240ST021 - Economy and Legislation in Transport and Logistics

Coordinating unit: 240 - ETSEIB - Barcelona School of Industrial Engineering
Teaching unit: 732 - OE - Department of Management
Academic year: 2019
Degree: MASTER'S DEGREE IN SUPPLY CHAIN, TRANSPORT AND MOBILITY MANAGEMENT (Syllabus 2014). (Teaching unit Compulsory)
MASTER'S DEGREE IN INDUSTRIAL ENGINEERING (Syllabus 2014). (Teaching unit Optional)
ECTS credits: 5
Teaching languages: Spanish

Teaching staff
Coordinator: Maria Josep Borreguero Fígols
Others: Maria Josep Borreguero Fígols

Opening hours
Timetable: Wednesday from 16:00 to 18:00 and Thursday from 18:00 to 19:00

Teaching methodology
We will use an applied methodology in the course. Afterwards, a theoretical introduction of the different concepts will be proposed some applied exercises. It will be valued the use of external sources of information and the adaptation of the solutions proposed to the reality of the company positively.

Learning objectives of the subject
The general objective is understanding the international economic and legal framework in logistic operations.

Study load

<table>
<thead>
<tr>
<th>Total learning time: 125h</th>
<th>Hours large group:</th>
<th>30h</th>
<th>24.00%</th>
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<tr>
<td></td>
<td>Hours small group:</td>
<td>15h</td>
<td>12.00%</td>
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<td></td>
<td>Self study:</td>
<td>80h</td>
<td>64.00%</td>
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Content

<table>
<thead>
<tr>
<th>ECONOMY and LOGISTIC and TRANSPORT LEGISLATION</th>
<th>Learning time: 125h</th>
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<tbody>
<tr>
<td></td>
<td>Theory classes: 30h</td>
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<td>Practical classes: 3h</td>
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<td>Guided activities: 12h</td>
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<td>Self study: 80h</td>
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Description:
Module I: Logistics Economy
- The movement of goods: Inter-industry and intra-industry trade.
- Concentration processes of logistics infrastructures: Economies of scale and diversification.
- Decentralization of the productive activity: Trading in tasks.
- Globalization and heterogeneity of productivities.

Module II: Logistics and Economic integration processes.
- Integrated markets: Precompetitive effect, reduction of cross-border trade costs, discrimination and efficiency.
- Economic implications in productive localization and distribution.
- Benefits of economic integration processes: Creation, deviation, and expansion of commerce.
- Economic regional agreements.
- The European Union as a model of economic and legal integration process. Implications for logistics and transport.

Module III: Customs legislation
- Principles of customs legislation: European Community customs law, customs regimens and destinations, customs tariffs and TARIC. Another tariff measures.
- Customs barriers: Tariff and non-tariff measures.
- Customs incentives: Economic customs regimes.

Module IV: Transport Legislation
- INCOTERMS 2010
- Legislation of road transport. Treaties CMR and TIR.
- Regulations applicable to multimodal transport. (Rules UNCTAD/ICC).

Specific objectives:
The subject contributes to the specific competencies of Master in:
- Capacity for the analysis of theoretic economic models associated with concentration and decentralization of production and distribution processes. Study of implications in supply chain and transport.
- Comprehension of the integration economic processes and their effects into supply chains and transport.
- Identification of main customs barriers and incentives. The capacity of analysis of their consequences in the logistics decision-making process.
Qualification system

The final grade will be calculated by the weighted average of the following scores:
- Written test: 50% of the final grade.
- Evaluation of the final practical work: 40% of the final grade.
- Student's participation and exercises: 10% of the final grade.

Regulations for carrying out activities

The written final evaluation will consist of a multiple choice test, where the wrong answer discounts 25% and an exercise test.
The required mark in the written test in order to calculate the average final mark is 4.0.

Bibliography

Basic:


