



HvA International Business School
Amsterdam University of Applied Sciences

Supply Chain Management Lab

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| Contact hours | 36 | |
| Course site | https://dlwo.dem.hva.nl | |

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1. Module overview

This guide gives you an overview of Supply Chain Management Lab . More detailed information can be found on the DLWO (<https://dlwo.dem.hva.nl>) as well as in the shared folders in SAP.

1.1 Content

In Supply Chain Management Lab you become an employee of a simulated company. The simulated companies are production/service companies delivering to each other, customers and buying from suppliers. Students of Supply Chain Management Lab will be part of the logistics, purchasing, export or warehousing department. They have to do deal with daily issues concerning these departments and also work with students from other departments i.e. marketing.

This module gives you a deeper understanding of integrated business processes, making use of an Enterprise Resource Planning (ERP) system. The emphasis is on the integration of logistical, financial, and purchasing processes. The course focuses on analyzing business situations, thinking of alternative solutions, and making well-founded choices, based on current information from supply chain management business practice.

1.2 Learning goals

| # | You can: |
|----|--|
| 1. | execute supply chain processes in a team within a simulated company |
| 2. | enter new master data in an ERP system based on changes in the supply chain |
| 3. | analyze the impact of changes in supply chain processes |
| 4. | justify desired ERP output for supply chain issues |
| 5. | actively contribute to the group product and procure a constructive co-operation climate |

Appendix 1 defines the relationship of the learning goals within this module with your program's profile competences.

1.3 Coherence with other modules

This module allows you to apply the theoretical knowledge of International Supply Chain Management and relates to all courses in the minor Global Trade and Supply Chain Management module (Purchasing, Logistics concepts, Supply chain finance, Supply chain innovation and Export management). Especially Export management and logistics concepts will bring in the necessary knowledge to understand the processes in a company using an ERP system. This course can also be followed stand alone when students are interested in the relation of logistics with other departments. It's been advised that students need some supply chain management knowledge prior to engaging this module.



1.4 Study materials & recommended further reading

Required study materials:

| Study books | | | | | |
|---------------------------------------|---------------------------|-----------|------|---------|-------------------|
| Title | Author(s) | Publisher | Year | Edition | ISBN |
| Hands-on with SAP ERP and IDES | D.J.Schenk C.T.Draijer | Pearson | | latest | 978-1-78365-452-9 |

1.5 Questions and who to contact

Questions about the module's content and study materials can be addressed to your lecturer(s) during the lessons. The consultation hours of the individual lecturers as well as their office location can be found in the lecturers' profile on the DLWO.



2. Set-up of this module

2.1 Teaching methodology

This module is taught in the form of practicum lectures, 3 hours a week. You will take on the role of an employee within a simulated company. Students will be divided in 2 companies and work on supply chain departments like Purchasing, Logistics, Export and Warehousing:

- Chemical production company (plastics)
- Third Party Logistics with packing line service

Both companies are involved in exporting. Each employee will conduct meetings about departmental issues in relation with other departments. Guidance on the departmental work is provided by the lectures during the practicum. The main responsibility of the Supply Chain Lab student is the completion of departmental work.

2.2 Assignments

Individual assignments (50%)

Students need to hand in the results from the SAP introduction course, due in week 3

In addition an evaluation, hours worked and answers to questions on ERP have to be handed in, due in the last week. Furthermore, a presentation on the results of the project will be given, due in week 13 or students will give a presentation on the function of their department, due in week 6

Departmental assignments (50%)

You are required to write a plan of approach with KPI's and PPI's for your project, due in week 4

After finalizing the plan of approach students will execute all operational processes within the department they part of.

At the end of the semester, students need to hand in updated versions of the 5 documents: department paper for the successors (next semester), process paper, master data paper, customizing paper, document status list.

N.B. The grades for the departmental and individual assignments will be adjusted by deduction with a maximum of seven points when the uploaded five papers, the minutes and the hours are missing. Hardcopies will be handed over in consultation with the teachers. The grade for the department will also be adjusted when the KPIs and PPIs are not met.

2.3 Exams

This module does not include any written exams.



