**Syllabus**

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| **Basic data of the subject** |
| **Academic unit:** | **Faculty of Engineering and Informatics** |
| **Title of the subject:** | **Supply Chain Management** |
| **Level:** | **Master** |
| **Course Status:** | **Core** |
| **Year of studies:** | **I** |
| **Number of hours per week:** | **4** |
| **Value of Credits - ECTS:** | **6** |
| **Time / location:** |  |
| **Course lecturer:** | **Prof.As.Dr. Sokol Krasniqi** |
| **Contact details:**  |  |
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| **Course Description** | *Supply chain management presents what is Operations Management and Operations Strategy, Designing Supply Chains, Chain Supply Organizations, Creating and Managing Supply Chain. Comparative Advantages and Supply Chain Management, Transportation and Distribution of Supply Chain Management and Supply, Chain Supply Coordination and Information Systems.* |
| **Objectives of the course:** | *The purpose of the course is to study one of the aspects of operations management, supply chain management, the focus is on how supply chain strategies can provide a competitive edge for organizations, enterprises and businesses, as well as determine and describe the operation the supply chain* |
| **Expected learning outcomes:** | *Upon successful completion of this subject, student will be able to:** *recognize access to the supply chain to support products at different stages of their life;*
* *critically evaluate the nature and role of their operations and strategies in business development*
* *analyse logistics networks and evaluate their performance impacts and service levels*
* *efficiently manage inventory and operations with inventory.*
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| **Contribution to the student load (which must correspond with learning outcomes)** |
| **Activity** | **Hour** | **Day/Week** | **In total** |
| Lectures with lab tutorials  | 4 | 15 | 60 |
| Internship |   |   |   |
| Contacts with teacher / consultations | 2 | 4 | 8 |
| Field exercises |   |   |   |
| Midterm, seminars and projects. | 20  |   |  20 |
| Homework |   |   |   |
| Self-learning time student (at the library or at home) | 3 | 15 | 45 |
| Final preparation for the exam | 15 |  | 15 |
| Time spent on evaluation (tests, quiz and final exam) | 1 |  | 1 |
| Projects and presentations. | 1 |  | 1 |
| **Total** |  |  | **150** |
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| **Teaching methodology:** | *Lectures combined with case studies* |
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| **Assessment methods:** | *Assignment with group presentation 30 %**Final exam 70 %* |
| **Literature** |
| **Basic Literature:**  | 1. Panariti, S 2017, Menaxhimi i Operacioneve, Tirane”, |
| **Additional Literature:**  | 1.Sunil Chopra and Peter Meindl; Supply Chain Management: Strategy, Planning, and Operation (6th Edition), 2015. |
| **The ratio of theory and practice** | *60% theory with numerical exercises and 40% laboratory work.* |

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| **Designed learning plan** |
| **Week:** | **Lectures and exercises to be held** |
| **Week one:** | *What is Operations Management and Operations Strategy* |
| **Week two:** | *Supply chain* |
| **Week three:** | *Supply network* |
| **Week four:** | *Supply Chain Organizations* |
| **Week five:** | *Creating and Managing Supply Chains* |
| **Week six:** | *Creating and Managing Supply Chains* |
| **Week seven:** | *Designing Supply chains* |
| **Week eight:** | *Designing Supply chains* |
| **Week nine:** | *Comparative Advantages* |
| **Week ten:** | *Supply Chain Management* |
| **Week eleven:** | *Transport and Distribution* |
| **Week twelve:** | *Transport and Distribution* |
| **Week thirteen:** | *Supply Chain Coordination and Information Systems* |
| **Week fourteen:** | *Supply Chain Coordination and Information Systems* |
| **Week fifteen:** | *Inventory and Capacity management* |

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| **Academic policies and rules of conduct** |
| *Regular attendance of lectures and exercises is necessary, as well as active participation with discussion and solution of tasks. Not impeding the progress required for learning using mobile phones turned off or in silent mode.* |