

BASIC INFORMATION:

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| Organizational unit | 01.07.100. | College of Modern Management |
| Abbreviation | FPE-CMM | |
| Department | 01.06.320. | Department of Marketing and Management |
| Subject/module | 5.03.03.002. | Supply Chain Management |

TYPE OF SUBJECT:

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|---------------------------|-----------------|
| Functional area | General |
| Level of abstraction | Advanced |
| Type of course-obligation | Elective |

COURSE REGISTER:

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|------------------------|------------------------|-------------------------------|
| Scientific area | 5 | Social sciences |
| Scientific field | 5.2 | Economics and business |
| Narrow scientific area | 5.2.16. 5.2.17. | Logistics/ Management |

COURSE DESCRIPTION:

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| Educational and professional goals | <p>The purpose of this study course is to educate students about the fundamental role that supply chains and their management have in the global economy as well as to encourage critical thinking in areas of economic valuation, business negotiations and development opportunities.</p> <p>In general, the course will be useful for students who intend to continue professional career in operations management, business logistics and management. This course will benefit managers who want to develop and use opportunities to reduce costs through efficient supply chains, as well as students who are interested in understanding how optimization can improve revenue growth. Although the general nature of the course is not strictly analytical, it is necessary to possess general knowledge of economics and management.</p> <p>In support of understanding the concept of supply chain management, this course will seek to evaluate current trends, growth and development opportunities, global patterns and niche markets within the field of logistics. In fulfilling these goals, the course will use a holistic approach and rely on seminars by expert guest lecturers, relevant case studies, analyzes from professional journals and textbook chapters.</p> |
| Competences/educational outcomes: | Students need to understand Supply Chain Management as a modern management concept for improvement of business operations and get acquainted with the possibilities of solving various problems with the help of settings of this concept. |

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| <p>Mastered skills:</p> | <ul style="list-style-type: none"> • Understanding the primary differences between supply chain management and logistics • Understanding individual supply chain management processes and their relations, as well as interconnections and optimization within individual companies and supply chain decomposition • Understanding supply chain management components • Understanding the tools and techniques useful in implementing supply chain management • Knowledge of professional management opportunities in the supply chain. |
| <p>Mastered skills:</p> | <p>Week 1: Supply Chain Management Applied</p> <ol style="list-style-type: none"> 1 What is Supply Chain Management 2 The importance of supply chain management 3 Connecting supply chains to products 4 Added value in the supply chain <p>Week 2: Supply Chain Management (SCM) Views</p> <ol style="list-style-type: none"> 5 Ways to form attitudes about SCM 6 Interview: Integrated SCM 7 What is a process? 8 Innovation 9 Limitation theory 10 IT flows in supply chains <p>Week 3: Consumer service and channels</p> <ol style="list-style-type: none"> 11 Consumer service 12 Consumer Satisfaction 13 Distribution channels 14 Services <p>Week 4: Business Models and Resources</p> <ol style="list-style-type: none"> 15 Predicting appropriate business models 16 Shopping Vs. Procurement 17 Procurement Strategies 18 Building strong supplier relationships <p>Week 5: Production and integrated planning</p> <ol style="list-style-type: none"> 19 Production strategy - part I 20 Production strategy - part II 21 Flexibility 22 Totally integrated planning 23 Sales and operational planning - Part I 24 Sales and Operational Planning - Part II <p>Week 6: Prediction and the “woodmere” case</p> <ol style="list-style-type: none"> 25 Prediction 26 Joint planning, forecasting and occupancy (CPFR) 27 Presentation of the “woodmere” case 28 “Woodmere” case solution <p>Week 7: Advanced Planning and Programming (APS)</p> <ol style="list-style-type: none"> 29 APS: concepts and framework 30 APS: demonstration 31 APS: Challenges and Benefits 32 APS: demand and supply planning 33 APS: use of planning software and charts 34 APS: six components <p>Week 8: Globalization of supply chains (SCG)</p> <ol style="list-style-type: none"> 35 SCG: rationale and key strategies 36 SCG: requirements and challenges 37 SCG: operational differences 38 SCG: potential hidden costs 39 SCG: total cost strategy. |

COURSE METRIC:

| ECTS | Teaching activities (classes) | | | | | Individual work | | Total working hours |
|----------|-------------------------------|-----------------------|--------------------------|-----------------------|------------|----------------------------|-----------|---------------------|
| | Contact lessons | Exercise and training | Seminar and stud. papers | Pedagogical workshops | Internship | Individual and group study | Research | |
| 4 | 40 | | 18 | 18 | | 62 | 12 | 120 |