2.4 Assessment

The assessment methods used in this module are summarized below. The table also shows how the grade for this module will be calculated.

| # | Description | Form | Learning goal(s) # | Lecture week | Weight (%) |
|---|--|-----------|--------------------|--------------|------------|
| 1 | Department work (50%) Individual evaluation (50%) | portfolio | 1, 2, 3, 4, 5 | 3, 6, and 13 | 100% |
| | | | | | 100% |

2.5 Resit

If the average grade obtained for this module is below 5.5 you must do a resit. Which resit(s) you must do depends on which part(s) is/were insufficient. The different situations are illustrated in the table below.

| Situation: | The resit will consist of the following test(s): | Your average module grade after resit will be calculated using the following weights: | The resit(s) will be scheduled in: |
|---|--|---|------------------------------------|
| 1 • Average grade for the whole module \geq 5.5 | No resit needed | N.A. | N.A. |
| 2 • Average grade for the whole module $<$ 5.5 | | | |



2.6 General regulations

- 1 You are required to prepare for lessons. If you come to class unprepared, the lecturer has the right to deny you access to the lesson. What is requested of you in terms of lesson preparation is stated below and/ or on the DLWO for this module.
- 2 You must bring a laptop to school for each class. It is your responsibility to make sure that the battery lasts throughout each lesson. If you fail to bring a laptop to class and/or if the battery does not last throughout class, this is regarded as not being prepared. A lecturer then has the right to deny you (further) access to that lesson.
- 3 The assignments will not be graded if the level of English is inadequate. If that is the case, you have to hand in your assignment again in the appointed resit period.

2.7 Lesson plan

| Lecture | Activity |
|---------|--|
| 1 | Introduction <ul style="list-style-type: none">• 8.30 Introduction Business Simulation for major students 'Hands-on with SAP ERP and IDES' chapter 9-12.1; BE 9.2 11.2, 13, 15 |
| 2 | <ul style="list-style-type: none">• 8.30 'Hands-on with SAP ERP and IDES' chapter 12.2-14.7; BE: 16, 17.2/3• 10.10 Introduction ERP |
| 3 | Introduction departments <ul style="list-style-type: none">• 8.30 'Hands-on with SAP ERP and IDES' chapter 14.8-14.23; BE: 18• Hand in 14.23• Prepare plan of approach department |
| 4 | Start business simulation <ul style="list-style-type: none">• 8.30 Department meeting, plan of approach and SMART KPI/PPI's |
| 5 | <ul style="list-style-type: none">• 8.30 Department meeting, approval plan of approach department• 10.00 Management meeting |
| 6 | 9.00 Presentation 1 Function, status and plans department |
| 7 | <ul style="list-style-type: none">• 8.30 Department meeting (some student have exams) |
| 8 | <ul style="list-style-type: none">• 8.30 Department meeting• 10.00 Management meeting |
| 9 | <ul style="list-style-type: none">• 8.30 Department meeting, hand in progress report department• 10.30 Project meeting, hand in progress report project• Hand in hours per student |
| 10 | <ul style="list-style-type: none">• 8.30 Department meeting, extra assignment department• 10.00 Management meeting |
| 11 | <ul style="list-style-type: none">• 8.30 Department meeting• 10.00 Management meeting |
| 12 | <ul style="list-style-type: none">• 9.00 Presentation 2 Project result and KPI/PPI per department by General Management |
| 13 | <ul style="list-style-type: none">• Hand in and upload all reports• Hand in individual evaluation |



Appendix 1: Relationship with your programme's profile competencies

| # | LG |
|----|--|
| 1. | execute supply chain processes in a team within a simulated company |
| 2. | enter new master data in an ERP system based on changes in the supply chain |
| 3. | analyze the impact of changes in supply chain processes |
| 4. | justify desired ERP output for supply chain issues |
| 5. | actively contribute to the group product and procure a constructive co-operation climate |

| LG | IBMS Profile Competencies | Level |
|----|--|-------|
| 1. | II.4 Business processes III.7International Supply Chain Management IV.2 Co-operation | 3 |
| 2. | II.4 Business processes III.7International Supply Chain Management IV.2 Co-operation | 3 |
| 3. | II.4 Business processes III.7International Supply Chain Management IV.2 Co-operation | 3 |
| 4. | II.4 Business processes III.7International Supply Chain Management IV.2 Co-operation | 3 |
| 5. | IV.2 Co-operation I. Intercultural competency | 3 |

| LG | TMA Profile Competencies | Level |
|----|--|-------|
| 1. | 3. Import & purchase management in Asian countries 4. Export & outsourcing (management) in Asian countries | 3 |
| 2. | 3. Import & purchase management in Asian countries 4. Export & outsourcing (management) in Asian countries | 3 |
| 3. | 3. Import & purchase management in Asian countries 4. Export & outsourcing (management) in Asian countries | 3 |
| 4. | 3. Import & purchase management in Asian countries 4. Export & outsourcing (management) in Asian countries | 3 |
| 5. | 3. Import & purchase management in Asian countries 4. Export & outsourcing (management) in Asian countries Consultancy | 3 |

