

**Excellent Coaching**

**SUPPLY CHAIN MANAGEMENT SUBJECT LIST**

A Supply Chain Management course stream typically covers a wide range of subjects and topics related to the planning, design, and operation of supply chains. Here's a complete list of subjects you might encounter in a supply chain management course stream:

**1. Introduction to Supply Chain Management:**

* Overview of supply chain concepts
* Importance of efficient supply chain management
* Key supply chain components

**2. Supply Chain Strategy and Design:**

* Supply chain network design
* Strategic decisions in supply chain management
* Aligning supply chain strategy with business goals

**3. Demand Forecasting and Planning:**

* Forecasting methods and techniques
* Demand planning and inventory management
* Sales and operations planning (S&OP)

**4. Inventory Management:**

* Inventory types and classification
* Inventory control models and techniques
* Safety stock and reorder point strategies

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**5. Procurement and Supplier Management:**

* Procurement processes and strategies
* Supplier selection and evaluation
* Supplier relationship management

**6. Logistics and Transportation Management:**

* Transportation modes and selection
* Routing and scheduling
* Warehouse management and optimization

**7. Production and Operations Planning:**

* Production scheduling and capacity planning
* Manufacturing process design
* Lean and just-intime (JIT) principles

**8. Global Supply Chain Management:**

* Managing global supply chains
* Cross-border logistics and regulations
* Global sourcing and risk management

**9. Sustainability and Green Supply Chain:**

* Sustainable supply chain practices
* Environmental and social responsibility in supply chains
* Green procurement and operations

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**10. Supply Chain Technology and Data Analytics:**

* Technology applications in supply chain management
* Supply chain visibility and analytics
* Blockchain and IoT in supply chains

**11. Risk Management and Resilience:**

* Identifying and mitigating supply chain risks
* Business continuity and supply chain resilience
* Crisis management and recovery planning

**12. Supply Chain Performance Metrics and Improvement:**

* Key performance indicators (KPIs)
* Continuous improvement methodologies (e.g., Six Sigma)
* Benchmarking and performance optimization

**13. Ethics and Sustainability in Supply Chain:**

* Ethical considerations in supply chain management
* Corporate social responsibility (CSR)
* Sustainable supply chain practices

**14. Case Studies and Practical Applications:**

* Analysis of real-world supply chain management cases
* Simulation exercises and group projects
* Integration of knowledge into practical solutions

These subjects provide students with a comprehensive understanding of supply chain management, covering strategy, planning, and operations within a global context. The specific subjects and depth of coverage may vary depending on the level and focus of the supply chain management course stream.

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**Supply Chain Management Course**

Certainly, here are the details for a typical Supply Chain Management course.

**Course Title: Supply Chain Management**

**Course Description:** Supply Chain Management is a comprehensive course designed to equip students with the knowledge and skills needed to understand, plan, and optimize the flow of products, information, and finances across the supply chain. This course covers the strategic, tactical, and operational aspects of managing the end-to-end supply chain in various industries.

**Course Content:**

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* Sales and operations planning (S&OP)

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**9. Sustainability and Green Supply Chain:**

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* Green procurement and operations

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* Business continuity and supply chain resilience
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**Duration:** One semester, which is approximately 1516 weeks of instruction.

**Course Materials:** Students may be required to use supply chain management textbooks, access online resources, and possibly use supply chain management software for simulations and projects.

**Assessment:** Assessment methods may include assignments, case studies, exams, group projects, and class participation.

**Target Audience:** The Supply Chain Management course is suitable for student pursuing degrees in supply chain management, business, logistics, and related fields.

**Course Outcomes:** Upon successful completion of the Supply Chain Management course, students should have a solid understanding of supply chain principles and practices. They will be prepared for roles in supply chain management, logistics, and related fields, with the skills to optimize supply chain processes and enhance efficiency.

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