

Name : Supply Chain Management and Logistics					
module/course code	Student workload	Credits (ECTS)	Semester	Frequency	Duration
IAB82016	510 (minutes/week)	4.53 ECTS	2	Even	1x per semester
	Types of courses : Face to face Independent Study Structured Tasks	Contact hours : 150 minutes/week		Independent study 360 minutes / week	Class size X students 15 students
1	Prerequisites for participation : ---				
2	Learning outcomes : 1. CPMK1: Mastering and applying supply chain process improvement methods using sig sigma and lean (S5, S7, KU5, KK1.2, KK2.6, PP1, PP2) 2. CPMK4: Able to identify and evaluate supply chain costs and performance to realize competitive advantage (KU2, KK3.2) 3. CPMK6: Improve skills and expertise to match demand and supply, create a responsive and sustainable supply chain (S5, S7, KU5, KK3.2, PP1, PP2) 4. CPMK7: Able to analyze and evaluate empirical research in the field of supply chain management and logistics (KU2, PP4)				
3	Description : This course covers the main topics related to logistics, supply chain, and competitive strategy; measuring logistics costs and performance; match supply and demand; creating a responsive supply chain; synchronous supply chain; project management; planning process; capacity and scheduling; supply chain planning and analysis; supply chain management; monitor and control processes; process improvement: six sigma & lean; manage risks in the supply chain and create a sustainable supply chain.				
4	Subject aims/Content : 1. Logistics, supply chain and competitive strategy 2. Measuring logistics costs and performance 3. Matching supply and demand 4. Creating a responsive supply chain 5. Synchronous supply chain 6. Project management 7. Planning Process 8. Capacity and Scheduling 9. Supply Chain Planning and Analysis 10. Supply Chain Management 11. Monitoring and Controlling Process 12. Process Improvement: Six Sigma & Lean 13. Managing risk in the supply chain				

	14. Creating a sustainable supply chain
5	Teaching methods: Lectures are held face-to-face by lecturers for (150 minutes) x 14 meetings
6	Assessment methods: Group presentation 20% Individual contribution 10% MID-TERM EXAM 30% FINAL-TERM EXAM 40%
7	Other information eg bibliographical references : 1. Main: a. Meredith, JR, Shaffer, SM (2016), Operations and Supply Chain Management for MBAs, 6th ed, Wiley: USA. b. Christopher, M, (2011), Logistics & Supply Chain Management, 4th ed, Pearson: UK 2. Supporter a. Rusthon, A., Croucher, P., Baker, P. (2014). The Handbook of Logistics and Distribution Management, 5th ed, Kogan Page: London b. Crandall, Richard E., Crandall, William R., Chen, Charli C. (Principles of Supply Chain Management, 2th ed., CRC Press, Taylor & Francis Group: USA. c. Deep, K., Jain, M., Salhi, S. (2019). Logistics, Supply Chain and Financial Predictive Analytics: Theory and Practices, Springer: Singapore