

Distribution and Logistics Services (DOLS 2018)

35C00100 (6 cr)

Lectures: Tuesday and Thursday 13-15 OTANIEMI R001U270

Teachers: Anu Bask and Markku Tinnilä
Course assistant: Tri Tran (tri.tran@aalto.fi)

Deadline for learning summaries are in the beginning of the next lecture.

Deadline for case study essay is Wed, 7.2 by 16.00 o'clock via email to course assistant, Bask and Tinnilä.
 Be prepared to present your case in last lecture Thu 8.2.

Date	Theme	Lecturer(s)	Readings, deadlines, etc
2.1 Tu	No Lecture		
4.1 Thu	Introduction to course Introduction to global logistics	Bask & Tinnilä	Readings: Course book, Chapters 1-2. Mandatory participation: Student groups for team works are formed.
9.1. Tu	Modes of transportation	Tinnilä	Readings: Course book, Ch. 23-29.
11.1 Thu	Road transport market, sustainability and digitalization Choosing transportation and logistics services	Mika-Matti Rapo, Finnish Transport and Logistics (SKAL) & Bask	Readings: Course book, Ch. 23, 34-35. Article Rogers <i>et al.</i> (2013) IKEA Case delivery at lecture (printed copies) and instructions
16.1 Tu	Distribution structures and networks & strategies	Tinnilä	Readings: Course book, Ch. 2, 4, 6-9, 16-22. Deadline: Learning summary of lecture SKAL
18.1 Thu	Railway logistics: connecting rail, road and port operations. Dry port concept	Ilkka Anttila & Juha Nieminen, VR Transpoint & Bask	
23.1 Tu	Warehousing Logistics and digitalization	Tinnilä	Readings: Course book, Ch.16-22. Readings: Course book, Ch. 11. Article Colla and Lapoule (2012) Deadline: Learning summary of lecture VR Transpoint
25.1 Thu	Offering wide range of services - Case Posti	Jyri Männikkö, Posti Group & Bask	Readings: Article Wallenburg (2009)
30.1 Tu	Trends in automotive logistics - Case SE Mäkinen. Development of services	Aapo Mäkinen, SE Mäkinen & Bask	Readings: Article Rajahonka and Bask (2016) Deadline: Learning summary of lecture Posti
1.2 Thu	Logistics challenges, International trade documents	Bask	Readings: Course book, Ch. 5. Article Christopher and Holweg (2011) EU White Paper 2011 Deadline: Learning summary of lecture SE Mäkinen
6.2 Tu	Outsourcing logistics services & warehousing – case Alko	Tuomas Kokkonen, Alko Oy & Tinnilä	Reading: Article Vitasek <i>et al.</i> (2013)
7.2 Wed	Due date of case essay IKEA		IMPORTANT: Deadline of case study essay IKEA. Wed, 8.2 by 16.00 o'clock <u>via email</u> to course assistant, Bask and Tinnilä
8.2. Thu	Essay presentations Course wrap-up	Bask & Tinnilä	Students' IKEA case presentations. Deadline: Learning summary of lecture Alko

Important information:

Assignments and exam (both are mandatory):

- Assignments cover 50% of the course grade and are executed as group works (4-5 students per group). There are several visitors on the course, and student groups have to write two learning summaries of visitor lectures (10% x 2 = 20%). Ikea case report is covers 30%.
- Final exam (50%)

Readings for the course

1. **Literature:** Rushton, Alan, Croucher, Phil and Baker, Peter; "The Handbook of Logistics and Distribution Management" (2014). Both the hardback edition (2014) or ebook edition (2014) are acceptable.
2. **Lecture materials, articles, and visitor lectures** – mostly managerial