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| Lecture languages | Serbian (and other languages of the people of B&H) | English | | |
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PREREQUISITES FOR ACCESS

| Code | Course/module title | Grade | Description of conditions (additional) |
|--------------|--|-------|---|
| 5.03.03.001. | Business logistics and freight forwarding management | ≥ 6 | Students are obliged to attend the elective course in : Business logistics and freight forwarding management |

COURSE METHODOLOGY

During the course, the following activities are envisaged

- 45 contact hours of interactive lectures; 15 hours for research;
- 15 hours of exercise and training;
- 15 hours for seminar papers; 20 hours for internship;
- 100 hours for individual and group study

Lectures according to the established schedule with the use of modern presentation and demonstration tools and techniques with the application of interactive methods of working with students, which provides insight into their prior knowledge and specific experiences based on the issues, but also insight into the continuity of mastering the material.

Use of didactic and **educational content in electronic and digital form** (which includes recorded lectures and mentoring exercises) on various video presentation media (video tapes, interactive multimedia optical media).

Problem workshops in which the contents related to certain topics are presented in the form of a specific problem whose solution should be offered through individual and group interaction. Specific case-study analysis workshops are applied.

Internship is performed in partner institutions and business organizations for a total of 20 hours. As part of the internship, the student has the obligation to consult with the heads of the competent Department. During the internship, students prepare professional reports that are evaluated by the internship leader. The task of the internship leader and the student within this course is to ensure the mastery and application as a whole, i.e. mastering and applying a number of specific methods and techniques related to supply chain management.

STUDENT EVALUATION

| No. | Evaluation type | Partial / Final | Optional / Mandatory | Perc. of part. |
|-----|---|---------------------|----------------------|----------------|
| 01 | Participation in contact work - interaction in lectures | Pre-exam obligation | Mandatory | 15 % |

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| 02 | Participation in exercises | Pre-exam obligation | Mandatory | 10% |
| 03 | Assessment of student internship | Pre-exam obligation | Mandatory | 10% |
| 04 | Assessment of seminar paper | Pre-exam obligation | Mandatory | 20 % |

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| 05 | Exam activities - partial tests (problem tests) | Partial | Optional | 15 % |
| 06 | Exam activities - final test (problem test, written test) | Final | Mandatory | 30 % |

LITERATURE/RESOURCES (listed in order of importance)

| Author (name and surname) | Publication title | Publ. seat | Publisher | Issue year a | Type of publ.* |
|---|---|-----------------------|--|--------------|-------------------|
| a/ Basic literature | | | | | |
| Sunil Copra | Supply Chain Management: Strategy, Planning, and Operation, Fifth Edition <i>(ISBN-10:0132743957)</i> | USA | Pearson Education Publishing | 2010 | coursebook |
| Peulić, V., Jakupović, S. | Upravljanje lancima snabdijevanja <i>(Script in preparation)</i> | Banja Luka | Pan-European University Apeiron | 2015 | script |
| b/ Additional literature | | | | | |
| Peulić, V., Jakupović, S. | ”Menadžment poslovne logistike i špedicije“ | Banja Luka | PEU Apeiron | 2012 | coursebook |
| c/ Other resources - journals | | | | | |
| Author - Surname, Name (if the source is an article) | Journal title | Publ. seat | Publisher | Issue year | Type of journal |
| Peulić, V. | LOGISTIKA | B.Luka | Grafid | 2011 | |
| d/ Other resources – Internet (WEB) resources | | | | | |
| Website | Webpage | Paper title/hyperlink | Read | | |
| Logistika | www.logistika.ba | | | | |
| (*)Type of publication (coursebook, script, compendium, multimedia) | | | | | |
| The Journal of Business, Logistics; Journal of Logistics Management ; Journal of Physical Naval Research Logistics Quarterly; Omega; Operations Research; Production and Inventory Management Journal; Production and Operations Management; Production Planning and Control; Professional Engineering; Purchasing; Quality Progress; Quality; Simulation; Sloan Management Review; Supply Chain Management Review; Supply Chain Management: An international Journal; The Journal of European Logistics; Traffic Management; Transportation Science; Traffic World; Transport Logistics. | | | | | |