Using the AWS Academy Environment

Overview

This document provides an overview of how to access and navigate the AWS Academy Learner Lab environment. UMGC uses the AWS Academy Learner Lab environment to provide real-world experience and project-based exercises for students preparing them to use the tools many cloud professional use.

AWS Academy Course Invitation

The UMGC team will enroll you automatically in your AWS Academy classroom. This happens typically by the first official day of class. Once enrolled, you will receive an invitation from the AWS Academy to join the classroom. If you haven't already accepted the invitation, click Get Started and follow the instructions to configure your account and credentials.

Course Invitation   Inbox ×

AWS Academy <notifications@instructure.com>   Sat, Jan 1, 7:41 PM (3 days ago)   ☆   ◆
to me ▾

You've been invited to participate in a class at AWS Academy . The class is called
AWS Academy Learner Lab - Foundation Services [12405]. Course role: Student

Name: **Jimmy Robertson (Student)**
Email: robertsonj4home@gmail.com
Username: **none**

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

Get Started

❂ CANVAS

Login to the Aws Academy Classroom

Use the AWS Academy student login URL to enter your classroom:

https://www.awsacademy.com/LMS_Login

Select Student login and enter your credentials and then select Log In.

Select your Classroom

You will be directed to the AWS Academy dashboard which lists your classrooms. Select the classroom you want to enter. Note, you may have multiple classrooms depending upon how many courses you are enrolled. Also, be aware your screenshot (and course numbers) will look different than the one shown below.
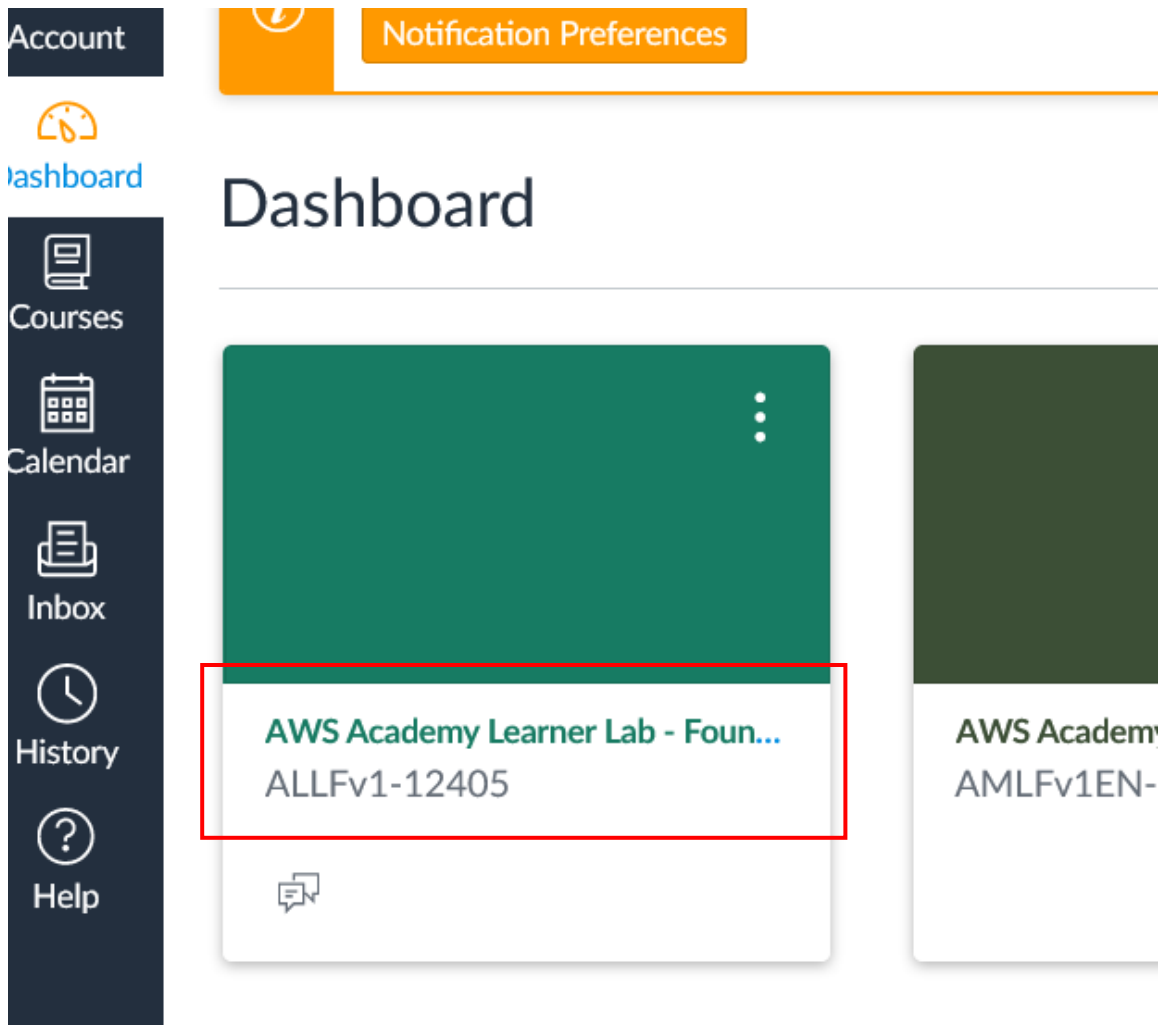
If you are not sure which class to select, contact your professor who will be able to help.

