

# **Global Financial Instruments and Applications**

## **ADVANCED CERTIFICATION**

### **Program Description**

The Advanced Certificate in Global Financial Instruments and Applications is designed to built on the education of the Intermediate Certificate (Level I) and reviews the purpose and mechanism behind various complex derivatives products. They will also develop a comprehensive understanding of both the conceptual underpinnings and applications of tools such as credit risk measurement and management and value-at-risk (VAR).

### **Required Courses Included In Curriculum**

- Applications of Institutional Asset-Liability Management
- Credit Spreads and the Management of Risk
- Managing Credit Risk and Counterparty Exposure
- Uses and Applications of Value at Risk
- Fixed Income Forwards and Futures Markets
- Foreign Exchange Cash, Forward and Futures Markets
- 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
- Comparing Derivative Alternatives
- Use and Application of Equity Derivatives

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.

<b>Learning Activity</b>	<b>Time allocated</b>
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 sales and trading, credit, research, structuring, and origination and risk management, 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 global financial instruments. 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:

- Understand how to put together hedging strategies using a number of instruments
- Manage domestic and international risk using derivatives products and cross-border products, including foreign exchange forwards and options
- Understand the function and purpose of a variety of swaps and options
- Manage credit risk and use measurement tools including value-at-risk (VAR)

### **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 Global Financial Instruments and Applications 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.