

Options

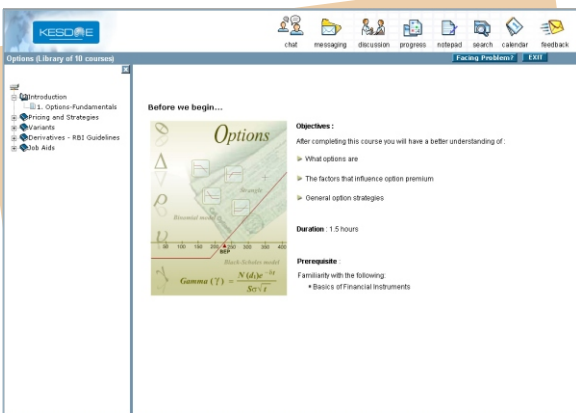
A comprehensive e-learning product covering strategies, concepts and pricing of Options.

After completing this course, you will be conversant with:

- The concepts and terminologies used in Options market
- Different types of Options available in the financial market
- Application of various pricing models
- Identification of Options as a tool for speculative and hedging activities



Options



Course Level & Number of Courses

Basic & Intermediate Level
Library of 10 Courses

Instructional Method

Dynamic, Interactive e-learning

Recommended Background

Familiarity with basic financial concepts

Overview

Growth of internationalization has increased the use of derivative instruments in the financial markets. Financial Options have changed the face of finance by creating new ways to understand, measure, and manage risks. These should be considered part of any firm's risk-management strategy to ensure that value-enhancing investment opportunities are pursued. This product is targeted at those individuals needing to understand the positions that can be taken in option transactions. It is an excellent product for anyone involved in option transactions, as it is filled with ideas for graphically detailing the risk/reward profile of various option positions. Analytical and numerical methods of option pricing have been dealt in detail.

Target Audience

Every professional involved in the global financial services industry (as a provider, user, regulator or advisor of product/services, marketplace/exchange) would benefit from KESDEE's innovative solutions.

- Supervisory Agencies
- Central Banks
- Financial Institutions
- Commercial Banks
- Investment Banks
- Housing Societies/Thriffs
- Mutual Funds
- Brokerage Houses
- Stock Exchanges
- Derivatives Exchanges
- Insurance Companies
- Multinational Corporations
- Accountancy Firms
- Consultancy Firms
- Law Firms
- Rating Agencies
- Multi-lateral Financial Institutions
- Others

The themes of this product are:

- Fundamentals of Options contracts
- Knowledge of the concepts of Options
- Pricing of both American and European Options
- Mechanics of Option trading strategies by market participants

Library of 10 Courses

Time taken to complete each Course: Two - Three hours

1. Options-Fundamentals

- Objectives
- Basics
- Option Premium
- Basic Options Positions

2. European Option Pricing

- Objectives
- Introduction
- Single-period Binomial model
- Multi-period Binomial model
- Black-Scholes model

3. Options-The Greeks

- Objectives
- Introduction
- Delta
- Gamma
- Theta
- Vega
- Rho

4. Options-American Style

- Objectives
- The Option of Early Exercise
- Black-Scholes Option Pricing model
- Binomial Option Pricing model

5. Trading Strategies

- Objectives
- Introduction
- Covered strategies
- Spreads
- Straddles
- Butterflies
- Strangles
- Summary of strategies

6. Interest Rate Options

- Objectives
- Introduction
- Pricing
- Caps, Floors and Collars
- Trading Strategies

7. Currency Options

- Objectives
- Introduction
- Types and Characteristics
- Pricing
- Uses of Currency Options

8. Swaptions

- Objectives
- Introduction
- Swaption Variants
- Pricing of Swaptions
- Uses of Swaptions

9. Options on Futures

- Objectives
- Introduction
- Quotations
- Pricing

10. Exotic Options

- Objectives
- Introduction
- Forward-Start Options
- Compound Options
- Chooser Options
- Barrier Options
- Look-back Options

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- Measurement Tools
- Disclosures
- Regulations
- Global Best Practices
- Benchmarking Data

Calculators in Futures and Forwards

1. Historical volatility
2. Implied volatility
3. Risk-free rate of interest
4. Single-period Binomial Option pricing model
5. Multi-period Binomial Option pricing model
6. Multi-period Binomial Option pricing model –dividends
7. Unit Normal Cumulative Probabilities
8. Black-Scholes Option Pricing Model
9. Black-Scholes-Merton Option Pricing Model
10. Calculating Delta
11. Calculating Gamma
12. Calculating Rho
13. Calculating Theta
14. Calculating Vega
15. A Comprehensive Calculator for Option Pricing and also for Greeks
16. Bivariate Normal Cumulative Probabilities
17. Binomial Approximation with a continuous dividend yield
18. Binomial Approximation with a known dividend yield
19. Binomial Approximation with a known dollar dividend
20. Pseudo American call option pricing
21. Analytic approximation of American stock option prices
22. Chooser Options
23. Forward Start Options
24. Options on Futures
25. Options on LIBOR
26. Swaptions
27. Currency Options Calculator - Binomial Model

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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