Launch the Learner Lab – Foundational Services Module

Once in the classroom, click on modules->Learner Lab – Foundational Services. This is the module where you can launch the AWS console and run services required to complete the projects.

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Modules

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▼ Learner Lab Foundation Services

    🔗 Learner Lab - Student Guide.pdf

    🔗 Learner Lab - Foundational Services

    🚀 End of Course Feedback Survey

Start the Lab

When you first enter the lab, the AWS icon will be red indicating you need to start the lab to proceed. The environment attempts to minimize cloud costs by stopping services when they aren't being used. To start the lab click on the Start arrow.

AWS ●   Used $0.1 of $100, Jan, 2022   00:00   ▶ Start L

ddd_v1_w_uSv0_990190@runweb46271:~$ []

Once started, the AWS color indicator will initially turn yellow followed by green when the environment is ready to use. Typically, this takes a few minutes so be sure to wait until the AWS indicator turns green before proceeding.
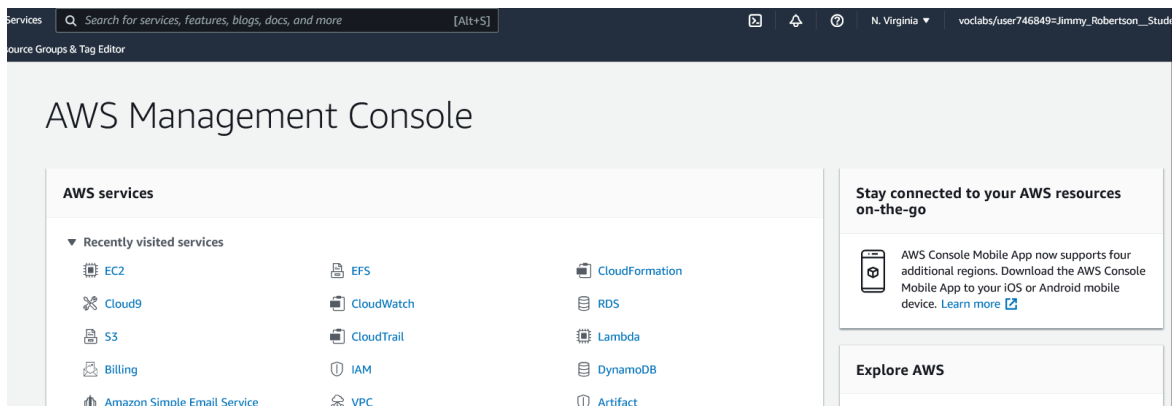
Launch the AWS Management Console

