COURSE OVERVIEW FM0198-3D
Financial Modelling, Project Financing & Budgeting

Course Title
Financial Modelling, Project Financing & Budgeting



Course Date/Venue
December 28-30, 2026/TBA Meeting Room, Royal Rose Hotel Abu Dhabi, a Curio Collection by Hilton Affiliated Hotel, Abu Dhabi, UAE

Course Reference
FM0198-3D

Course Duration/Credits
Three days/1.8 CEUs/18 PDHs

Course Description



This practical and highly-interactive course includes various practical sessions and exercises. Theory learnt will be applied using the "MS Excel" application.



This course is designed to provide participants with a detailed and up-to-date overview of Certificate in Project Finance Modelling. It covers the importance of project finance in environmental projects and stakeholder management strategies; the project finance structures, risk identification, assessment techniques and risk mitigation strategies; the legal and regulatory framework and the key components of a financial model; setting up financial model and identifying and sourcing input data; and forecasting project revenues, cost estimation, financing structure and funding requirements.



During this interactive course, participants will learn the cash flow analysis, building cash flow statements and project cash flows over the lifecycle; the types of debt, structure debt terms and conditions and debt service coverage ratios (DSCR); the equity financing, return metrics and financial ratios and metrics; the scenario and sensitivity analysis, valuation techniques and model audit and validation; the effective financial reporting, visualization techniques and effective communication; writing concise and informative executive summaries; highlighting key findings and recommendations; and ensuring alignment with stakeholder interests.

Course Objectives/Outcomes & Benefits for the Participants

Upon the successful completion of this course, each participant will be able to:-

- Apply and gain an in-depth knowledge on project finance modelling
- Discuss the importance of project finance in environmental projects and stakeholder management strategies
- Describe project finance structures and apply risk identification, assessment techniques and risk mitigation strategies
- Review legal and regulatory framework and identify the key components of a financial model
- Set-up financial model and apply identifying and sourcing input data
- Forecast project revenues, apply cost estimation and recognize financing structure and funding requirements
- Carryout cash flow analysis, build cash flow statements and analyze project cash flows over the lifecycle
- Recognize the types of debt, structure debt terms and conditions and discuss debt service coverage ratios (DSCR)
- Determine equity financing and return metrics as well as financial ratios and metrics
- Apply scenario and sensitivity analysis, valuation techniques and model audit and validation
- Implement effective financial reporting, visualization techniques and effective communication
- Write concise and informative executive summaries, highlight key findings and recommendations and ensure alignment with stakeholder interests

Exclusive Smart Training Kit - H-STK®



*Participants of this course will receive the exclusive "Haward Smart Training Kit" (**H-STK®**). The **H-STK®** consists of a comprehensive set of technical content which includes **electronic version** of the course materials conveniently saved in a **Tablet PC**.*

Who Should Attend

This course provides an overview of all significant aspects and considerations of project finance modelling for finance professionals, project managers and developers, infrastructure and real estate professionals, government and public sector employees, banking and financial institutions, legal and compliance professionals, academic and research professionals, other stakeholders in project finance and those who are involved or interested in the field of project finance and want to enhance their financial modelling skills.

Course Certificate(s)
Internationally recognized certificates will be issued to all participants of the course who completed a minimum of 80% of the total tuition hours.

Certificate Accreditations
Haward's certificates are accredited by the following international accreditation organizations:

- British Accreditation Council (BAC)

  Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. Haward's certificates are internationally recognized and accredited by the British Accreditation Council (BAC). BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

- The International Accreditors for Continuing Education and Training (IACET - USA)

  Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

  Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units** (CEUs) in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

  Haward Technology Middle East will award **1.8 CEUs** (Continuing Education Units) or **18 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.

Course Fee
US$ 3,750 per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:



Ms. Vana Tragka, PhD (on-going), MSc, BSc, is a **Senior Financial & Management Consultant** with extensive years of experience in the areas of **Project Finance**, **Risk Analysis & Mitigation**, **Financial Modelling**, Rev**enue Projections & Cost Estimation**, **Cash Flow** Analysis, **Debt & Equity Financing**, **Financial Audit & Reporting**, **Mathematics** for Computing, **Business Accounting**, **Algebra**, **Geometry & Advanced Mathematics**, **Project Reporting & Budget** Tracking, **Mathematics & Quantitative** Analysis, **Project Planning**, **Scheduling & Budget** Control, **AI/ML Forecasting**, **Applied Probability**, **Stochastic** Analysis, **Mathematical** Modelling, **Computational Methods**, **Financial** Derivatives, **Econometrics** and **Risk** Analysis. Further, she is also well-versed in **Power BI** for Business Intelligence & Dashboard Reporting, Information Systems & Business Applications, Data Analysis & Decision Support, **AI & Machine Learning**, **Information Systems**, **Computer Systems & Networks**, **Python**, **MATLAB** and **R** for Mathematical Modelling and Statistical Computation, **Excel & SAP** as well as **Softone ERP**; **ProjectLibre**, **GanttProject**, **Trello** and **Visual Paradigm**.

