

| COURSE TITLE: LOGISTICS – PRINCIPLES OF LOGISTICS MANAGEMENT | | | |
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| DEPARTMENT: MIS & LOGISTICS | | | |
| CODE: SIL 501 | | | |
| Basic undergraduate level | <input type="checkbox"/> | | ECTS Credits: 6 |
| Final year undergraduate level | <input type="checkbox"/> | | |
| Graduate level | <input checked="" type="checkbox"/> | | |
| <u>Tours Campus</u> | <input checked="" type="checkbox"/> | French <input checked="" type="checkbox"/> | Semester 1 <input checked="" type="checkbox"/> |
| | | English <input type="checkbox"/> | Semester 2 <input type="checkbox"/> |
| <u>Poitiers Campus</u> | <input type="checkbox"/> | French <input type="checkbox"/> | Contact hours: 45 |
| | | English <input type="checkbox"/> | |
| <u>Contact Person:</u> Marc PINDARD | | | |

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| Aims | <p>The purpose of this module is to present the main logistical terms and methods. Students:</p> <ul style="list-style-type: none"> • May acquire a global view of the logistical context and the characteristics of world-class corporations, • Will gain a good understanding of the role played by the various players in the logistics chain • Will understand the various strategic, tactical and operational problems to be solved to manage a logistics system, and how these problems are interrelated |
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| Teaching methods | <input type="checkbox"/> Lectures <input type="checkbox"/> Seminary <input checked="" type="checkbox"/> Supervised work <input type="checkbox"/> Project <input type="checkbox"/> Case study |
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| Bibliography | <p>- BAGLIN Gérard, BRUEL Olivier, GARREAU Alain.- Management industriel et logistique (3^e éd.).- Economica, 2001. - JAMBART Claude.- L'assurance qualité : les normes ISO 9000 en pratique (2^e éd.).- Economica, 1997. - DUVAL Guillaume.- L'entreprise efficace à l'heure de Swatch et Mc Donald's.- Syros, 2000. - DORNIER Philippe-Pierre, FENDER Michel.- La logistique globale : enjeux, principes, exemples.- Editions d'Organisation, 2001. - LASNIER Gilles.- Gestion Industrielle et performances.- Hermès, 2001.</p> <p>Revue :</p> <ul style="list-style-type: none"> ◆ Stratégie Logistique ◆ La Vie du Rail et des Transports (Édition professionnelle) |
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| Assessment | <input type="checkbox"/> Final examination <input checked="" type="checkbox"/> Continuous assessment | 100% |
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Programme ESCEM Tours-Poitiers

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| Programme | <p>Chapter 1: Production management elements Flow management Inventory management and material requirement planning</p> <p>Chapter 2: Project management</p> <p>Chapter 3: World strategy and logistics</p> <p>Chapter 4: Total Quality The course in production management will mainly make use of simulation games for logistics: REAKTIK, the KANBAN game and the MRP 2 game.</p> <p>Conventional project management methods will be examined. Logistical problems tied to the new globalization strategies of the leading industrial corporations will be dealt with in the third part of this module. The chapter on quality deals, among other things, with the tools, control methods, and problem-solving methods.</p> |
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| COURSE TITLE: LOGISTICS – THE PURCHASING FUNCTION | | | |
| DEPARTMENT: MIS & LOGISTICS | | | |
| CODE: SIL 501 | | | |
| Basic undergraduate level | <input type="checkbox"/> | | ECTS Credits: 6 |
| Final year undergraduate level | <input type="checkbox"/> | | |
| Graduate level | <input checked="" type="checkbox"/> | | |
| <u>Tours Campus</u> | <input checked="" type="checkbox"/> | French <input checked="" type="checkbox"/> | Semester 1 <input checked="" type="checkbox"/> |
| | | English <input type="checkbox"/> | Semester 2 <input type="checkbox"/> |
| <u>Poitiers Campus</u> | <input type="checkbox"/> | French <input type="checkbox"/> | Contact hours: 45 |
| | | English <input type="checkbox"/> | |
| <u>Contact Person:</u> Marc PINDARD | | | |