Once the indicator is green click on the AWS text (right next to the green indicator) to launch the AWS console.
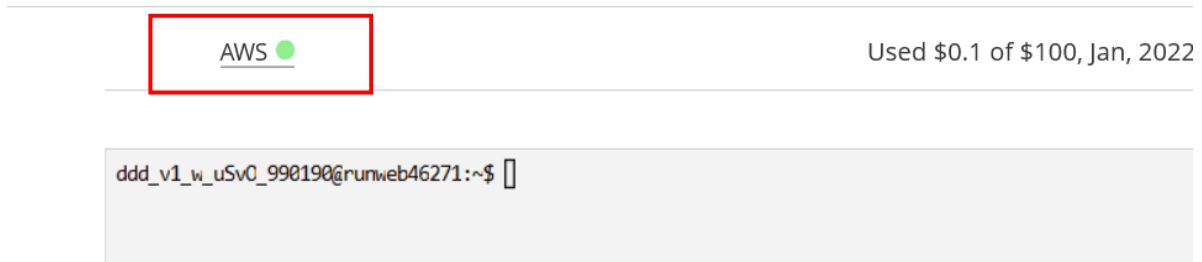
The AWS management console will then appear allowing you to navigate the AWS cloud to launch and use services needed in your UMGC projects and hands-on labs.

Navigate to the Cloud Service

Use the Services icon or the search field, found in the upper left corner of the AWS management console to navigate to the service you want to use.

Complete/Start your Assignment

Use the AWS management console and associated services to complete your assignment. Note, additional directions will be available showing the assignment requirements.

Exit the AWS Management Console

Once you have completed your assignment, or at least completed the portion you wanted to during this session, use the upper right corner of the AWS management console to exit the console by selecting sign out.
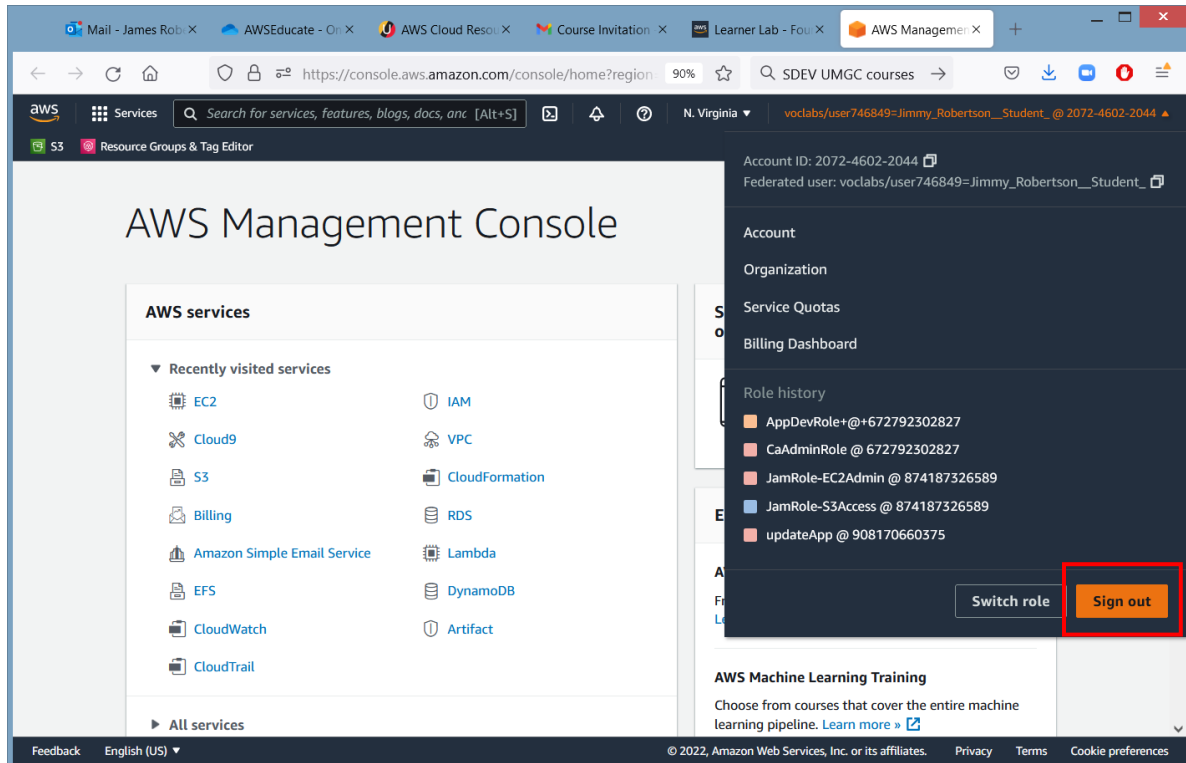
End the Lab