During her career life, Ms. Tragka has gained his practical and field experience through her various significant positions and dedication as the **Project Manager**, **Project Support Manager**, **Project Support Executive**, **Mathematics Instructor** and **Computing Business**, **Marketing & Economics Lecturer** from various companies such as the P.T. Technonet, Ergastiri Mathisis, Nea Smyrni Athens Attica and Metropolitan College.

Ms. Tragka is currently taking her **PhD** in **Artificial Intelligence** and **Explainable Models** for **Energy Forecasting** and **Sustainable FinTech Decision Optimization** from the **University** of **West Attica**, **Greece** and holds a **Master's degree** in **Financial Mathematics** from the **University** of **Liverpool**, **UK**; and a **Bachelor's degree** in **Mathematics** from the **National** and **Kapodistrian University** of **Athens**, **Greece**. Further, she is a **Certified Instructor/Trainer** and delivered numerous trainings, seminars, conferences and workshops internationally.

Accommodation

Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

Training Methodology

Our courses employ an interactive, learner-centred methodology that integrates theoretical knowledge with practical application. The training is delivered through a suitable combination of some or all of the following methods, selected according to the course content and learning objectives:

- Instructor-led presentations and facilitated discussions
- Practical workshops and participant presentations
- Hands-on exercises and real-world case studies
- Equipment demonstrations and technical drawings
- Hardware- and software-based simulations
- Gamification & Role Play in soft-skills courses only
- Virtual Reality (VR) and Augmented Reality (AR)
- Instructional videos and other relevant training resources

This blended approach encourages active participation, strengthens practical skills and supports the effective application of acquired knowledge in the workplace.

Learning Design & Customization

This course can be customized to the exact requirements of clients. Haward Technology is so proud of our huge capabilities in tailoring our courses to the training needs of our valued clients.

Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the course for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1: ***Monday, 28th of December 2026***

0730 – 0800	*Registration & Coffee*
0800 – 0815	*Welcome & Introduction*
0815 – 0830	***PRE-TEST***
0830 – 0900	***Introduction to Project Finance*** *Definition and Key Concepts • Differences Between Corporate and Project Finance • Importance of Project Finance in Environmental Projects*
0900 - 0930	***Key Stakeholders & Their Roles*** *Identifying Key Stakeholders (Sponsors, Lenders, Investors) • Understanding their Roles and Interests • Stakeholder Management Strategies*
0930 – 0945	*Break*
0945 – 1030	***Project Finance Structures*** *Common Structures and Financing Models • Special Purpose Vehicles (SPVs) • Debt vs. Equity Financing*
1030 – 1130	***Risk Analysis & Mitigation*** *Types of Risks in Project Finance (Construction, Operational, Market, Etc.) • Risk Identification and Assessment Techniques • Risk Mitigation Strategies*

1130 - 1200	***Legal & Regulatory Framework*** *Overview of Relevant Laws and Regulations • Environmental Impact Assessments • Compliance Requirements for Environmental Projects*
1200 - 1230	***Introduction to Financial Modelling*** *Purpose and Importance of Financial Models • Key Components of a Financial Model • Basic Principles and Best Practices*
1230 – 1245	*Break*
1245 – 1330	***Setting Up the Financial Model*** *Defining Model Objectives and Scope • Structuring the Model (Inputs, Calculations, Outputs) • Best Practices for Model Setup and Design*
1330 - 1420	***Input Data & Assumptions*** *Identifying and Sourcing Input Data • Making Realistic and Justified Assumptions • Sensitivity Analysis for Key Assumptions*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day One*

Day 2: ***Tuesday, 29th of December 2026***

0730 – 0830	***Revenue Projections*** *Forecasting Project Revenues • Understanding and Modeling Revenue Streams • Scenario Analysis for Different Revenue Projections*
0830 - 0930	***Cost Estimation*** *Identifying and Categorizing Costs (CAPEX, OPEX) • Techniques for Accurate Cost Estimation • Incorporating Cost Contingencies and Inflation*
0930 – 0945	*Break*
0945 – 1030	***Financing Structure & Funding Requirements*** *Determining the Optimal Financing Mix • Modeling Debt Schedules and Repayment Plans • Equity Financing and Return Calculations*
1030 – 1100	***Cash Flow Analysis*** *Building Cash Flow Statements • Analyzing Project Cash Flows Over the Lifecycle • Importance of Cash Flow in Project Viability*
1100 – 1130	***Debt Financing & Structuring*** *Types of Debt (Senior, Subordinated, Mezzanine) • Structuring Debt Terms and Conditions • Debt Service Coverage Ratios (DSCR)*
1130 - 1230	***Equity Financing & Return Metrics*** *Equity Investment and Return Expectations • Internal Rate of Return (IRR) and Net Present Value (NPV) • Equity Cash Flow and Dividend Modeling*

