



UNIVERSITY of GUYANA
Institute for Energy Diplomacy

EXECUTIVE COURSE IN ENERGY TRANSPORTATION AND SHIPPING

Course Codes: IED5003 and IED5003E

August 2021

GENERAL DESCRIPTION

This executive course provides fundamental knowledge of energy transportation and the tanker shipping market. The main aim is to provide participants with the skills and tools required to understand broader terms, concepts and issues in the oil and gas shipping sector in Guyana. The module consists of six topics with an introduction of energy transportation, the world tanker market and operations, shipping contracts and freight market economics and international regulations in shipping.

The Executive Course is an integral part in facilitating the Institute's mission to inform and enrich the understanding, policies and performance of Guyana's energy market by pursuing excellence in its advanced multi-disciplinary training on areas of energy.

COURSE BY: Amir Alizadeh-Masoodian, Professor of Shipping Economics and Finance, City, University of London

Dr Amir Alizadeh, Professor of Shipping Economics and Finance, lectures in Shipping Investment and Finance, Oil and Energy Transportation and Logistics, and Energy Project Investment and Finance, among others, at City, University of London. He has served as an adviser and consultant to A P Moller Maersk, Baltic Exchange, Barclays Capital, Standard Chartered Bank, among others.



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LEARNING OUTCOMES

Upon completion, participants will be able to:

- Understand the energy transportation system and tanker operations
- Comprehend and analyse tanker freight formation and behaviour
- Understand the oil and tanker chartering process
- Learn important international regulation in maritime transport
- Use this analysis to assess the future developments in the energy business

COURSE CONTENT

Remote live lectures via Zoom with additional material available on Moodle

Overview of the Energy Trade and Transportation

The Four Shipping Markets: Freight Market, Second-hand Market, New Building Market, Demolition Market

Tanker Chartering

International Maritime Regulation

ENTRY REQUIREMENTS

Participants are expected to have an undergraduate degree or at least 5 years' experience in a related field.

CERTIFICATE TYPE

Assessment-Based Certificate: 4 Postgraduate Credits

The assessment-based certificate in Energy Transportation and Shipping represents 40 learning hours.

Instructor Contact Hours: 14

Self-Directed Study Hours: 21

Tier- 1 Self-Directed Study (slides, notes and required reading): 18

Tier-2 Self-Directed Study (recommended videos and additional reading): 3

Forum Engagement Hours: 2

Exam Preparation (Quiz) Hours: 1

Exam Hours: 2



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Duration

The course will be 2 weeks in length. It will be delivered on the Friday and Saturday of Week 1 and Sunday, Monday and Thursday of Week 2. The 100% weighted 2-hour final exam will be administered on Saturday of Week 2.

Evaluation and Grading Scheme

Participants to the exam option will be evaluated by a 100% weighted 2-hour final exam administered via Moodle. Participants will be eligible for an assessment-based Executive Course Certificate in Energy Transportation and Shipping if they score 45% or more based on the grading scheme below:

A =	75% - 100%
B =	65% to 74%
C =	55% to 64%
D =	45% to 54%
F =	Less than 45%

Certificate of Participation

Participants to the no exam option will be eligible for an Executive Certificate of Participation in Energy Transportation and Shipping.

Duration

The course will be 2 weeks in length. It will be delivered on the Friday and Saturday of Week 1 and Sunday, Monday and Thursday of Week 2.

RECOMMENDED READING LIST

- Lecture notes, papers, and cases
- Stopford, M. (2009) Maritime Economics. Routledge
- Institute of Chartered Shipbrokers (2011) Tanker Chartering. Witherby Shipping Business
- Tusiani, M. (1996) The Petroleum Shipping Industry: Operation and Practices. Volume II. PennWell Books