You should select the End lab option in the AWS Academy module to end the lab. Note, you will be able to restart the lab and continue where you left off.
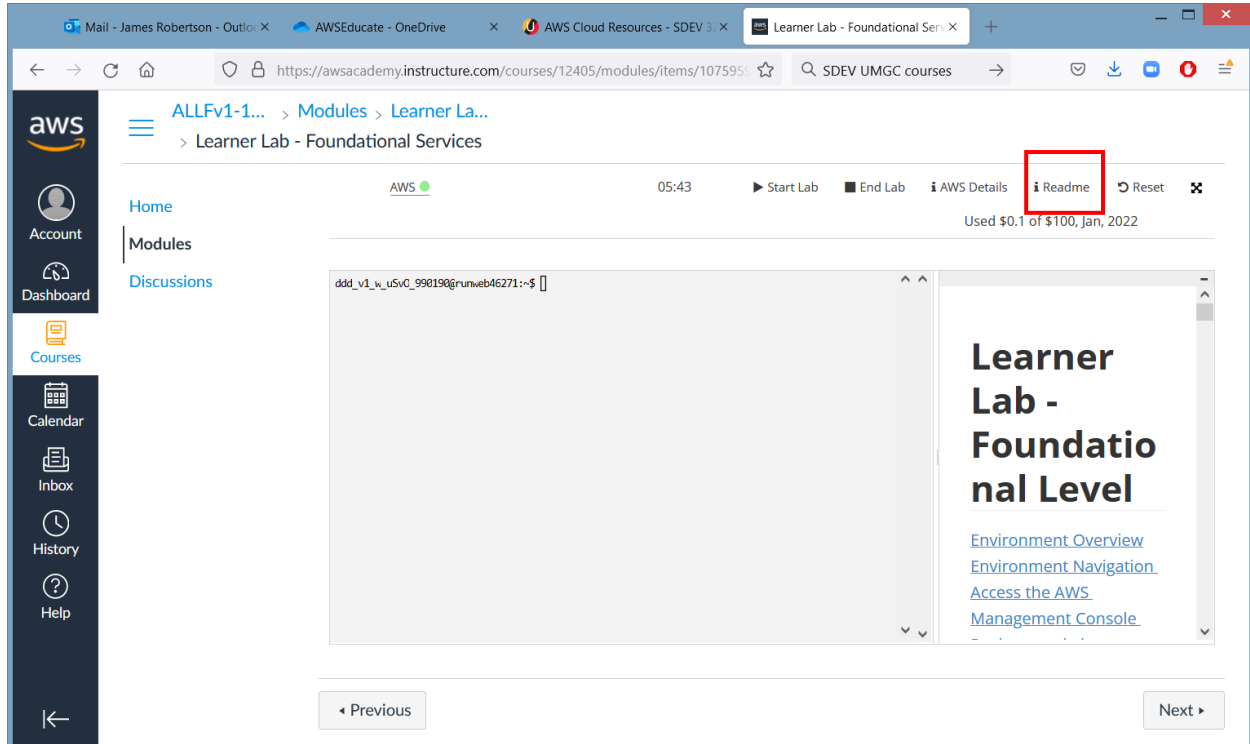
Additional Guidance

Follow the AWS Academy Learner Lab – Student Guide for more details regarding connecting and using the AWS Academy environment. In addition, there is a wealth of information in the Readme section describing how to connect to instances and use dozens of cloud services.

Contact your Professor if you need help

Finally, reach out to your professor if you have any issues using the environment or completing a lab exercise.