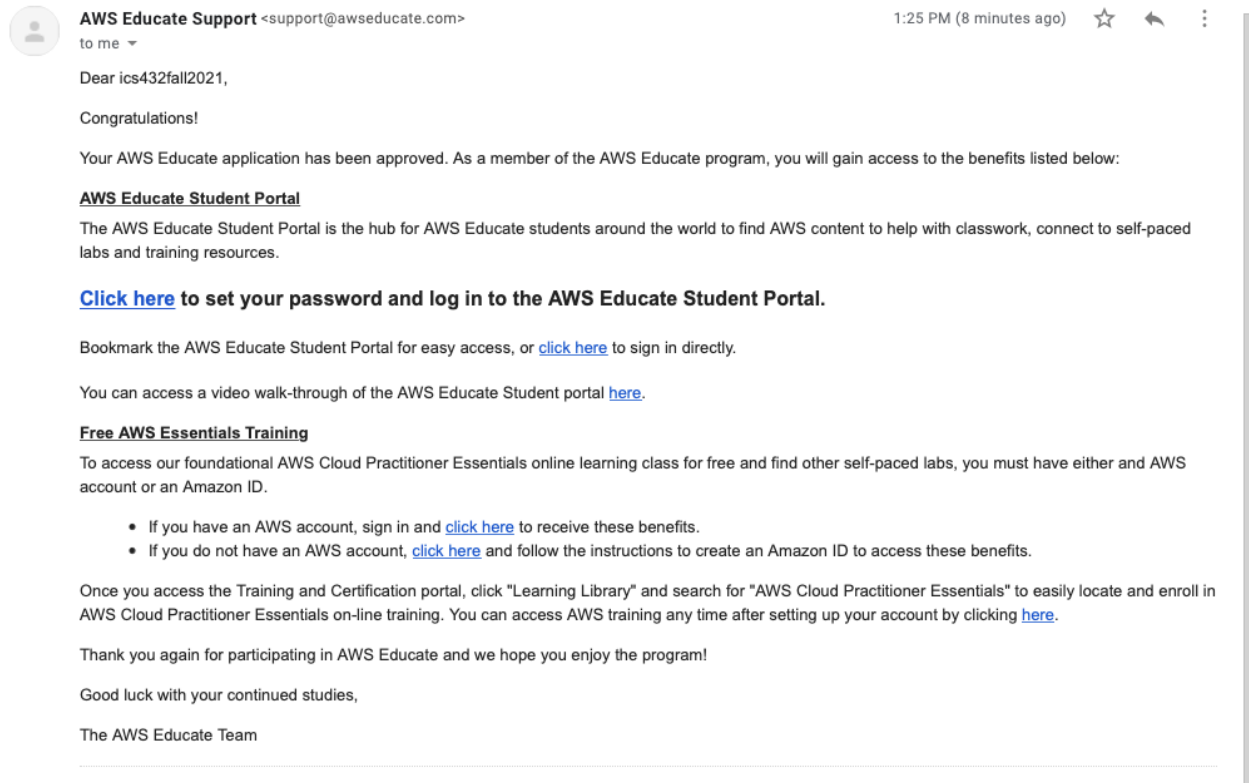
- 5- Go to your inbox and you will receive the following confirmation email from AWS Educate Support with a link to activate the account.



- 6- Click on the link in the email and you should receive the following confirmation screen.



7- Within an hour or so, you should receive account activation confirmation email as follows:



8- Click on the provided link to set your AWS Educate account password.



 Invalid password. Please try again.

