

# Treasury Management and Money Market Operations

## ADVANCED CERTIFICATION

### Program Description

The Advanced Certificate in Treasury and Money Market Operations is designed to build on the skills acquired in the Level II (Intermediate) Certification, and provide professionals with solid grounding in corporate and institutional risk management. They will develop a comprehensive understanding of both the conceptual underpinnings and applications of risk management and portfolio management tools.

### Required Courses Included In Curriculum

- Short Term Cash Management and Repurchase Agreements
- Foreign Exchange Cash, Forward and Futures Markets
- Balance Sheet Management for Corporate Issuers
- Financing Through Asset Securitization
- Credit Spreads and the Management of Risk
- Managing Interest Rate Risk
- Hedging and Speculating with Options and Futures
- Rate Risk Management with Interest Rate Forwards and Swaps
- Complex Swaps, Options, Caps, Floors and Swaption Uses and Applications
- Currency Option and Swap Uses and Markets
- Portfolio Structuring and Analysis
- Portfolio Management and Performance

The Globecon Institute reserves the right to modify, change or substitute Courses or Learning Units at any time, to guarantee a relevant and balanced learning experience.

### Study Requirements and Delivery

Delegates for this certification are expected to undertake between 10 – 12 hours effort per week. This grid below indicates the types of activities that delegates would undertake.

Learning Activity	Time allocated
Online, self study activities / resource room self study	60 hours
Live, in-class lectures and review	24 hours
Online video and/or audio lectures/Webinars	16 hours
Online mentorship and forum participation	10 hours
Assessment preparation	15 hours
<b>Total Hours</b>	<b>125 hours</b>

This certification is a blended education approach combining:

- A comprehensive student manual which serves as the guide for education activity;
- Online self-study materials, exercises, quizzes and learning activities;
- Live, face-to-face lectures and reviews;
- Pre-recorded video and / or audio lectures; and
- Online learning community through facilitated discussion forums, chat rooms and LiveHelp

### **Who Should Enroll**

Heads of business units, middle managers, project managers, and staff in traditional finance areas such as risk management, credit, corporate and investment banking, relationship management, research, structuring, sales and trading, and originations, as well as those in areas such as accounting, audit, legal and compliance, information technology, systems, operations and human resources, whose background is not primarily in finance. In addition, new hire analysts and associates across all functional areas of the financial institution, who intend to work and/or specialize in treasury or money market management positions.

A working knowledge of financial mathematics, quantitative methods, basic yield curve and cash flow pricing concepts is assumed, as well as a foundational familiarity with cash market and derivative instruments and markets. Prior completion of the Intermediate (Level I) Certificate is strongly recommended.

### **What You Will Learn**

Upon completion of this certificate program, you will be able to:

- Identify and analyze the risk exposures of corporate and financial institution clients
- Develop a framework for understanding and analyzing credit risk
- Understand how to structure, price and evaluate the full spectrum of hedging alternatives in the cash and derivatives markets
- Manage credit risk portfolios by restructuring exposures with the use of credit derivatives
- Develop and implement appropriate risk management solutions
- Calculate risk-adjusted return on capital
- Evaluate and mitigate risk exposures at the portfolio level

### **Certification Assessment**

One or more Mastery Tests and Assessment Activities are required for each subject in this certification. The goal of the tests and activities is to ensure delegates are able to apply their knowledge and skills to real industry situations. Mastery Tests are administered in person. Assessment Activities may include one or more or combination of case studies; exercises; project work; essays; and, reports.

### **Course completion requirements**

Delegates must successfully complete all core subjects (a total of 24 credits) within two (2) years of the initial date of enrolment. Typical delegates can achieve this qualification within 6 – 9 months.

### **Course Admission requirements**

Delegates must have completed the Intermediate Certification in Treasury Management and Money Market Operations prior to registering for this certification.

### **Other Intermediate Certifications**

The Foundations of Finance Certification provides successful delegates the core knowledge required in the financial services sector. Intermediate and Advanced specialized tracks are available to build on this foundation with advanced specialization and certifications.