BOARD INFINITY

COURSE 3 OF 3 · CLOUD FINOPS SPECIALIZATION

Mastering Cloud FinOps

Full course syllabus - every module, video lesson, reading and assignment, from cost-efficient architecture to a FinOps Executive Dashboard.

Board Infinity
Instructor · Offered on Coursera

4	33	12	1 week
Modules	Video lessons	Assignments	At 10 hours a week

INSIDE THE COURSE

01	Architectural Practices for Cost Efficiency	4 hours to complete
02	Advanced Cost Management Techniques	3 hours to complete
03	Building a FinOps Case in an Organization: Adopting FinOps	3 hours to complete
04	Capstone Project	3 hours to complete

Enroll on Coursera

https://www.coursera.org/learn/mastering-cloud-finops

01 ABOUT THE COURSE

Advanced FinOps for the cloud bill.

Mastering Cloud FinOps is an advanced course for cloud financial management professionals and leaders, taking FinOps principles into architecture, cost management and organizational adoption.

It focuses on cost-efficient design, forecasting and anomaly detection, and rolling FinOps out across teams - 33 videos, 10 readings and 12 assignments in all - and closes with a capstone executive dashboard.

WHO IT'S FOR

FinOps practitioners
Moving from reporting on spend to forecasting and cutting it.

Cloud architects & engineers
Making cost a design input from the very first decision.

Finance & procurement leads
Understanding the levers behind the cloud bill.

IT & cloud leaders
Building the business case and roadmap for FinOps.

WHAT YOU'LL LEARN

01 **Architect for cost efficiency** Module 1
Analyze advanced cost management concepts and optimization techniques

02 **Master advanced cost management** Module 2
Forecast spend, detect anomalies and optimize resources on utilization

03 **Lead FinOps adoption** Module 3
Develop strategies for adopting FinOps within an organization

04 **Build an executive dashboard** Module 4
Design a FinOps Executive Dashboard and evaluate FinOps implementations

02 SYLLABUS

Four modules, architecture to capstone.

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

01 Architectural Practices for Cost Efficiency

4 hours
10 videos

5R strategies, serverless and containers, and AI-driven spend insights

BY THE END OF THIS MODULE YOU CAN

- Apply the 5R strategies to retire, retain, rehost, replatform or refactor
- Use serverless and containers for usage-based cost management
- Apply machine learning and analytics to cloud spend
- Use generative AI to surface cloud spend insights

CONTENTS: 10 videos (42 min) · 3 readings (70 min) · 3 assignments (90 min) · 1 discussion (10 min) · 1 plugin (15 min)

TOPICS: 5R Strategies | Innovative Approaches to Cloud Financial Management | Quick Course Check-In (plugin)

You'll leave with: an architect's toolkit for designing cloud workloads that cost less by design, not by cleanup.

02 Advanced Cost Management Techniques

3 hours
8 videos

Cost forecasting, anomaly detection, and utilization-based optimization

BY THE END OF THIS MODULE YOU CAN

- Forecast cloud costs with confidence
- Explain anomaly detection and set it up
- Choose the right size for resources based on utilization
- Eliminate orphaned resources and optimize extremely low usage

CONTENTS: 8 videos (38 min) · 2 readings (60 min) · 3 assignments (90 min)

TOPICS: Forecasting and Anomaly Detection | Utilization-Based Optimization

You'll leave with: hands-on techniques to forecast spend, catch anomalies early and reclaim wasted capacity.

03 Building a FinOps Case in an Organization: Adopting FinOps

Adoption challenges, the roadmap, target personas, and a detailed plan

3 hours
9 videos

BY THE END OF THIS MODULE YOU CAN

- Identify common challenges in FinOps adoption
- Build an adoption roadmap and target the right personas
- Plan FinOps and socialize it across the organization
- Prepare the organization and launch FinOps formally

CONTENTS: 9 videos (23 min) · 2 readings (60 min) · 3 assignments (90 min) · 1 discussion (10 min)

TOPICS: Challenges in Adoption and Roadmap · Detailed Plan for Adoption

You'll leave with: a practical playbook for taking FinOps from an idea to a formal launch in your organization.

04 Capstone Project

A FinOps Executive Dashboard, and a case study to present and critique

3 hours
6 videos

BY THE END OF THIS MODULE YOU CAN

- Set objectives and design considerations for an executive dashboard
- Apply a high-level approach to design a FinOps Executive Dashboard
- Present a FinOps case study to stakeholders
- Critique and improve FinOps projects

CONTENTS: 6 videos (14 min) · 3 readings (70 min) · 3 assignments (90 min)

TOPICS: Designing a FinOps Executive Dashboard · Presentation and Review of FinOps Case Study

You'll leave with: a FinOps Executive Dashboard design and a reviewed case study you can walk an interviewer through.

03 TOOLS & SKILLS

The techniques that run through the course.

5R strategies Module 1

Retire, retain, rehost, replatform or refactor each workload.
In this course: Plus serverless and containers for usage-based cost.

Gen AI & ML for spend Module 1

Machine learning, analytics and generative AI applied to billing data.
In this course: Turning cloud spend data into insight.

Forecasting & anomaly detection Module 2

Predicting the bill, and catching the spike before it lands.
In this course: A step-by-step demo of setting it up.

FinOps Executive Dashboard Module 4

One view of cost, savings and trends for decision-makers.
In this course: Objectives, design considerations and a capstone build.

SKILLS YOU LEAVE WITH

Cost optimization

- Cost management & reduction
- Resource utilization
- Serverless & containers
- Cost-efficient architecture

Analytics & forecasting

- Cost forecasting
- Anomaly detection
- Financial data analysis
- Gen AI spend insights

FinOps adoption

- Culture transformation
- Stakeholder engagement
- Roadmap & launch
- Executive reporting

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 in all four modules.

Course 3 of 3
The final course of the Cloud FinOps Specialization.

WHERE THESE SKILLS ARE IN DEMAND

FinOps Practitioner · FinOps Lead / Manager · Cloud Architect · Cloud Financial Analyst · Cloud Cost Optimization Engineer · IT Finance Manager

Board Infinity

Instructor · Offered on Coursera

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

Ready to master Cloud FinOps?

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

Enroll on Coursera

Course page: coursera.org/learn/mastering-cloud-finops

Want a coach alongside the course?

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

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