BOARD INFINITY

COURSE 1 OF 3 · CLOUD FINOPS SPECIALIZATION

Fundamentals of Cloud FinOps

Full course syllabus - every module, video lesson, reading and assignment, from cloud pricing to FinOps for engineers and the careers beyond.

Board Infinity
Instructor · Offered on Coursera

4	36	12	1 week
Modules	Video lessons	Assignments	At 10 hours a week

INSIDE THE COURSE

01	Introduction to Cloud Basics and Cloud Pricing	4 hours to complete
02	Introduction to Cloud FinOps	3 hours to complete
03	Introduction to Cost Billing and Governance Tools	3 hours to complete
04	Cloud FinOps for Engineers	3 hours to complete

Enroll on Coursera

https://www.coursera.org/learn/fundamentals-of-cloud-finops

01 ABOUT THE COURSE

From cloud pricing to cost accountability.

Fundamentals of Cloud FinOps helps you navigate the economics of cloud computing - keeping costs under control while still using the full power of the cloud. Across four modules you move from cloud basics and pricing to Cloud Financial Operations (FinOps), the tools for cost billing and governance, and FinOps for engineers.

Everything is delivered through short video lectures, readings and graded quizzes - 36 videos, 10 readings and 12 assignments in all. You finish with a holistic view of how to manage cloud spend so that cloud investments line up with business objectives.

WHO IT'S FOR

Cloud financial analysts
Tracking, forecasting and explaining cloud spend for the business.

IT and cloud engineers
Building and running cloud workloads with cost in mind.

Finance and procurement teams
Buying cloud services and keeping budgets accountable.

Business leaders and ops managers
Aligning cloud investment with business objectives.

WHAT YOU'LL LEARN

01 **Understand cloud pricing** Module 1
Remember and understand the foundational concepts of cloud computing and its pricing mechanisms

02 **Apply Cloud FinOps principles** Modules 1-2
Apply principles of Cloud FinOps to integrate cost management into cloud deployment strategies

03 **Evaluate billing and cost tools** Module 3
Analyze and evaluate different cost management and billing tools for effective cloud governance

04 **Drive cross-team cost efficiency** Module 4
Create strategies for fostering collaboration among teams to optimize cloud expenditures and drive financial efficiency

02 SYLLABUS

Four modules, one cost-aware cloud journey.

1 week to complete at 10 hours a week. Flexible schedule - learn at your own pace.

01 Introduction to Cloud Basics and Cloud Pricing

Cloud computing foundations and what drives the cost of cloud services

4 hours
11 videos

BY THE END OF THIS MODULE YOU CAN

- ✓ Explain the key characteristics of cloud computing
- ✓ Compare cloud service models and deployment models
- ✓ Contrast traditional on-premises infrastructure with the cloud
- ✓ Explain why pricing matters and the factors behind cloud costs

CONTENTS: 11 videos (38 min) · 3 readings (70 min) · 3 assignments (90 min) · 1 discussion prompt (10 min) · 2 plugins (20 min)

DISCUSSION: Your Starting Point in Cloud FinOps (10 min)

TOPICS: Basics of Cloud Computing · Service models · Deployment models · On-premises vs. cloud · Basis of Cloud Pricing · Quick Course Check-In (plugin)

You'll leave with: a clear picture of how cloud is delivered - its service and deployment models - and the pricing factors behind every cloud bill.

02 Introduction to Cloud FinOps

FinOps fundamentals, the FinOps Foundation, personas, phases and maturity

3 hours
12 videos

BY THE END OF THIS MODULE YOU CAN

- ✓ Explain what Cloud FinOps is and why organizations adopt it
- ✓ Describe the FinOps Foundation, its domains and its capabilities
- ✓ Identify the personas in FinOps and its key principles
- ✓ Walk through the FinOps phases and the enterprise maturity cycle

CONTENTS: 12 videos (50 min) · 2 readings (60 min) · 3 assignments (90 min)

TOPICS: Why FinOps · FinOps Foundation · FinOps Domain & Capabilities · Personas in FinOps · FinOps Phases · Maturity cycle

You'll leave with: a working model of FinOps - who takes part, the principles they follow, and how the practice matures inside a modern business.

