

# **COURSE OVERVIEW FM0260 Finance for Project**

#### Course Title

Finance for Project

#### Course Date/Venue

December 16-20, 2024/Ajman Meeting Room, Grand Millennium Al Wahda Hotel, Abu Dhabi,

(30 PDHs)

Course Reference

FM0260

Course Duration/Credits

Five days/3.0 CEUs/30 PDHs



#### Course Description



This practical and highly-interactive course includes real-life case studies and exercises where participants will be engaged in a series of interactive small groups and workshops.



This course is designed to provide participants with a detailed and up-to-date overview of project financing. It covers the rationale for project financing; the project financing from direct financing; the authorities responsible in financing large projects and the sources of funds for large projects; the project viability; and the technical feasibility, economic viability, creditworthiness, risk and implications in project financing.



During this interactive course, participants will learn the purpose and design of security arrangements and direct security interest in project facilities; the requirements and guidelines in structuring the project; the preparation of project financing plan; the process of discounted cash flow analysis, financial modeling and project evaluation; the real options analysis and the sources of project funds; the elements in managing project risks; the issues for the host government; the benefits of potential project financing and its future applications; and the project finance and practical solutions applicable in the organization.





















# **Course Objectives**

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

- Apply and gain an in-depth knowledge on project financing and review its requirements and appropriateness
- Discuss the rationale for project financing as well as its advantages and disadvantages and compare project financing from direct financing
- Identify what is special about large projects and distinguish how large are "large" projects
- Determine the authorities responsible in financing large projects and the sources of funds for large projects
- Analyze project viability by being aware of its technical feasibility, economic viability, creditworthiness and risk and emphasize its implications in project financing
- Explain the purpose and design of security arrangements as well as its direct security interest in project facilities
- Discuss the requirements and guidelines in structuring the project and prepare the project financing plan
- Review and improve the process of discounted cash flow analysis and carryout financial modeling and project evaluation
- Evaluate a project using real options analysis and identify the sources of project funds
- Determine the elements in managing project risks and emphasize the issues for the host government
- Recognize the benefits of project financing and its potential future applications
- Present case studies and examples of project finance and suggest practical solutions applicable in the organization

# 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, sample video clips of the instructor's actual lectures & practical sessions during the course conveniently saved in a Tablet PC.

#### Who Should Attend

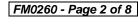
This course provides an overview of all significant aspects and considerations of project finance for finance directors, finance controllers, senior management accountants and other finance people who have been entrusted with the responsibility of managing the finances of the organizations. Further, this course is applicable to project managers, project engineers, supervisors and project team members, bank managers, credit, sales & business associates, general managers, technical managers, engineering managers, planning managers and department managers.















# 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**

Certificates are accredited by the following international accreditation organizations: -



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 3.0 CEUs (Continuing Education Units) or 30 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.



# **British Accreditation Council (BAC)**

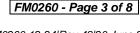
Haward Technology is accredited by the British Accreditation Council for Independent Further and Higher Education as an International Centre. BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited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













# 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:



Dr. Ahmed Hayek, PhD, MSc, BSc, CFA, CIA is a Senior Finance & Banking Consultant with extensive years of experience in the areas of Governmental & Budget Accounting, Fixed Assets Accounting, Budget Estimation, Financial Statement Analysis, Tax Accounting, Advance Cost Accounting, Accounting Information System, Managerial Accounting, Cost Accounting, Advanced **Financial** 

