

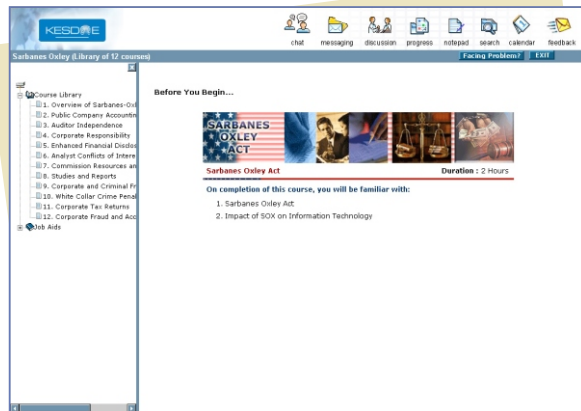
Basel II University

A comprehensive e-learning product on the new capital adequacy framework issued by the Basel Committee.

Upon completion of the course, the user will be able to:

- Understand the requirements of Basel II and its background
- Specify the data requirements for the key calculations involved in various approaches
- Perform the basic calculations for both the Standardized and IRB approaches
- Understand the advanced approaches for credit risk as well as operational risk
- Identify the specific issues to be addressed under supervisory review process (Pillar II)
- Understand the general considerations with regard to disclosure requirements (Pillar III)





Overview

This is a comprehensive course that covers the requirements for Basel II as per the revised framework "International Convergence of Capital Measurement and Capital Standards". It covers in detail the primary components, or pillars, i.e., minimum capital requirements, supervisory review process and market discipline.

Course Level & Number of Courses

Intermediate & Advanced Level
Library of 39 Courses

Instructional Method

Dynamic, Interactive e-learning

Recommended Background

Familiarity with basic financial concepts

Duration

Time taken to complete each Course:
Two - Three hours

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

General

1. Basel II - An Overview

- The objectives of the "International convergence of capital measurement and capital standards". (Also known as BaselII)
- The substance of minimum capital requirements (PillarI)
- The role of supervision as an essential complement to minimum capital requirement
- The broad qualitative and quantitative disclosures which banks have to disclose under new Basel Capital accord

2. Scope of Application

- General considerations with regard to disclosure requirements
- Scope of application

Credit Risk

3. Credit Risk - Standardized Approach

- Risk components and risk weights for corporate, bank, equity and sovereign exposures
- Approaches used to estimate the risk components
- Minimum requirements for corporate, bank, equity and sovereign exposures

4. Standardized Approach-Credit Risk Mitigation

- Techniques that banks use to mitigate credit risk
- Treatment of risk mitigation techniques in standardised approach

5. Simplified Standardized Approach

- Simplified Standardised approach for credit risk
- Treatment of credit risk mitigation techniques under simplified standardised approach
- Treatment securitization transactions
- Simplified Standardised approach for operational risk

6. IRB Approach - Overview

- The mechanism of IRB approach
- Different categories of exposures
- Risk components involved
- Sub-approaches in IRB approach
- The procedure for adopting IRB approach across asset classes
- Transition arrangements under the IRB approach

7. IRB Approach - Rules for Exposures

- Risk weight for corporate exposure
- Risk weight for Specialized Lending portfolio
- Risk weight for IRB Sovereign portfolio
- Risk weight for IRB Bank exposures Portfolio
- Risk weight for qualifying revolving retail exposures portfolio
- Risk weight for Other Retail exposures Portfolio
- Risk weights for equity exposures
- Risk weights for Purchased receivables

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8. IRB Approach - Minimum Requirements

- Minimum requirements under each exposures to be eligible for the IRB approach

9. Credit Risk - Securitization Framework

- IRB approach for securitization exposures
- Credit Risk Securitization framework

Operational Risk

10. Operation Risk Measurement Approaches

- Principles for management and supervision of operational risk
- Framework for evaluating operational risk management policies and practices
- Role of supervisors and the utility of disclosure
- Qualifying criteria for operational risk measurement approaches

11. Qualifying Criteria For Operational Risk

- Qualifying criteria for operational risk measurement approaches

Market Risk

12. Market Risk - Measurement Framework

- Methods to measure market risk capital
- Capital Ratio

13. Market Risk - Standardized Measurement Approach

- Treatment of Interest rate risk
- Treatment of equity position risk
- Treatment of Foreign Exchange Risk
- Treatment of Commodity Risk
- Treatment of options

14. Market Risk - Internal Models Approach

- 'General' and 'Qualitative' requirements banks need to fulfill to be eligible to use the internal models approach
- Quantitative standards that banks have to keep in mind for calculating their capital charge
- Specification of market risk factor
- Back Testing
- Stress Testing

Supervisory Review Process

15. Key Principles

- Key principles of Supervisory review process

16. Specific Issues

- Specific issues to be addressed under supervisory review process
- Principles for the management and supervision of Interest Rate risk management

17. Supervisory Review Process for Securitization

- Significance Of Risk Transfer
- Market innovations
- Provision Of Implicit Support and the supervisory action
- Residual risks
- Early amortization
- Call Provisions

Market Discipline

18. Market Discipline

- General considerations with regard to disclosure requirements
- Scope and applications
- Disclosure requirements for various risk exposures

Implementation - IRB Systems for Corporate Credit

19. An Overview of IRB Systems for Corporate Credit

- Concepts and requirements for an IRB framework for corporate credit.