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| Aims | <p>Controlling purchases and supplies is a key element in the logistics chain.</p> <p>This activity is a major field for logisticians.</p> <p>The responsibilities of a buyer will be developed in this module taking the new e-commerce technologies into account.</p> <p>The activities tied to BtoB will be dealt with in this module</p> |
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| Teaching methods | <input type="checkbox"/> Lectures <input type="checkbox"/> Seminary <input checked="" type="checkbox"/> Supervised work <input type="checkbox"/> Project <input type="checkbox"/> Case study |
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| Bibliography | <p>- PERSON Hélène.- Guide pratique : la fonction achats/approvisionnements en PME/PMI.- Maxima, 2000.</p> <p>- DORNIER Philippe-Pierre, FENDER Michel.- La logistique globale : enjeux, principes, exemples.- Editions d'Organisation, 2001.</p> <p>- CLOUET Philippe, AIGRAIN Pierre.- Les achats : un outil pour le management.- Editions d'Organisation, 1989.</p> <p>- LAURENT Louis.- Guide de l'acheteur industriel.- Dunod, 1990.</p> <p>- CHAMPEYROL François.- Les achats.- PUF, 1990.</p> <p>- LYSONS Kenneth.- Purchasing and Supply Chain Management (5^e éd.).- Prentice Hall, 2000.</p> <p>- BRUEL Olivier.- Politique d'achat et gestion des approvisionnements (2^e éd.).- Dunod, 1998.</p> <p>Revue : Places de Marché Electroniques Systèmes d'Information et Management</p> |
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| Assessment | <input type="checkbox"/> Final examination <input checked="" type="checkbox"/> Continuous assessment | 100% |
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| Programme | <p>Chapter 1: Purchase management</p> <p>Chapter 2: Negotiations and the selection of suppliers</p> <p>Chapter 3: The job of buyer and the development of e-commerce:</p> <ul style="list-style-type: none"> • e-procurement, • markets places |
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| COURSE TITLE: LOGISTICS – GLOBAL LOGISTICS INFORMATION SYSTEMS AND TOOLS DEPARTMENT: MIS & LOGISTICS CODE: SIL 501 | | | |
| Basic undergraduate level | <input type="checkbox"/> | | ECTS Credits: 6 |
| Final year undergraduate level | <input type="checkbox"/> | | |
| Graduate level | <input checked="" type="checkbox"/> | | |
| <u>Tours Campus</u> | <input checked="" type="checkbox"/> | French <input checked="" type="checkbox"/> English <input type="checkbox"/> | Semester 1 <input checked="" type="checkbox"/> Semester 2 <input type="checkbox"/> |
| <u>Poitiers Campus</u> | <input type="checkbox"/> | French <input type="checkbox"/> English <input type="checkbox"/> | Contact hours: 45 |
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| Aims | <p>The NICT (New Information and Communication Technologies) have been present in every area of management for several years; the necessities of supply-chain management have fostered the emergence or the evolution of these technologies. EDI (Electronic Data Interchange), long established, ERPs, ARPs, and all the way to e-logistics tools, all play a part in helping to effectively improve and measure logistic performance.</p> <p>The purpose of this module is to understand the various features of the tools by highlighting, depending on their features, how and why they are complementary in the logistics chain.</p> |
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| Bibliography | <ul style="list-style-type: none"> - DORNIER Philippe-Pierre, FENDER Michel.- La logistique globale : enjeux, principes, exemples.- Editions d'Organisation, 2001. - BAYLES Deborah L.- E-Commerce, Logistics and Fulfilment : Delivering the Goods.- Prentice Hall, 2001. - ALLAB Slimane, SWYNGEDAUF Nicolas, TALANDIER Dominique.- La logistique et les nouvelles technologies de l'information et de la communication.- Economica, 2000. - CURRAN Thomas A., LADD Andrew.- SAP R/3 Business Blueprint : Understanding Enterprise Supply-Chain (2^e éd.).- Prentice Hall, 2000. |
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Programme ESCM Tours-Poitiers

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| Programme | <p>Chapter 1: EDI standards and trends</p> <p>Chapter 2: ERPs</p> <p>The ERP concepts will be dealt with here in order to present to students the main characteristics of an ERP system:</p> <ul style="list-style-type: none">• main features of ERPs• the structure built around a hard core of parameters and data• the applications of the SAP R/3 system <p>Chapter 3: APSs</p> <p>APSs are more complex tools that are used to manage a decentralized logistics activity.</p> <p>Chapter 4: e-logistics</p> |
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| COURSE TITLE: LOGISTICS – TRACKING AND PROJECT | | |
| DEPARTMENT: MIS & LOGISTICS | | |
| CODE: SIL 501 | | |
| Basic undergraduate level | <input type="checkbox"/> | ECTS Credits: 6 |
| Final year undergraduate level | <input type="checkbox"/> | |
| Graduate level | <input checked="" type="checkbox"/> | |
| <u>Tours Campus</u> <input checked="" type="checkbox"/> | French <input checked="" type="checkbox"/> English <input type="checkbox"/> | Semester 1 <input checked="" type="checkbox"/> Semester 2 <input type="checkbox"/> |
| <u>Poitiers Campus</u> <input type="checkbox"/> | French <input type="checkbox"/> English <input type="checkbox"/> | Contact hours: 45 |
| <u>Contact Person:</u> Marc PINDARD | | |

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| Aims | <p>The program framework will focus on a number of activities:</p> <p>Guided tours of companies</p> <p>New updates on the logistics activity. General topics (humanitarian logistics, the market places, etc.), specific corporate logistics activities, and news topics are some of the subjects that may be dealt with.</p> <p>Student assistance for the preparation of a short-term report.</p> <p>Conferences on the logistics professions (APEC), assistance in resume writing, etc.</p> |
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| Assessment | <input type="checkbox"/> Final examination <input checked="" type="checkbox"/> Continuous assessment | 100% |
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| Programme | |
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