COURSE FEE

- **Face-to-face Attendance:**

USD$600.00 + 16 1/2% GCT per person

Cost includes all course material, certificate, lunch and coffee breaks

PAYMENT AND REGISTRATION PROCEDURE

Kindly complete and return registration form and submit to info@jifsjm.org or Fax. to 876-754-5049. Send original along with full payment to JIFS **no later than Monday, November 5, 2018.**
Please make cheque payable to:

The Jamaica Institute of Financial
Services VM building
53 Knutsford Boulevard
Kingston 5

CANCELLATION POLICY

Applicants will be refunded 50% of total fee paid, if their notice of cancellation is received at least 7 working days prior to the date of the programme. There will be no refund for cancellation made after**, Wednesday, November 14, 2018.**

Substitutions may be made at any time.

JIFS reserve the right to cancel the programme at any time, if there is insufficient enrolment. In that event, full course fee paid will be refunded.

JIFS Mission Statement

The Jamaica Institute of financial services (JIFS) is committed to providing cutting-edge programmes for the continuous building of human and organizational capability in the practice and finance, through research and professional development of knowledgeable, ethical and customer-driven professionals.

Hotel Accommodation

Participants wishing hotel accommodation should contact the JIFS directly.

JAMAICA INSTITUTE OF FINANCIAL SERVICES
Promoting Research & Development

Jamaica Institute of Financial Services
53 Knutsford Boulevard
VM Building, Kingston 5
Tel: (876) 754-5051 (876) 754-5052
Fax: (876) 754-5049
Email: info@jifsjm.org
Website: www.jifsjm.org

JAMAICA INSTITUTE OF FINANCIAL SERVICES
Promoting Research & Development

Financial Services Training Institute

presents

"FINANCIAL MODELING"

November 21 - 23, 2018
8:30 a.m. - 4:30 p.m.

Jamaica Institute of Financial Services
VM Building, 3rd Floor
53 Knutsford
Boulevard
Kingston 5

ABOUT JIFS

The Jamaica Institute of Financial Services (JIFS) was established as The Jamaica Institute of Bankers (JIOB) in 1977 by the Bank of Jamaica and the Commercial Banks. In 1999 the Jamaica Bankers Association (JBA) assumed full responsibility for its operations. The name change took effect in May 2010 to reflect its mandate to support the financial services industry through training (*Financial Services Training Institute*), research (*Research Club*) and social exchange (*Finance Club)*.

In its effort to prepare professionals for the global market place it has forged a number of strategic partnerships both locally and overseas. JIFS now offers the Chartered Banker MBA programme from the internationally renowned Business School for Banking (Bangor University) in partnership with the world's oldest professional Institute of Bankers (The Chartered Institute of Bankers – Scotland). It also offers certification programmes through the International Compliance Training (UK). JIFS is a service member of the Caribbean Association of Banks (CAB).

THE FACILITATOR

HOWARD HAUGHTON, PhD

Dr. Haughton is the Managing Director of a boutique financial and risk management consultancy based in the UK and the Caribbean. He holds a doctorate in mathematical computer science (from the University of Wolverhampton) a Masters diploma (achieved with Distinction) in financial strategy (from the University of Oxford) and a B.Sc in Mathematics, Statistics & Computer Science from Teesside University.

He has held senior executive positions in capital markets and risk management at institutions such as JP Morgan, Merrill Lynch, Deutsche Bank and Dresdner Bank as well as similar positions in local institutions.

Dr Haughton is an Adjunct Professor of Finance at UTECH and is a Fellow of the UK Institute of Mathematics & Its Applications, a Certified Treasury Professional, and a Fellow of the American Academy of Financial Management (AAFM). He holds the designation of Chartered Asset Manager, Chartered Portfolio Manager, Chartered Wealth Manager and Chartered Risk Analyst of the AAFM.

COURSE DESCRIPTION

Project financing is an important component in supporting the growth of developing economies. The current economic climate suggests that such projects need increased sophisticated models to better assess the effects of project assumptions and lend itself to more analytical validation.

TARGET AUDIENCE

Senior management and executives from various areas of credit, risk, finance, audit and Investment; including:

- Credit Managers
- Financial Analysts
- Portfolio risk managers
- Finance Managers
- Investment Professionals

PROGRAMME OBJECTIVES

This workshop is primarily aimed at providing the necessary quantitative techniques needed to understand how to produce robust Excel models. It assumes a basic understanding of Excel and its interactive nature will prove useful to those of varied skill-sets.

All sessions will involve practical exercises, supported by case studies.

Participants will:

1. be introduced to effective quantitative techniques. E.g. IRR, NPV and how these should be modeled in Excel.
2. be guided through methods on how to efficiently navigate around the excel environment producing models that are easy to read and maintain.
3. learn how to apply concepts such as regression analysis and Monte-Carlo simulation as an aid in forecasting cash flows.

Participants are expected to take their laptops to the workshop.

COURSE CONTENT

- **Fundamentals of Excel**
- **Graphing Fundamentals**
- **Financial Prerequisites**
  - Quantitative techniques
  - Simple modeling of cash flow and sensitivity analysis
- **Financial Analysis Review for Project Financing**
  - Analysis of income statements
  - Analysis of Balance Sheets
  - Analysis of cash flow – free cash flow
  - Ratio analysis
- **Forecasting**
  - Sustainable growth rate
  - Determining financing needs
  - Projecting financial statements
  - Regression analysis
  - Smoothing methods, e.g. moving average, exponential
- **Modeling Construction Project Financing**
  - Understanding what financiers are typically looking for
  - Incorporate varying drawdown assumptions
  - Modeling covenants
  - Incorporating the effects of dividends
  - Modeling leverage
  - Modeling debt amortization
  - Cash sweep
  - Incorporating cost returns
- **Descriptive Statistics**
  - Summary statistics: mean, standard deviation, percentiles/confidence intervals
  - Probability distribution, e.g. Normal Binomial
- **Monte Carlo Simulation**
  - Performing a Monte Carlo simulation to model cash flow