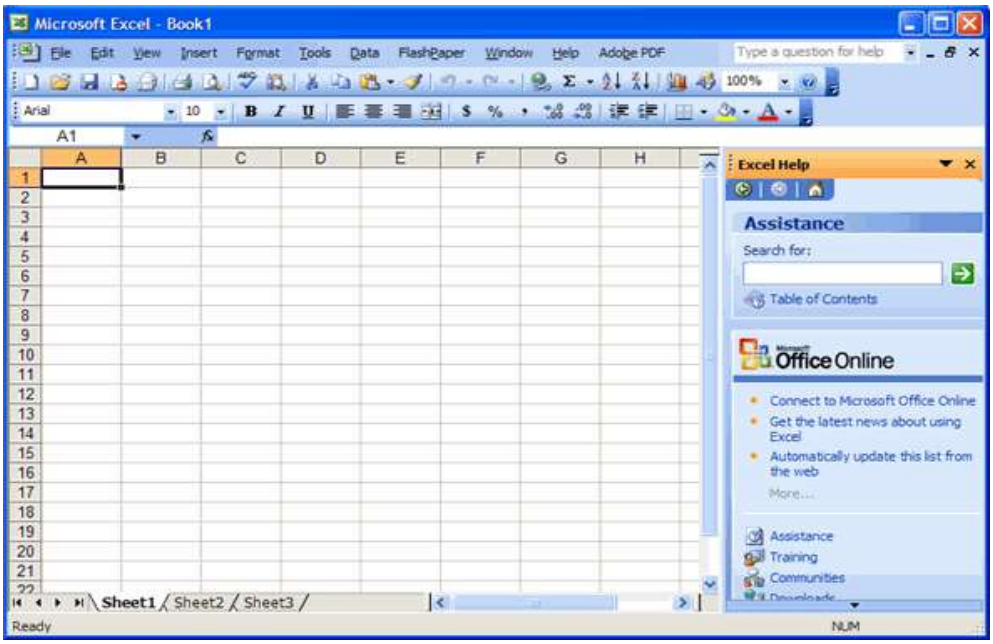
1230 – 1245	Break
1245 – 1330	***Financial Ratios & Metrics*** *Key Financial Ratios (Profitability, Liquidity, Solvency) • Interpreting and Using Financial Metrics in Decision-Making •Benchmarking Against Industry Standards*
1330 - 1420	***Scenario & Sensitivity Analysis*** *Techniques for Scenario Analysis • Conducting Sensitivity Analysis on Key Variables • Stress Testing the Financial Model*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Two*

Day 3: Wednesday, 30th of December 2026

0730 – 0830	***Valuation Techniques*** *Discounted Cash Flow (DCF) Analysis • Comparative Valuation Methods • Application of Valuation Techniques in Project Finance*
0830 - 0930	***Model Audit & Validation*** *Importance of Model Audit and Validation • Techniques for Auditing and Validating Financial Models • Ensuring Accuracy and Reliability*
0930 – 0945	*Break*
0945 – 1030	***Effective Financial Reporting*** *Principles of Effective Financial Reporting • Structuring and Formatting Financial Reports • Key Components of a Financial Report*
1030 - 1130	***Visualization Techniques*** *Data Visualization Best Practices • Creating Impactful Charts and Graphs • Using Visualization Tools (Excel, Tableau)*
1130 – 1200	***Communicating Financial Insights*** *Tailoring Communication to Different Audiences • Presenting Complex Financial Information Clearly • Techniques for Effective Storytelling with Data*
1200 - 1230	***Executive Summary Preparation*** *Writing Concise and Informative Executive Summaries • Highlighting Key Findings and Recommendations • Ensuring Alignment with Stakeholder Interests*
1230 - 1245	*Break*
1245 - 1345	***Case Studies & Real-World Applications*** *Analyzing Case Studies of Environmental Project Finance • Lessons Learned and Best Practices • Group Discussion and Analysis*
1345 - 1400	***Course Conclusion*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course*
1400 - 1415	***POST-TEST***
1415 – 1430	*Presentation of Course Certificates*
1430	*Lunch & End of Course*

Simulator (Hands-on Practical Sessions)

Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using "MS-Excel" application.



MS-Excel

Course Coordinator

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