

# e-Coach for PRM

Online tutorial that helps you ace the Professional Risk Manager (PRM) Program

Brochure guide 

- Professional Risk Manager Certification
- e-Coach for PRM
- Engine Features
- Professional Risk Manager Exam
- ePRM Course Library
- FAQs

[www.kesdee.com](http://www.kesdee.com)

**KESDEE**

KESDEE's training courses are focused on the financial services industry and are developed by experienced finance practitioners.

KESDEE's Certification Tutorials are online training programs designed to train candidates seeking professional certifications. With the advantage of accessing a training program 365/24/7, professionals have the convenience of learning from their home or office using a desktop or laptop.

KESDEE's e-Coach for PRM is designed in accordance with PRMIA's exam structure and the prescribed study guide. The eCoach is equipped with the concepts and practices, and several user friendly features.

## e-Coach for PRM

*Concise guide to  
risk management*

**Product Features:**

- Available as a comprehensive self study package
- State-of-the art simulated learning environment
- Exhaustive theoretical material supplemented with contemporary case studies
- Learner friendly courses complete with:
  - Formulae, definitions and concise summaries
  - Interactive simulations
  - Solved examples, practice exercises and quizzes
  - Mock exams from proprietary database
  - Timed tests in exam format
  - Personalized results for self assessment
  - Glossary, FAQs, tips center and pocket reference
  - Valuable reference extracts
  - Online access with 24x7 customer support



**Individual Professional Risk Manager Exam online tutorial along with Diagnostic exam (for 1 year access duration) USD 49 per user**



**71 courses to prepare for the Professional Risk Manager Exam**

e-Coach for PRM Course Library

**FINANCE THEORY,  
FINANCIAL INSTRUMENTS  
AND MARKETS**

**1**

1. Risk and Risk Aversion
2. Portfolio Mathematics
3. Capital Allocation
4. CAPM and Multifactor Models
5. Basics of Capital Structure
6. The Term Structure of Interest Rates
7. Valuing Futures and Forwards
8. Principles of Option Pricing
9. Bonds
10. Bonds Analysis
11. Floating Rate Notes
12. Futures and Forwards
13. Swaps
14. Options
15. Credit Derivatives
16. Caps, Floors, and Swaptions
17. The Structure of Financial Markets
18. Money Market
19. FX Market
20. Stock Markets
21. Futures Market
22. Capital Markets
23. The Structure of Commodities Markets
24. Energy Markets

**Example**  
Returns (in percentage) on a stock over a 12-month period are as provided in the table below.

Returns $X_i$ (%)	$(X_i - \bar{X})$ (%)	$(X_i - \bar{X})^2$
-4.12	-7.43	55.2049
7.69	4.38	19.1844
3.29	-0.02	0.0004
1.04	-2.27	5.1529
-10.99	-14.3	204.49
6.88	3.57	12.7449
10.59	7.28	52.9984
6.19	2.88	8.2944
8.76	5.45	29.7025
5.19	1.88	3.5344
-3.19	-6.5	42.25
8.39	5.08	25.8064

$S^2 = \frac{459.3636}{12} = 38.2803$   
 $S = \sqrt{38.2803} = 6.19\%$

$\sum X = 39.72$   
 $\bar{X} = 39.72/12 = 3.31$

$\sum (X_i - \bar{X})^2 = 459.3636$

**MATHEMATICAL  
FOUNDATIONS OF  
RISK MEASUREMENT**

**2**

1. Foundations
2. Descriptive Statistics
3. Calculus
4. Linear Mathematics and Matrix Algebra
5. Probability Theory in Finance
6. Statistics
7. Regression Analysis
8. Numerical Methods

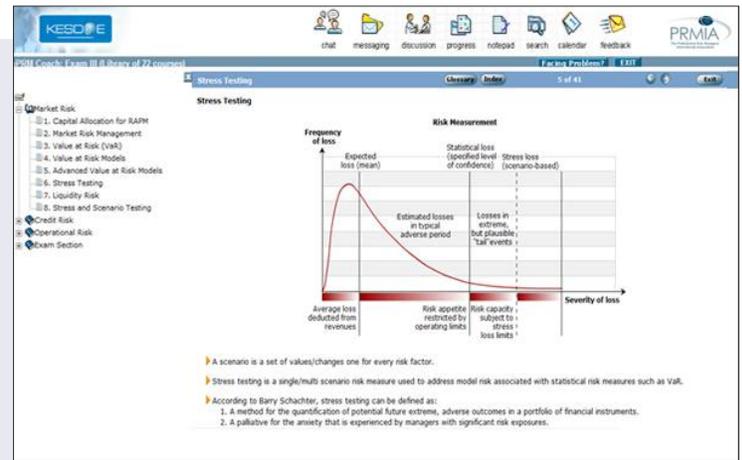


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**RISK MANAGEMENT PRACTICES**

3

1. Capital Allocation for RAPM
2. Market Risk Management
3. Value at Risk (VaR)
4. Value at Risk Models
5. Advanced Value at Risk Models
6. Stress Testing
7. Liquidity Risk Management
8. Stress and Scenario Testing
9. Credit Risk Management
10. Foundations of Credit Risk Modelling
11. Credit Exposure
12. Rating agencies and their grades
13. Marginal and cumulative default risk
14. Transition matrix and correlated migrations
15. Portfolio Models and Credit Loss
16. Merton and KMV models
17. Credit Risk Capital Calculation
18. The Operational Risk Management Framework
19. Operational Risk Process Models
20. Operational Value-at-Risk
21. Information Risk
22. Systemic Risk



**CASE STUDIES, PRMIA STANDARDS OF BEST PRACTICE**

4

1. Barings
2. National Australia Bank
3. Bankgesellschaft Berlin
4. LTCM
5. Bankers Trust
6. Orange County
7. Metallgesellschaft
8. World Com
9. Northern Rock
10. Taisei Fire and Marine Insurance
11. Fannie Mae/Freddie Mac
12. China Oil
13. Washington Mutual
14. PRMIA Governance Principles\*
15. PRMIA Standards of Best Practice, Conduct and Ethics
16. Group of Thirty Derivatives Best Practice
17. PRMIA Bylaws



## FAQs

### **Details about Professional Risk Manager exam:**

All information available at [www.prmia.org](http://www.prmia.org)

### **How important is e-Coach for PRM:**

ePRM Coach for PRM covers all subject area and is consistent with the requirements of PRMIA standards. The courses have been designed for all risk professionals who want to assess and develop their skills.

### **Software required for access:**

Macromedia Flash Player plugin  
Java Applet support plugin

**For more details on e-Coach for PRM,**

**please visit us at: <https://kesdee.com/exampreps.html>**

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in over **750** course

with **700 Simulations**

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