

Course Syllabus
EGLS 504 Seminar in Modern Logistics and Supply Chain Topics
Semester 1 Academic Year 2018

Course ID and name: EGLS 504 Seminar in Modern Logistics and Supply Chain Topics

Course coordinator: Asst.Prof. Dr. Assadej Vanichchinchai

Instructors: Academic Staffs

Credits: 3(3-0-6)

Curriculum: Master of Engineering Program in Logistics and Supply Chain (Special Program)

Semester offering: First semester

Prerequisite: None

Course Description:

Modern topics in logistics and supply chain; Logistics and supply chain in other dimensions; Viewpoints, opportunities and obstacles in integration of logistics and supply chain into other disciplines; Application of logistics and supply chain in business sector at international level

Course Learning Outcomes (CLOs)

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

1. create academic work with integrity in Seminar in Modern Logistics and Supply Chain Topics.
2. efficiently apply seminar in modern logistics and supply chain topics principles of inventory, warehouse, and transportation and distribution management
3. apply knowledge of seminar in modern logistics and supply chain topics in industry and service improvement
4. systemically analyze problems and propose solutions in seminar in modern logistics and supply chain topics via research methodology
5. work as a team with other disciplines related to seminar in modern logistics and supply chain topics
6. communicate and select suitable method for presentation in seminar in modern logistics and supply chain topics.

Constructive Alignment of CLO s and Program s ELO s

CLOs	ELO 1	ELO 2	ELO 3	ELO 4	ELO 5	ELO 6
1	I, R					
2		R				
3			R			
4				R		
5					R, P	
6						R, P

I = ELO is introduced & assessed

R = ELO is reinforced & assessed

P = ELO is practiced & assessed

M = Level of Mastery is assessed

Course Schedule:

No.	Topic	Teaching & Learning Strategy	Assessment	Instructor
1	Workshop 1 : Integration of modern logistics and supply chains	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai
2	Workshop 2 : Integration of modern logistics and supply chains	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai
3	Discuss the integration of supply chain management with accounting and finance.	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai

4	Discuss the integration of purchasing	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai
5	Discuss the integration of production planning and control.	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai
6	Discuss the supply chain integration with sales and marketing.	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai
7	Discussion of supply chain performance measurement	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai
8	Case studies of modern logistics and supply chain applications in the industrial	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai
9	Discuss the role of management practices with modern supply chain management.	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai
10	Discuss research on logistics and supply chain management.	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai
11	Group work presentation 1	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai
12	Project management, logistics and supply chain development	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai
13	Guest Speaker	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai
14	Group work presentation 2	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai
15	Guest Speaker	Lecture, Case Study, Discussion	Q&A, feedback	Asst.Prof. Dr. Assadej Vanichchinchai

Assessment Criteria

Class participation	10%
Individual work	20%
Group work	20%
Final examination	50%

Appeal Procedure

Should the students have any appeal regarding the assessments or grade, inquiry can be made to the instructors and/or the course coordinator immediately either by direct contact, telephone or email.

Study Material

Chase, R. B., Jacobs, F. R. and Aquilano, N. J. (2006, Operations management: for competitive advantage with Global Cases, edition 11, McGraw-Hill. Irwin

Jacobs, F.R. and Chase, R.B. (2011, Operations and supply chain management, global edition. McGraw-Hill.

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Russel, R.S. and Taylor III, B.W. (2014, Operations and supply chain management, 8th edition, John Wiley & Sons, Singapore

Simchi-Levi, D., Kaminsky, P. and Simchi-Levi, E. (2009, "Designing and managing the supply chain: Concepts, strategies, and case studies", 3rd. edition, McGraw-Hill, Singapore