03 Introduction to Cost Billing and Governance Tools

3 hours
6 videos

Cloud account hierarchy, billing structure and cost management tools

BY THE END OF THIS MODULE YOU CAN

- ✓ Explain how cloud accounts are organized into a hierarchy
- ✓ Describe how cloud billing is structured and reported
- ✓ Compare cloud-native cost management tools
- ✓ Evaluate third-party tools for monitoring and optimizing spend

CONTENTS: 6 videos (18 min) · 2 readings (60 min) · 3 assignments (90 min) · 1 discussion prompt (10 min)

DISCUSSION: Understanding the Impact of Cloud Billing (10 min)

TOPICS: Cloud Account hierarchy · Cloud Billing structure · Cloud-native cost tools · Third-party cost tools

You'll leave with: the ability to read how cloud costs are organized and reported, and to choose the right tools for cloud cost governance.

04 Cloud FinOps for Engineers

3 hours
7 videos

FinOps in engineering practice, collaboration and cost accountability

BY THE END OF THIS MODULE YOU CAN

- ✓ Explain how engineers contribute to cost efficiency in the cloud
- ✓ Integrate FinOps principles into engineering practices
- ✓ Describe how cross-functional teams collaborate in FinOps
- ✓ Build a culture of cost accountability across teams

CONTENTS: 7 videos (15 min) · 3 readings (70 min) · 3 assignments (90 min)

TOPICS: FinOps for Engineers · Cross-functional Teams in FinOps · Collaborative Cost Management · Cost Accountability

You'll leave with: practical ways for engineering and finance to share ownership of cloud spend, and a culture of cost accountability to build on.

03 TOOLS & SKILLS

The themes that run through the course.

Cloud pricing

Core theme

How cloud services are priced - the characteristics, service and deployment models and cost factors behind a bill.

In this course: Module 1 compares on-premises with cloud and explains the basis of cloud pricing.

FinOps framework

Practice

The FinOps Foundation, its domains and capabilities, personas, key principles, phases and maturity cycle.

In this course: Module 2 shows how FinOps works inside modern businesses.

Billing & governance tools

Tools

Cloud account hierarchy, cloud billing structure, and cost management tools - cloud-native and third-party.

In this course: Module 3 applies the tools to monitoring, analyzing and optimizing spend.

Cost accountability

Collaboration

FinOps for engineers, cross-functional teams and a culture where every team owns its cloud costs.

In this course: Module 4 brings engineering and finance together on cloud cost.

SKILLS YOU LEAVE WITH

Cloud foundations

- Cloud computing & cloud services
- Service & deployment models
- Cloud pricing mechanisms
- Cloud engineering basics

FinOps practice

- FinOps principles & phases
- FinOps personas & maturity
- Cost management
- Cloud billing

Governance & teams

- Cloud management & governance
- Cost management tools
- Cross-functional collaboration
- Accountability for spend

04 CERTIFICATE & CAREER

Finish with a shareable certificate.

Add it to LinkedIn
Add this credential to your LinkedIn profile, resume, or CV.

Share it anywhere
Share it on social media and in your performance review.

Earned, not attended
Awarded on completion of the graded quizzes and assessments in all four modules.

Course 1 of 3
The first course of the Cloud FinOps Specialization from Board Infinity.

ROLES THE COURSE IS BUILT FOR

- Cloud Financial Analyst
- FinOps Practitioner
- Cloud Engineer
- IT Procurement Specialist
- Cloud Operations Manager
- Business Technology Leader

Board Infinity
Instructor · Offered on Coursera

Intermediate level · Taught in English · 9 languages · Flexible schedule

Ready to take control of your cloud spend?

Enrollment, lessons, grading and the certificate all happen on Coursera.

Enroll on Coursera

Course page:
coursera.org/learn/
fundamentals-of-cloud-finops

Want a coach alongside the course?

Board Infinity 1:1 coaching is a separate, optional offering - it is not part of the Coursera course.
Details: https://www.boardinfinity.com/career-coaching/

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