Cloud Computing Architecture

Week 1 – Introduction

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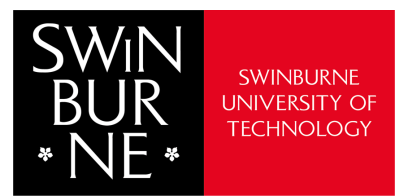
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Acknowledgement of Country

We respectfully acknowledge the Wurundjeri People of the Kulin Nation, who are the Traditional Owners of the land on which Swinburne's Australian campuses are located in Melbourne's east and outer-east, and pay our respect to their Elders past, present and emerging.

We are honoured to recognise our connection to Wurundjeri Country, history, culture, and spirituality through these locations, and strive to ensure that we operate in a manner that respects and honours the Elders and Ancestors of these lands.

We also respectfully acknowledge Swinburne's Aboriginal and Torres Strait Islander staff, students, alumni, partners and visitors.

We also acknowledge and respect the Traditional Owners of lands across Australia, their Elders, Ancestors, cultures, and heritage, and recognise the continuing sovereignties of all Aboriginal and Torres Strait Islander Nations.
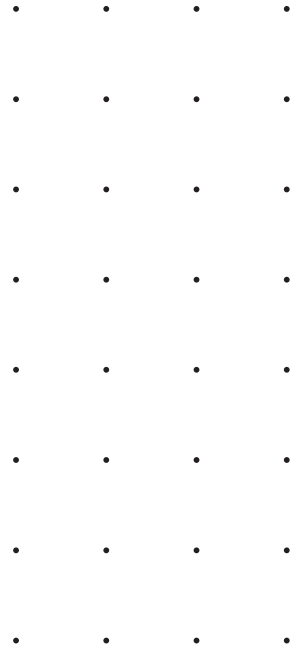
THIS PRESENTATION

– AWS Section of Course

– Layout of Modules

– Week 1 Tasks

– Lab 1 Preview

AWS Section of Course

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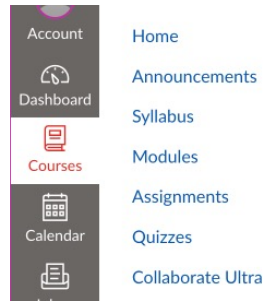TECHNOLOGY
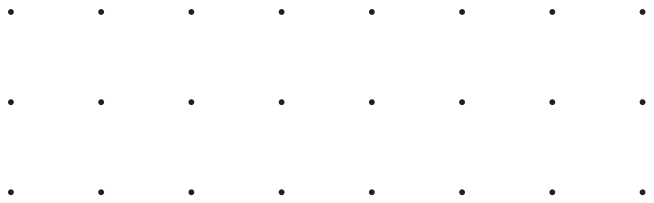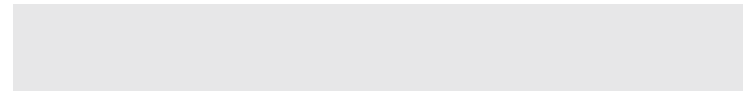
COURSE DELIVERY

Lectures:

- *Lecture recordings and links to course videos can be found on Canvas in the 'Modules' Section.*
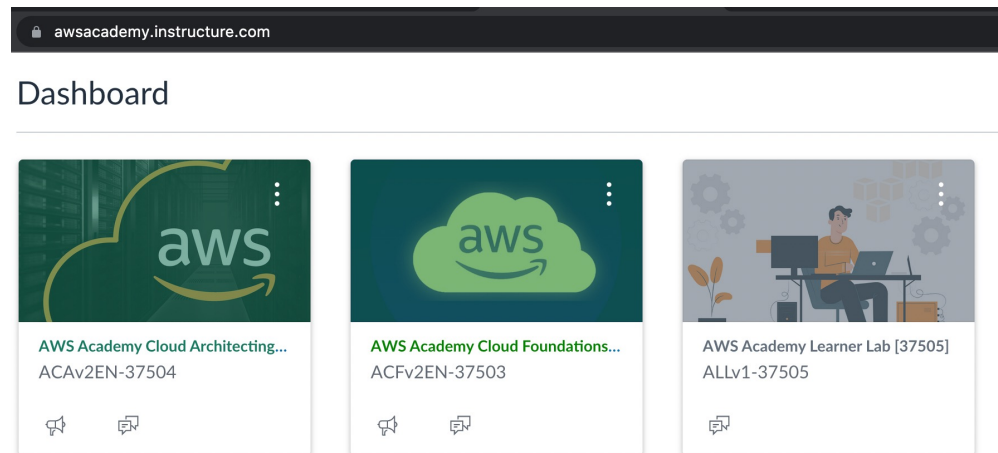

Labs:

- *Done during tutorial sections each week with Tutor.*

AWS ACADEMY CANVAS

- *Invitation emails have been sent. Join classes before your first tutorial.*

- *Extra learning materials, complimentary quizzes and labs can be accessed via Canvas shells set up by AWS Academy.*

AWS ASSIGNMENTS AND WORKING ENVIRONMENT

Assignments are to be implemented on AWS platform. Two ways to access the AWS platform:

1. **Vocareum environment in AWS Academy (recommended):**

•   *Invite emails will be sent out soon if not already sent.*

•   *Accessible through Vocareum (inside AWS Canvas) – a third party site.*

•   *No cost to you, you'll be given US$100 credit. Be careful how you use your AWS resources so you don't runout of credit!*

•   *It is a controlled environment, some restrictions apply, however all resources for labs and assignments are available.*

•   *Teaching staff will also be able to access this environment to mark or troubleshoot your assignments.*

2. **Personal account environment (not recommended):**

•   *You can use your personal AWS account to complete the assignments under free tier.*

Note: *you may have to spend money out of your pocket if you do not manage your usage properly!*

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AWS CERTIFICATION

- This unit embeds material prepared by AWS Academy covering 2 courses:
  - Academy Cloud Foundations (ACF) -> **AWS Cloud Practitioner Certification**
  - Academy Cloud Architecting (ACA) -> **AWS Solutions Architect – Associate**

- Material includes:
  - **Lecture notes**
  - **Multiple-choice assessments**
  - **Lab exercises**

- You should explore all the materials in both of these courses to prepare for certification if you choose to do so.

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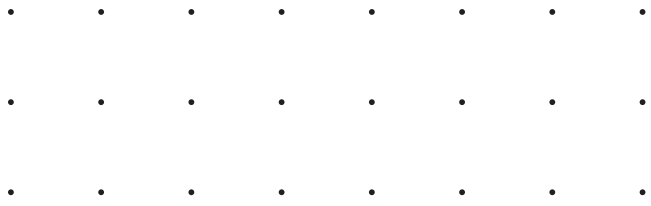
Layout of Modules

NAVIGATING THE MODULES SECTION

- *Weekly Lab Assignments and Course Materials are collated under the Modules Section.*