Accounting, Governmental and Non for Profit Accounting, Specialized Financial Accounting, Forecasting & Cost, Accounting for Financial Entities, Financial Planning Control & Performance Measurement; Budgeting & Costing for Decision Making, Strategic Cost Accounting, Strategic Cost & Managerial Accounting, Financial Planning, Financial Management, Project Risk Management Concepts, Budgeting & Cost Control, Invoice Processing & Management, Fund Management, Budgeting & Cost Control, Project Accounting, Inventory Management & Forecasting Techniques, Stock Control, Advanced Budgeting & Forecasting, Budgeting Best Practices, Budgetary Controls, Communications Management; Interpersonal, Teamwork & Team Management, Materials Inventory Management, Effective Purchasing Skills, Procurement Strategies, Procurement & Purchasing Management, Contract & Risk Management, Managing Tenders & Specifications, Tendering & Bidding Evaluation, Supply Chain Management, Risk Based Audit, Accounting Principles, Islamic Auditing, Accounting Applications Using a Computer, Intermediate Accounting and Auditing. He is currently the Assistant Professor wherein he is providing guidance and supervision to graduate students, participating in departmental meetings, and providing academic support to Professors and other faculty members.

During his career life, Dr. Ahmed has gained his practical and field experience through his various significant positions and dedication as **Accounting Department Head**, **Business Department Dean**, **Assistant Professor**, **Associate Professor**, **Internal Auditor**, **External Senior Auditor**, **Program Coordinator**, **Teller** and **Senior Instructor/Trainer** from various companies such as the Higher Colleges of Technology, American University in the Emirates, Jarash Private University, Telecommunications Regulatory Commission, PWC and Cairo Amman Bank and Al Balqa Applied University.

Dr. Ahmed has **PhD**, **Master's** and **Bachelor's** degree in **Accounting**. Further, he is a **Certified Instructor/Trainer**, a Certified Internal Auditor (**CIA**), a Certified Financial Accountant (**CFA**) and has published various scientific papers, received numerous awards and delivered trainings, courses, workshops and conferences worldwide.

#### **Course Fee**

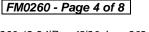
**US\$ 5,500** per Delegate + **VAT**. This rate includes H-STK<sup>®</sup> (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.















# **Training Methodology**

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

30% Lectures

20% Practical Workshops & Work Presentations

30% Hands-on Practical Exercises & Case Studies

20% Simulators (Hardware & Software) & Videos

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.

### **Accommodation**

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

# **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, 16th of December 2024

Day I.	monday, 10 of December 2024
0730 - 0800	Registration & Coffee
0800 - 0815	Welcome & Introduction
0815 - 0830	PRE-TEST
0830 – 0915	What is Project Financing?
	What is Project Financing? • A Historical Perspective • Requirements for
	Project Financing • Appropriateness of Project Financing • An Example
0915 - 0930	Break
	The Rationale for Project Financing
	Prior Studies' Explanations • The Need for Contracts • The Advantages of
0930 - 1030	Separate Incorporation • Countering the Underinvestment Problem •
	Reallocating Free Cash Flow • Reducing Asymmetric Information &
	Signaling Costs
	The Rationale for Project Financing (cont'd)
	More Efficient Structuring of Debt Contracts • More Effective Corporate
1030 - 1230	Organization & Management Compensation • Project Financing Versus
	Direct Financing • Advantages of Project Financing • Disadvantages of
	Project Financing
1230 - 1245	Break
	What is Special about Large Projects?
1245 - 1420	How Large are "Large" Projects? • Length of Project Contracts • Initial
1245 - 1420	Project Capital Structure • Why Studying Project Finance is Useful • Why
	Study How Large Projects are Financed?
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



















Tuesday 17th of December 2024

Day 2:	Tuesday, 17" of December 2024
0730 - 0900	Who Finances Large Projects?
	Sources of Funds for Large Projects • Project Bonds' Default Risk • Lead
	Arrangers, Managing Underwriters and Advisors
0900 - 0915	Break
0915 – 1100	Analyzing Project Viability
	Technical Feasibility • Economic Viability • Creditworthiness •
	Conclusion as to Viability • Assessing Project Risks • Completing Risk •
	Technological Risk • Raw Material Supply Risk
	Analyzing Project Viability (cont'd)
1100 - 1230	Economic Risk • Financial Risk • Currency Risk • Political Risk •
1100 - 1230	Environmental Risk • Force Majeure Risk • Implications for Project
	Financing • The Cogeneration Project
1230 – 1245	Break
	Designing Security Arrangements
	Purpose of Security Arrangements • Direct Security Interest in Project
1245 - 1420	Facilities • Security Arrangements Covering Completion • Security
1243 - 1420	Arrangements Covering Debt Service • Types of Purchase & Sale Contracts
	• Raw Material Supply Arrangements • Supplemental Credit Support •
	Insurance • The Cogeneration Project
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 18th of December 2024

