Resource Allocation in Health Training Course

Professional Development Training Course Outline

Category	Public Health	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Resource Allocation in Health is a critical pillar of modern healthcare systems, focusing on the efficient, equitable, and data-driven distribution of limited health resources such as funding, personnel, medical supplies, infrastructure, and technology. In an era defined by Universal Health Coverage (UHC), digital health transformation, health equity, and cost-effective healthcare delivery, institutions must adopt advanced strategies for prioritization and optimization. Resource Allocation in Health Training Course is designed to strengthen competencies in health economics, strategic health planning, evidence-based decision-making, and health systems strengthening to ensure maximum population health impact.

With rising global health demands, pandemics, and resource constraints, healthcare leaders must master tools such as health budgeting, priority setting, burden of disease analysis, and AI-driven resource optimization models. This course integrates global best practices, real-world case studies, and policy frameworks aligned with WHO health systems building blocks, SDG 3 (Good Health and Well-being), and performance-based financing models. Participants will gain practical skills to improve efficiency, equity, transparency, and sustainability in health resource allocation systems.

Programme Curriculum

Resource Allocation in Health Training Course

Introduction

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Course Duration

5 days

Course Objectives

1. Understand principles of health resource allocation and priority setting
2. Apply health economics and cost-effectiveness analysis
3. Analyze health system financing and budgeting models
4. Use data-driven decision-making in healthcare planning
5. Evaluate equity and access in resource distribution
6. Develop skills in health technology assessment (HTA)
7. Apply burden of disease metrics for planning
8. Strengthen supply chain and logistics optimization
9. Integrate digital health and AI in resource planning
10. Design performance-based financing systems
11. Improve health workforce allocation strategies
12. Understand global health policy frameworks (WHO, SDGs)
13. Implement monitoring and evaluation systems for resource use

Target Audience

1. Health Policy Makers & Government Officials
2. Hospital Administrators & Managers
3. Public Health Professionals
4. Health Economists & Analysts
5. NGO & Donor Agency Staff
6. Health Program Managers
7. Medical Doctors & Clinical Leaders
8. Health Data & Research Specialists

Course Modules

Module 1: Foundations of Health Resource Allocation

- Principles of equity, efficiency, and effectiveness
- Scarcity and opportunity cost in healthcare
- Health systems frameworks (WHO model)
- Decision-making in constrained environments
- Case Study: Resource rationing during COVID-19 ICU shortages

Module 2: Health Economics & Cost-Effectiveness

- Cost-benefit vs cost-effectiveness analysis
- QALYs and DALYs interpretation
- Budget impact analysis
- Economic evaluation tools
- Case Study: Vaccine allocation prioritization in low-income countries

Module 3: Health Financing & Budgeting Systems

- Public vs private health financing models
- Program-based budgeting
- Results-based financing
- Fiscal space for health
- Case Study: Rwanda’s performance-based financing system

Module 4: Data-Driven Health Decision Making

- Health information systems (HIS)
- Big data in healthcare planning
- Predictive analytics for demand forecasting
- Dashboard and KPI tracking
- Case Study: AI-driven hospital bed allocation in India

Module 5: Equity & Universal Health Coverage (UHC)

- Health equity frameworks
- Vulnerable population targeting
- Social determinants of health
- Access vs affordability balance
- Case Study: Kenya’s UHC pilot program resource distribution

Module 6: Supply Chain & Medical Logistics

- Procurement systems in health
- Inventory and stock management
- Cold chain logistics
- Waste reduction strategies
- Case Study: Vaccine cold chain optimization in Africa CDC programs

Module 7: Health Workforce Allocation

- HRH planning and distribution
- Task shifting and task sharing
- Rural vs urban workforce gaps
- Retention strategies
- Case Study: Ethiopia’s Health Extension Worker Program

Module 8: Monitoring, Evaluation & Policy Impact

- M&E frameworks in healthcare
- Performance indicators
- Policy feedback loops
- Accountability systems

- Case Study: WHO health system strengthening evaluation tools

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

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