20. Ratings for IRB systems

- Supervisory guidance on ratings of IRB systems for corporate credit risk

21. Quantification of IRB Systems-PD

- Supervisory guidance on quantification of probability of default of IRB systems for corporate credit risk.

22. Quantification of IRB Systems-LGD

- Supervisory guidance on quantification of loss given default of IRB systems for corporate credit risk.

23. Quantification of IRB Systems-EAD and Maturity

- Supervisory guidance on quantification of exposure at default of IRB systems for corporate credit risk
- Supervisory guidance on quantification of maturity of IRB systems for corporate credit risk

24. Data Maintenance Framework

- Supervisory guidance on data maintenance of IRB systems for corporate credit risk.

25. Control and Oversight Mechanisms

- Supervisory guidance on Control and Oversight Mechanisms of IRB systems for corporate credit risk.

Implementation - IRB Systems for Retail Credit

26. An Overview of IRB Systems for Retail Credit

- Concepts and requirements for an IRB framework for retail credit.

27. Retail Risk Segmentation systems for IRB

- Supervisory guidance on retail risk segmentation.

28. Quantification of IRB Systems-PD

- Supervisory guidance on quantification of IRB systems Probability of Default.

29. Quantification of IRB Systems-LGD

- Supervisory guidance on quantification of IRB systems Loss Given Default.

30. Quantification of IRB Systems-EAD and Maturity

- Supervisory guidance on quantification of IRB systems Exposure at Default.

31. Quantification - Special cases

- Supervisory guidance on quantification of special cases and applications.

32. Validation

- Supervisory guidance on validation of IRB systems for retail credit risk.

33. Data Maintenance Framework

- Supervisory guidance on data maintenance of IRB systems for retail credit risk.

34. Control and Oversight Mechanisms

- Supervisory guidance on control and oversight mechanisms of IRB systems for retail credit risk.

Implementation - AMA Approach for Operational Risk

35. Operational Risk - AMA and Corporate Governance

- Supervisory guidance on operational risk to implement Advanced Measurement Approach (AMA) with reference to corporate governance.

36. Operational Risk Management Elements

- Supervisory guidance on the operational risk management framework for implementing advanced measurement approach.

37. Elements of an AMA Framework

- Supervisory guidance on the elements of an AMA framework.

38. Risk Quantification and Mitigation

- Supervisory guidance on risk quantification and mitigation for implementing advanced measurement approach.

39. Data Maintenance and Testing

- Supervisory guidance on data maintenance and testing requirements for implementing advanced measurement approach.

JOB AIDS

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

Calculators in Basel II University

1. Capital Ratio Calculator
2. Comprehensive Basel II Calculator
3. Risk Weighted Assets for Retail Exposures - IRB Approach
4. Exposure for Collateralized Transaction After CRM
5. Capital Charge for Operational Risk Under Standardized Approach
6. Effective Maturity for Advanced IRB approach
7. Currency Mismatch and Maturity Mismatch
8. Capital Charge for Operational Risk Under Alternative Standardized Approach
9. Capital Charge for Operational Risk Under BIA
10. Internal Measurement Approach (Foundation Model)
11. Maturity Ladder Approach for Commodities Risk
12. Capital charge Under Delta-Plus Method for Options
13. Capital Charge for Credit Risk Under Standardized Approach
14. IRB Approach for Risk-weights of Corporate, Sovereign, and Bank exposures
15. IRB Approach for Risk-weights of SME Borrowers
16. Supervisory Formula Approach

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 39 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. CTM - Trading Operation Controls	Library of 04 Courses
41. Understanding Financial Statements	Library of 06 Courses
42. Budgeting	Library of 05 Courses
43. Management Accounting	Library of 07 Courses
44. Financial Accounting	Library of 15 Courses
45. Mutual Funds	Library of 10 Courses
46. Financial Planning	Library of 09 Courses
47. UCP600	Library of 07 Courses
48. International Trade Services	Library of 09 Courses
49. Bank Branch Management - Deposits	Library of 04 Courses
50. Bank Branch Management - Advances	Library of 07 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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