# Briefing For

# LI5001 Research Project

By

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A Collaboration Between

Georgia Institute of Technology

NUS National University of Singapore

AFSCA The Asian Freight & Supply Chain Awards

Winner for Best Educational Course Provider 2003-2013

# LI5001 SCM Research Project

- LI5001 Supply Chain Management Research Project is a **core** module required for graduation for all M.Sc. (SCM) students

# Purpose

- To allow M.Sc. (SCM) students to gain exposure to the logistics and supply chain industry and also experience the application of relevant knowledge to solve real practical problems in logistics and supply chain management

The Logistics Institute Asia Pacific

# Establishing the Industrial Research Project

- Form a **team** of three (3) members
- Source for a project *(more details later)*
- TLI-AP, in consultation with Joint Academic Committee, will assign a supervising professor from Departments of Industrial & System Engineering or Decision Sciences.
- Complete and submit the Project Proposal and Agreement Form (Annex A) to TLI-AP by the deadline (more details later)

# Role of NUS Supervisor

- ***Advise*** students in defining the scope and deliverables of the Research Project
- ***Guide*** students through the following stages:
  - Literature review (if necessary)
  - Data collection & analysis
  - Modeling and solution generation
  - Writing of the Final Project Report
  - Preparation of the Poster Presentation
- ***Assess*** the performance of students under his/her supervision:
  - Mid-term progress report
  - Final project report
  - Poster presentation

# Role of Company Coordinator / Mentor

- Assist students in identifying a suitable company project, defining the objectives and scope of the study, and setting activity milestones;
- Serve as resource person from the company to students and keep track that milestones are achieved on time; and
- Interact with the NUS Supervisor on matters relating to the project and report pertinent issues (such as, work attitude and performance, keeping to schedule, etc.)

# Project Proposal and Agreement Form

- Refer to Annex A
- Make sure that you are very clear on the objectives, scope and deliverables of the Research Project
- Discuss extensively with both NUS Supervisor and Company Coordinator/Mentor
- Note that assessment will be based on this proposal
- If there is a need to amend due to unforeseen circumstances, please submit amendments soonest possible to TLI-AP, with endorsement by both NUS supervisor and Company Coordinator/Mentor

# Assessment

- **Mid-term Progress Report (20%)**
  - **by NUS Supervisor**

- **Final Project Report and Poster Presentation (80%)**
  - **by NUS Supervisor & Examiner assigned by TLI-AP**

# Assessment of Group Projects

- Based on the following components:
  - Individual Statement of Contributions
  - Peer Appraisal (to be submitted by each member)
  - Mid-Term and Final Reports (by team)
  - Poster Presentation (by team)
  - Oral Examination (individually at poster session)

# Sourcing for Industry Projects

- Two Options:
  - **Option 1**: Generated by students
    - ➢ May allow completion over 2 semesters
  - **Option 2**: Sourced by TLI-AP
    - ➢ Must be completed in 1 semester (~4 months)
    - ➢ Workload consideration for part-time students:
      - To graduate in 4 semesters (subject to CAP condition), student MUST take 3 modules in 3rd semester and complete the project in 4th semester
      - To graduate in 5 semesters, student should complete the project in 5th semester

# Project Request Form & Registering for LI5001

- All M.Sc.(SCM) students who wish to have a project sourced by TLI-AP **must** submit a Project Request Form to TLI-AP at least **three (3) months** before the start of the semester that they intend to register for LI5001 *(e.g., to register for LI5001 in Semester 1, 2016/2017, the Project Request must be submitted by **2 May 2016** and for Semester 2, 2016/2017, the Project Request must be submitted by **1 Oct 2016**.)*

- Upon approval of the Project Proposal (to be submitted **at least 1 week** before start of Module Registration, TLI-AP will then coordinate with M.Sc.(SCM) Programme Office to register students for LI5001 at the start of the semester.