

# Trading Operation Controls

**A practical guide to functioning of trading operations**

## **Themes of this product**

To understand the sequence of trading events that pass through:

- Front office
- Middle office
- Back office

# Trading Operation Controls

The screenshot displays the KESD E Learning interface. The top navigation bar includes icons for chat, messaging, discussion, progress, notepad, search, calendar, and feedback. The main content area is titled 'Trade Life Cycle' and contains the following text and diagram:

**Trade Life Cycle**

The trade life cycle can be regarded as a series of logical steps, which are represented in the below figure:

```
graph TD; subgraph Trading_activities; A[Trade execution] --> B[Trade capture]; end; subgraph Operational_activities; C[Trade enrichment] --> D[Trade validation] --> E[Trade agreement] --> F[Settlement failure] --> G[Trade settlement]; end; B --> C;
```

Each of these activities are explained in the following screens.

## Overview

This e-learning course on 'Trading Operation Controls' is designed to help users understand the logical sequence of events involved in trade life cycle. An in-depth discussion of role and structure of front, middle and back office.

**On completion of this course, you will be conversant with:**

- Trading and operational activities in trade life cycle
- Various functions performed by the front office
- Various functions performed by the middle office
- Various functions performed by the back office

## Target Audience

Those who are interested in understanding the trading operations.

**Course Level: Intermediate**  
**Library of 4 Courses**

Duration of each course- 1.0 Hour

# Trading Operation Controls

## Library of 4 Courses

### 1. Trade Life Cycle

- Basic concepts in trade life cycle
  - Front office
  - Middle office
  - Back office
- Logical sequence of events in trade life cycle
- Concept of Straight Through Process (STP)

### 2. Front Office Controls

- The role and structure of the front office in a trading institution
- The importance of front office in the financial institution's trading activities
- The different methodologies of measuring and managing market risk
- The techniques used by trading institution to summarize market risk
- The market-risk limits that are used to control the risks that arise in trading activity

### 3. Middle Office Controls

- The techniques used for determining market prices for liquid instruments and illiquid instruments.
- The valuation methodologies that are used in the middle office for marking trade positions.
- The pricing models which are used to value and hedge financial securities.
- The characteristics of the pricing model review process.

### 4. Back Office Controls

- Various functions performed by the back office
- Processing of payments and delivery or receipt of securities, commodities, and written contracts by back office staff
- Role of back office in:
  - Confirmation of trading transaction
  - Settlement of transaction process
  - Foreign payments
  - Reconciliations
- Netting and types of netting

# Available Products

## KESDEE's Off-the-Shelf e-Learning Course Libraries

### Product Name

### No. of Courses

1. Asset Liability Management	Library of 28 Courses
2. Liquidity Management and Contingency Funding Plan	Library of 14 Courses
3. Financial Institution Analysis - CAMELS Approach	Library of 08 Courses
4. Financial Mathematics	Library of 07 Courses
5. Global Banking Supervision	Library of 15 Courses
6. Capital Adequacy Planning (Basel I)	Library of 07 Courses
7. Basel-II-University	Library of 63 Courses
8. Operational Risk Management – Basel II	Library of 09 Courses
9. Futures and Forwards	Library of 07 Courses
10. Swaps	Library of 07 Courses
11. Options	Library of 10 Courses
12. Market Risk - Basic	Library of 08 Courses
13. Market Risk - Intermediate	Library of 08 Courses
14. Market Risk - Advanced	Library of 04 Courses
15. Value at Risk	Library of 16 Courses
16. Credit Analysis	Library of 13 Courses
17. Credit Ratings	Library of 03 Courses
18. Counter party Credit Risk	Library of 09 Courses
19. Credit Risk Modeling	Library of 06 Courses
20. Credit Derivatives	Library of 23 Courses
21. Operational Risk Management	Library of 21 Courses
22. Asset Securitization	Library of 28 Courses
23. Asset Liability Management for Insurance Companies	Library of 29 Courses
24. Anti-Money Laundering	Library of 06 Courses
25. Financial Privacy	Library of 06 Courses
26. Corporate Governance	Library of 09 Courses
27. Sarbanes-Oxley Act	Library of 12 Courses
28. Governance, Risk and Compliance	Library of 07 Courses
29. Money Markets	Library of 09 Courses
30. Fixed Income Markets	Library of 17 Courses
31. Equity Markets	Library of 10 Courses
32. Foreign Exchange Markets	Library of 09 Courses
33. Commodity and Energy Markets	Library of 03 Courses
34. CTM - Foreign Exchange Management	Library of 07 Courses
35. CTM - Treasury Analytics	Library of 05 Courses
36. CTM - Interest Rate Risk Management	Library of 04 Courses
37. CTM - Funding and Investments	Library of 05 Courses
38. CTM - Implementation	Library of 04 Courses
39. CTM - Case Studies	Library of 05 Courses
40. Understanding Financial Statements	Library of 02 Courses
41. Budgeting	Library of 05 Courses
42. Management Accounting	Library of 07 Courses
43. Financial Accounting	Library of 09 Courses
44. Mutual Funds	Library of 10 Courses
45. Financial Planning	Library of 09 Courses
46. UCP600	Library of 07 Courses
47. International Trade Services	Library of 09 Courses
48. BBM - Deposits	Library of 04 Courses
49. BBM - Advances	Library of 07 Courses
50. BBM - Marketing	Library of 03 Courses

# Available Products

## KESDEE's Off-the-Shelf e-Learning Course Libraries

### Product Name

### No. of Courses

51. BBM - Payment and Settlement System	Library of 02 Courses
52. BBM - Foreign Exchange Operations	Library of 03 Courses
53. BBM - Trade Finance	Library of 02 Courses
54. BBM - Book Keeping and accounting	Library of 03 Courses
55. BBM - Ancillary Services	Library of 02 Courses
56. BBM - Risk Management	Library of 03 Courses
57. BBM - Technology and Security	Library of 02 Courses
58. BBM - HRM and CSR	Library of 02 Courses
59. BBM - Retail Banking	Library of 03 Courses
60. Introduction to Bank Lending Environment	Library of 07 Courses
61. Basics of Banking	Library of 10 Courses
62. Flotation	Library of 04 Courses
63. Project Valuation	Library of 03 Courses
64. Trading Operation Controls	Library of 04 Courses
65. Economics	Library of 16 Courses
66. Estate Planning	Library of 04 Courses
67. Global Economic Crisis - Liquidity Management	Library of 07 Courses
68. Brokerage Operations	Library of 01 Course
69. Risk Analysis	Library of 05 Courses

\* CTM: Corporate Treasury Management

\* BBM: Bank Branch Management

### Certification Tutorials

1. ePRM Coach	Library of 68 Courses
2. Associate ePRM Coach	Library of 36 Courses
3. eFRM Coach for FRM Part I Exam	Library of 37 Courses
4. eCoach for the CFA® Level I Program	Library of 76 Courses

## Upcoming Products

KESDEE has the required technology platform to respond to clients training requirements in the banking and financial services industry. We offer several solutions, each developed with the guidance of creditable experts. Given below are few of the forthcoming products:

- Agricultural Finance



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