Health Insurance Systems 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

Health Insurance Systems Training Course is designed to equip learners with in-demand skills in digital health insurance platforms, claims processing systems, insurance analytics, policy administration systems, and healthcare data management. As the global healthcare industry rapidly transitions toward AI-powered insurance automation, digital claims adjudication, and interoperable health information systems, professionals equipped with advanced system knowledge are increasingly essential.

This course provides deep insight into modern health insurance technologies, InsurTech innovations, electronic health records (EHR) integration, fraud detection systems, and regulatory compliance frameworks (HIPAA, GDPR-style data governance). Learners will gain hands-on expertise in managing end-to-end insurance workflows, optimizing claims efficiency, and leveraging data-driven decision-making tools in healthcare insurance ecosystems.

Programme Curriculum

Health Insurance Systems Training Course

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Course Duration

5 days

Course Objectives

1. Understand Health Insurance Information Systems Architecture
2. Master Claims Processing & Adjudication Workflows
3. Analyze Insurance Policy Lifecycle Management
4. Apply InsurTech Digital Transformation Strategies
5. Use AI in Fraud Detection & Risk Assessment
6. Implement Electronic Health Records (EHR) Integration
7. Understand Healthcare Compliance & Regulatory Standards
8. Develop skills in Medical Billing & Coding Systems
9. Optimize Insurance Data Analytics & Reporting
10. Manage Provider Network Management Systems
11. Learn Customer Enrollment & Policy Administration Systems
12. Apply Cloud-Based Insurance Platforms & SaaS Models
13. Improve Operational Efficiency in Health Insurance Ecosystems

Target Audience

1. Health Insurance Administrators
2. Medical Billing & Coding Specialists
3. Healthcare IT Professionals
4. Claims Processing Officers
5. Hospital Administration Staff
6. Insurance Underwriters
7. Data Analysts in Healthcare Sector
8. Public Health & Policy Professionals

Course Modules

Module 1: Introduction to Health Insurance Systems

- Overview of insurance ecosystems
- Types of health insurance models
- Digital transformation in insurance
- Key stakeholders in insurance systems
- System architecture fundamentals
- **Case Study:** Transition of a traditional insurer to a digital-first insurance platform reducing claim delays by 40%.

Module 2: Claims Processing & Automation

- Claims lifecycle stages
- Automated adjudication systems
- Error detection mechanisms
- Digital claims submission platforms
- Real-time claims tracking systems

- **Case Study:** AI-based claims automation reducing manual processing time in a regional insurer.

Module 3: Policy Administration Systems

- Policy creation and enrollment systems
- Policy renewal automation
- Customer data management
- Policy customization tools
- Digital policy servicing platforms
- **Case Study:** Cloud-based policy system improving customer retention rates.

Module 4: Medical Billing & Coding Systems

- ICD & CPT coding standards
- Billing workflow automation
- Error reduction techniques
- Integration with hospital systems
- Reimbursement processes
- **Case Study:** Hospital reducing billing errors by implementing automated coding software.

Module 5: Healthcare Data Analytics

- Insurance data warehouse systems
- Predictive analytics in healthcare
- KPI tracking dashboards
- Risk stratification models
- Business intelligence tools
- **Case Study:** Predictive analytics improving fraud detection accuracy by 35%.

Module 6: Fraud Detection & Risk Management

- Insurance fraud patterns
- AI-based anomaly detection
- Risk scoring systems
- Compliance monitoring tools
- Investigation workflows
- **Case Study:** AI model detecting duplicate claims in a national insurance program.

Module 7: Regulatory Compliance & Data Security

- HIPAA & global compliance standards
- Data privacy frameworks
- Secure data exchange protocols
- Audit systems in insurance
- Cybersecurity in healthcare systems
- **Case Study:** Implementation of secure cloud compliance reducing data breaches.

Module 8: InsurTech & Digital Transformation

- AI in insurance operations
- Blockchain in claims processing
- Mobile insurance applications

- Cloud-native insurance systems
- API-based integrations
- **Case Study:** Blockchain-based claims verification reducing fraud and delays.

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

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