



## Credit Risk Modeling - Online

This course discusses the various approaches to credit risk modeling, including: CreditMetrics, the first available portfolio model for evaluating credit risk developed by JP Morgan; credit risk management framework introduced by Credit Suisse First Boston (CSFB); credit risk model developed by KMV Corporation (after Moody's acquisition, it is called M-KMV); credit risk model namely 'CreditPortfolioView' developed by McKinsey.

This is an online self study course that can be globally accessed 24/7 from any internet enabled computer.

### Available Session(s):

Available Today

Online

USD \$150

Online

Instructor(s):[]

### Targeted Audience

Individuals who require familiarity with credit basics and the associated language, but who do not necessarily work in a credit or finance function.

### Advance Preparation

No advance preparation required.

### Prerequisites

Familiarity with corporate balance sheets and income statements

**Level:** Basic

**CPE Credits:** 12

**Instructional Method:** Self-Study

### Detailed Outline

Conceptual Approaches to Credit Risk Modeling

- The applications and hurdles in credit risk models
- The distribution of credit losses
- Conditional Vs. Unconditional models
- The approaches to credit risk aggregation
- The correlation between credit events

### **JP Morgan CreditMetrics**

- Introduction to CreditMetrics framework
- Process followed to evaluate credit risk
- Three powerful applications of CreditMetrics

### **CSFB's CreditRisk+**

- CreditRisk+ model and its components
- Stages in CreditRisk+ modeling process
- Applications of CreditRisk+

### **KMV PortfolioManager**

- KMV model
- Distance-to-default
- Expected default frequency
- Advantages and weakness of KMV

### **Credit PortfolioView**

- Methodology followed by CreditPortfolioView
- Its default prediction model
- Conditional transition matrix

### **Credit Portfolio Management**

- Portfolio theories
- Traditional Vs. modern credit management approach
- Credit risk management tools
- Comparison of credit risk model
- Credit derivatives and asset securitization

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