

# Project Procurement and Supply Chain

**Prepared by Dr. Tarek Mohamed**

**PMG 433**

**Orientation Show**



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# Course Agenda

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- 1-Introduction about the professor of the course.
  - 2-Introduction to the course.
  - 3-Primary goal of this course.
  - 4-Learning outcomes.
  - 5-Learning resources.
  - 6-Units of course contents.

## Dr. Tarek Mohamed

- Adjunct Professor at Post-Graduate Studies and Research Department - Faculty of Commerce -Cairo University
- Doctorate degree in Business Administration- (Major Supply Chain)-Cairo University.
- Master degree in Business Administration- Arab Academy for Science & Technology and Maritime Transport .
- Executive Management Diploma- The American University in Cairo.
- Supply chain consultant & certified trainer in manufacturing and service fields.

## ☐ **How to reach me ?**

- **By Email : tarek.mohamed @ midocean.edu.km**
- **Pls include“ Project Procurement and Supply Chain ” in the subject line.**
- **Via Moodle messages.**

## ☐ **Online Meeting.**

- **Discussion time on Sunday (7.00-8.00 PM ) Every Week.**

## Primary Goal of this Course

- ☐ To outline the key features of project procurement and supply chain management.
- ☐ To understand the role of supply chain in project management.
- ☐ To understand how procurement adds value in project management.
- ☐ To identify the process overview and emerging project management techniques.
- ☐ To examine various success factors and how these impact on the procurement activity.
- ☐ To examine the issues project-planning chain and project-delivery chain.
- ☐ To appreciate the importance of procurement within project control.
- ☐ To examine the issues involved in contract & tendering management.
- ☐ To consider the various project changes including sources, impacts, mitigation, pricing, litigation, and excellence.

# Learning Outcomes

**At the end of the course, the students will be able to :**

- Evaluate the role of supply-chain management in PM and identify the impact of tangible and intangible components of supply chains on the project's management and processes.
- Given a specific project context and plan, construct a procurement management plan to ensure the effective integration of supply-chain components throughout the project life cycle.
- Construct a procurement management plan that reflects the project's procurement needs.
- Analyze different types of contracts and the risks associated with each type of contract and determine contract incentives.

**Credit Hours: 3 Credit Hours.**

➤ **Required Textbook :**

The Wiley Guide to Project Technology, Supply Chain, and Procurement Management by Peter Morris and Jeffrey K. Pinto.

➤ **Essential References :**

The main material and reference for each course will be the textbook mentioned in the course specifications, lecture notes and slides are additional resources that are prepared by the professor.

# Units of Course Contents

| <b>Course Unit</b>                                                                                     | <b>No.of. Weeks</b> | <b>Contact Hours</b> |
|--------------------------------------------------------------------------------------------------------|---------------------|----------------------|
| <b>Lecture 1- Introduction to supply chain management.</b>                                             | <b>1st</b>          | <b>3</b>             |
| <b>Lecture 2- Understanding the role of supply chain in project management.</b>                        | <b>2nd</b>          | <b>3</b>             |
| <b>Lecture 3- Plan, execute, and control of supply-chain projects.</b>                                 | <b>3rd</b>          | <b>3</b>             |
| <b>Lecture 4- The project-planning chain and project-delivery chain.</b>                               | <b>4th</b>          | <b>3</b>             |
| <b>Lecture 5- Foundational knowledge of procurement in projects.</b>                                   | <b>5th</b>          | <b>3</b>             |
| <b>Lecture 6- Procurement: Process overview and emerging project management techniques.</b>            | <b>6th</b>          | <b>3</b>             |
| <b>Lecture 7- Procurement systems in projects.</b>                                                     | <b>7th</b>          | <b>3</b>             |
| <b>Lecture 8 -Tender management in projects.</b>                                                       | <b>8th</b>          | <b>3</b>             |
| <b>Lecture 9 - Contract management in projects.</b>                                                    | <b>9th</b>          | <b>3</b>             |
| <b>Lecture 10 -Project changes: Sources, Impacts, Mitigation, Pricing, Litigation, and Excellence.</b> | <b>10th</b>         | <b>3</b>             |



Thank You