Welcome to the AWS Educate Community

Set Your Password

Your Login Credential ics432fall2021@gmail.com

New Password

Verify New Password 

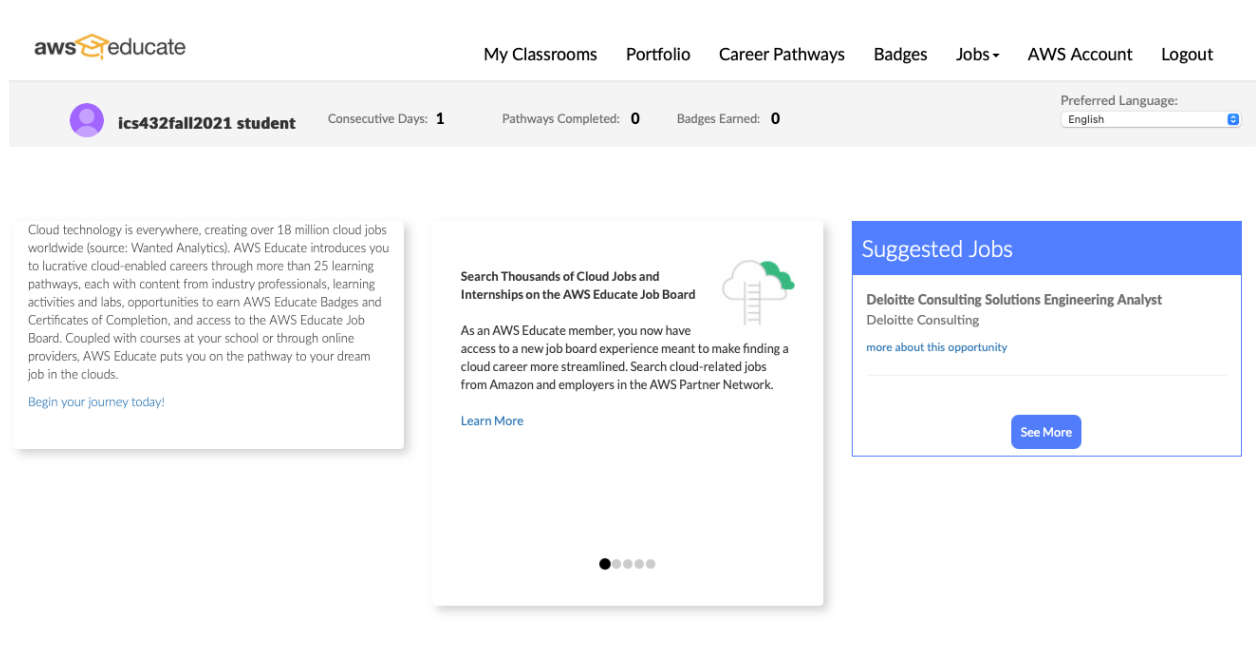
[Set Password](#)

The password you enter here will be used for access to the AWS Educate Community. It is always more secure to not use the same password that you use on other sites.

Please ensure your password meets the following requirements:

- i. Password must be at least 8 characters long
- ii. Password must contain at least one letter
- iii. Password must contain at least one number
- iv. Password cannot equal or contain your user name
- v. Password must contain at least one of the following characters ! # \$ % - _ = + < >

9- Upon successful log in, you will be directed to the following screen.



The screenshot shows the AWS Educate dashboard for a student named 'ics432fall2021 student'. The top navigation bar includes links for 'My Classrooms', 'Portfolio', 'Career Pathways', 'Badges', 'Jobs', 'AWS Account', and 'Logout'. The dashboard header displays the student's profile, login details, and progress: 'Consecutive Days: 1', 'Pathways Completed: 0', and 'Badges Earned: 0'. The main content area features three sections: a welcome message about cloud technology, a 'Search Thousands of Cloud Jobs and Internships on the AWS Educate Job Board' section with a 'Learn More' link, and a 'Suggested Jobs' section featuring a job listing for 'Deloitte Consulting Solutions Engineering Analyst' with a 'See More' button.

10- From the top menu, click on 'My Classrooms' and then click on 'Go to Classroom'.

11- Scroll down and click 'Accept' to accept the AWS Educate Terms and Conditions. You will then be directed to the classroom's main page that looks as follows.

Welcome to your AWS Educate Account

AWS Educate provides you with access to a wide variety of AWS Services for you to get your hands on and build on AWS! To get started, click on the AWS Console button to log in to your AWS console.

Please read the FAQ below to help you get started on your Starter Account.

- [What are the list of services supported?](#)
- [What regions are supported with Starter Accounts or Classroom Accounts?](#)
- [I can't start any resources. What happened?](#)
- [Can I create users within my Starter or Classroom Account for others to access?](#)

Your AWS Account Status

 **Active**
full access ()

 **\$50**
remaining credits (estimated)


 **2:60**
session time

[Account Details](#)

[AWS Console](#)


Please use AWS Educate Account responsibly. Remember to shut down your instances when not in use to make the best use of your credits. And, don't forget to logout once you are done with your work!