Day 3:	wednesday, 18" of December 2024
0730 – 0900	Structuring the Project
	Undivided Joint Interest ● Corporation ● Partnership ● Limited Liability
	Company • The Cogeneration Project
0900 - 0915	Break
0915 – 1100	Preparing the Project Financing Plan
	General Considerations • Construction Financing • Long-Term Financing
	• Withholding Tax Considerations • Estimating the Borrowing Capacity of
	a Project
1100 – 1230	Preparing the Project Financing Plan (cont'd)
	Loan Repayment Parameters • Borrowing Capacity, Assuming Full
	Drawdown Immediately Prior to Project Completion • Borrowing Capacity,
	Assuming Periodic Loan Drawdowns • Application to a Hypothetical High-
	Speed Rail Project • Annual Coverage Tests
1230 - 1245	Break
	Discounted Cash Flow Analysis
1245 - 1420	Incremental After-Tax Cash Flows • The Hurdle Rate • Estimating the
	Cost of Capital for a Project • Net Present Value Analysis • Internal Rate
	of Return Analysis • Comparing IRR & NPV Analyses
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 Three



















Day 4: Thursday, 19th of December 2024

<u> Бау т.</u>	marsday, 15 or December 2024
0730 - 0900	Financial Modeling & Project Evaluation
	Preparing Cash Flow Projections • Preparing Projected Financial
	Statements • Evaluating a Project's Debt Capacity
0900 - 0915	Break
0915 - 1100	Financial Modeling & Project Evaluation (cont'd)
	Measuring Expected Rates of Return • Sensitivity Analysis
1100 - 1230	Using Real-Options Analysis to Evaluate a Project
	Description of the Oil Field Project • Project's Real Options • Evaluating
	the Project • Traditional DCF Analysis • Sensitivity of Option Value to
	Oil Price Volatility & to Reserve Dispersion
1230 - 1245	Break
1245 - 1420	Sources of Project Funds
	Equity • Long-Term Debt Market • Commercial Bank Loans • Fixed-
	Rate Debt Market • International Capital Market • Supplier Credits •
	Governmental Assistance • World Bank Loans • Inter-American
	Development Bank ● Local Sources of Capital
	Recap
1420 - 1430	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 Four

Day 5: Friday, 20<sup>th</sup> of December 2024

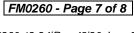
Day 5.	Friday, 20 of December 2024
0730 – 0900	Managing Project Risks Interest-Rate Swaps ● Credit Default Swaps ● Options ● Forwards & Futures ● Hedging ● Hedging with Options ● Hedging Foreign
	Exchange Risk
0900 - 0915	Break
0915 – 1100	Issues for the Host Government  Contribution to the Host Jurisdiction's Economic Development ● Host Jurisdiction's Expected Economic Return ● Impact on the Availability of Hard Currency ● Exposure of the Host Government to the Project's Obligation to Repay Project Debt ● Desirability of Precedents
1100 – 1230	Issues for the Host Government (cont'd) Hibernia Oil Field Project ● Public-Private Infrastructure Partnerships ● Public-Private Financing Structures ● Legislative Provisions that can Affect Public-Private Partnerships
1230 - 1245	Break
1245 – 1400	Conclusions Reaping the Benefits of Project Financing ● Recognizing When Project Financing can be Beneficial ● Potential Future Applications of Project Financing ● Organizational (Re)form ● Financial Engineering
1400 - 1415	POST-TEST
1415 – 1430	Presentation of Course Certificates
1430	Lunch & End of Course



















<u>Practical Sessions</u>
This practical and highly-interactive course includes real-life case studies and exercises:-



# **Course Coordinator**

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