Articles

1. Christopher, M. and Holweg, M. (2011), "Supply Chain 2.0": managing supply chains in the era of turbulence", *International Journal of Physical Distribution & Logistics Management*, Vol. 41 No. 1, pp. 63-82.
 2. Colla, E. and Lapoule, P. (2012), "E-commerce: exploring the critical success factors", *International Journal of Retail & Distribution Management*, Vol. 40 No. 11, pp. 842-864.
 3. EU White Paper (2011). Roadmap to a Single European Transport Area – Towards a competitive and resource efficient transport system Link <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52011DC0144&from=EN>
 4. Rajahonka, M. and Bask A. (2016). "The development of outbound logistics services in the automotive industry – a service provider's view", *International Journal of Logistics Management*, Vol. 27, issue 3, pp. 707 – 737.
 5. Rogers, D. S., Lembke, R. and Bernardino, J. (2013), "Reverse logistics: A New Core Competency", *Supply Chain Management Review*, May/June 2013, pp. 40-47.
 6. Vitasek, K., Moore, P., and Bonnie, K. (2013), "Five steps to improving your 3PL relationships", *Supply Chain Management Review*, July/August 2013, pp. 59-64.
 7. Wallenburg, C.M. (2009), "Innovation in logistics outsourcing relationships: proactive improvement by logistics service providers as a driver of customer loyalty", *Journal of Supply Chain Management*, Vol. 45, Nr. 2, pp. 75-93.
3. **Ikea case report:** The case is distributed on Thursday 11.1.2018. Please find below additional material to read and help for your group in solving the case.

Andersen, M. and Skjoett-Larsen, T. (2009), "Corporate social responsibility in global supply chains", *Supply Chain Management: An International Journal*, Vol. 14 Iss 2 pp. 75 - 86

Hultman, J., Johnsen, T., Johnsen, R. and Hertz, S. (2012), "An interaction approach to global sourcing: A case study of IKEA", *Journal of Purchasing & Supply Management*, Vol. 18., pp. 9-21.

Swedberg, C. (2013), "RFID Helps IKEA furniture maker eliminate shipping errors", *RFID journal*

<https://en.wikipedia.org/wiki/IKEA>

http://www.ikea.com/ms/en_AU/about_ikea/the_ikea_way/history/

DISTRIBUTION AND LOGISTICS SERVICES

35C00100 (6 cr)

SYLLABUS

Instructor's contact information	Course information
Anu Bask anu.bask@aalto.fi , Chydenia, 5th floor. Markku Tinnilä Markku.tinnila@aalto.fi , Chydenia H5.29.	Part of the Bachelor's programme in Business Technology; common programme studies 2018 – third period Otaniemi R001U270 Course www page available in Mycourses

Course assistant: Tri Tran (tri.tran@aalto.fi)

1. OVERVIEW

The objective of the course is to develop understanding in global and domestic logistics systems by addressing of logistics services and transportation in sustainable economy. Various logistics services, modal choices and distribution structures solutions are discussed and evaluated. For example, such as intermodalism, overnight deliveries, time-based distribution and green logistics are discussed. Other topics include transportation telematics, cost structures, information systems, and international trade documents.

2. PREREQUISITES

No prerequisites for the course (Knowledge of course 35A00200 Tuotantotalouden perusteet or equivalent supports this course)

3. LEARNING OUTCOMES

The course takes a managerial approach to distribution systems and logistics services used in international operations. The objective is to learn to think strategically about the distribution of goods and services as a part of corporate operations.

4. ASSESSMENT AND GRADING

a) Obligatory case and other assignments (50%). b. Exam (50%)

5. ASSIGNMENTS

The course includes learning summaries and a case as group work forming 50% of the grade

6. READINGS

1. Literature: Rushton, Alan, Croucher, Phil and Baker, Peter; "The Handbook of Logistics and Distribution Management" (2014). Both the hardback edition (2014) or ebook edition (2014) are acceptable.
2. Lecture material, articles and visitor lectures. Information will be provided in the course website

7. PRELIMINARY SCHEDULE

8. COURSE WORKLOAD

Classroom hours	28h
Case assignments	50h
Individual study	26h
Exam preparation	56
Total	160h (6 op)

9. ETHICAL RULES

Aalto University Code of Academic Integrity and Handling Thereof>

<https://into.aalto.fi/pages/viewpage.action?pageId=3772443>

10. OTHER ISSUES

Retrieving Course Materials: Lectures to be found on course website, case delivered in paper form during lectures. All visitors might not share their slides, we advise you to make notes.