12- Click on 'Account Details' and this should tell you account details that you will be using in the upcoming labs and assignments.

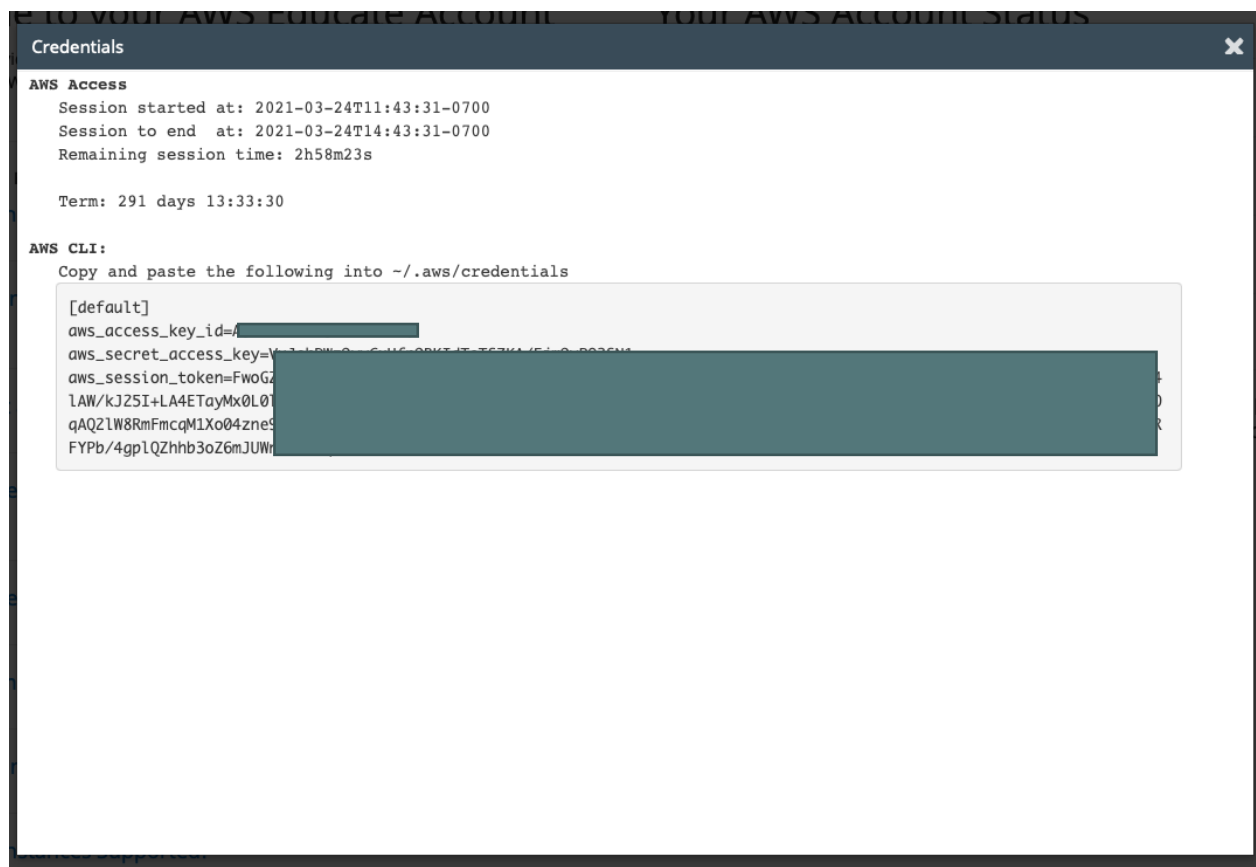
Credentials

AWS Access
Session started at: 2021-03-24T11:43:31-0700
Session to end at: 2021-03-24T14:43:31-0700
Remaining session time: 2h58m23s

Term: 291 days 13:33:30

AWS CLI: 

13- Click on ‘Show’ next to CLI to retrieve the credentials that you can use to connect to AWS programmatically.



- 14- Close the credentials window to go back to the main account page.
- 15- Click on AWS Console to go to your AWS account where you will be able to access AWS Console which is similar to the following figure.

