

Rochester INSTITUTE OF TECHNOLOGY

Minor Program proposal form

Saunders College of Business

Kate Gleason College of Engineering

**Certifying Unit: Saunders College of Business**

**Name of Minor:** Supply Chain Management

**Brief description of the minor to be used in university publications**

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| An interdisciplinary minor in Supply Chain Management (SCM) focuses on providing students with the knowledge to assist in developing, and implementing, efficient supplier systems in order to maximize customer value. Supply chain management is focused on the coordination of the associated processes required both within a business, as well as across businesses/suppliers, to deliver products and services - from raw materials to customer delivery. The objective of this minor is to provide students with a background in areas commonly needed to support SCM roles, including business strategy, information systems, lean/quality management, customer service, purchasing, negotiations, contracts, forecasting, inventory management, logistics, and project management. Completion of this minor provides students with Lean Six-Sigma Yellow Belt body of knowledge. |

**1.0 Minor Program Approvals**

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|  | Approval request date: | Approval granted date: |
| SCB Curriculum Committee | 2/23/2015 | 2/27/2015 |
| KGCOE Curriculum Committee | 3/6/2015 | 3/11/2015 |
| Inter-College Curriculum Committee |  | May 2015 |

**2.0 Rationale:**

A minor at RIT is a related set of academic courses consisting of no fewer than 15 semester credit hours leading to a formal designation on a student's baccalaureate transcript

How is this set of academic courses related?

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| These courses provide students with a background in areas commonly needed to support SCM roles, including business strategy, information systems, lean/quality management, customer service, purchasing, negotiations, contracts, forecasting, inventory management, logistics, and project management. |

**3.0 Multidisciplinary involvement:**

If this is a multidisciplinary minor spanning two or more academic units, list the units and their role in offering and managing this minor.

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| KGCOE – Will offer one required course and several electives  SCB –Will offer two required courses and several elective, and will also manage/ administer minor. |

**4.0 Students ineligible to pursue this minor:**

The purpose of the minor is both to broaden a student's college education and deepen it in an area outside the student’s major program. A minor may be related to and complement a student’s major, or it may be in a completely different academic/professional area.   It is the responsibility of the academic unit proposing a minor and the unit’s curriculum committee to indicate any home programs for which the minor is not a broadening experience.

Please list below any home programs whose students will not be allowed to pursue this minor, provide the reasoning, and indicate if this exclusion has been discussed with the affected programs:

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| None. |

**5.0 Minor Program Structure, Sequence and Course Offering Schedule:**

Describe the structure of the proposed minor and list all courses, their anticipated offering schedule, and any prerequisites.

* All minors must contain at least fifteen semester credit hours;
* Minors may be discipline-based or interdisciplinary;
* In most cases, minors shall consist of a minimum of two upper division courses (300 or above) to provide reasonable breadth and depth within the minor;
* As per New York State requirements, courses within the minor must be offered with sufficient frequency to allow students to complete the minor within the same time frame allowed for the completion of the baccalaureate degree;
* Provide a program mask showing how students will complete the minor.

Narrative of Minor Program Structure:

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| **Eligibility:** Focused onmatriculated undergraduate students in business and industrial engineering, although students from other majors can be considered if they complete the program prerequisites.  **Program Prerequisites:** DECS-310 Operations Management (Pre-Reqs: STAT-145 and 3rd year standing) ***or*** ISEE-420 Production Planning and Scheduling (Pre-Reqs: ISEE-301, MATH/STAT/CQAS-251, MATH-233)  **Policies and Procedures:** Minor will be consistent with all University-level policies pertaining to minors (Policies and Procedures Manual D 1.1.), including that a minimum of nine semester credit hours must be designated towards each minor; and these courses may not be counted towards other minors.  **Curriculum:** The SCM minor consists of 15 credit hours, three required courses and two elective courses (courses and structure noted below). The required courses provide fundamental knowledge required for the management of supply chains and are: DECS-435 Supply Chain Management, MGIS-450 Enterprise Systems, and ISEE-582- Lean Six-Sigma Fundamentals. The curriculum also includes two electives that allow for some breadth across the various key subject areas in support of supply chain management (e.g., business law, supplier relations, international business, management information systems, negotiations, and logistics). | | | | | |
| ***Course Number & Title*** | ***SCH*** | ***Course Type*** | ***Term*** |  | ***Prerequisites*** |
| DECS-435 Supply Chain Management | 3 | Required | F |  | DECS-310 or equivalent |
| MGIS-450 Enterprise Systems | 3 | Required | F |  |  |
| ISEE-582 Lean Six-Sigma Fundamentals | 3 | Required | F, Sp |  |  |
| BLEG-300 Business Law II | 3 | Elective | F, Sp |  | BLEG-200 |
| DECS-445 Managing Supplier Relations | 3 | Elective | Sp |  |  |
| INTB-300 Cross-Cultural Management | 3 | Elective | F, Sp |  | INTB-225 and 3rd year standing |
| INTB-310 Regional Business Studies | 3 | Elective | F, Sp |  | 3rd year standing |
| INTB-550 Global Entry & Competition Strategies | 3 | Elective | Sp |  | INTB-225 or equivalent, 4th year standing |
| MGIS-320 Database Management Systems | 3 | Elective | F, Sp |  |  |
| MGIS-330 Systems Design and Analysis | 3 | Elective | F, Sp |  |  |
| MGMT-450 Negotiations | 3 | Elective | F, Sp |  |  |
| ISEE-350 Engineering Management | 3 | Elective | Sp |  |  |
| ISEE-626 Contemporary Production Systems | 3 | Elective | F |  |  |
| ISEE-703 Supply Chain Management | 3 | Elective | F |  |  |
| ISEE-704 Logistics Management | 3 | Elective | F |  | ISEE-420 |
| ISEE-728 Production Systems Management | 3 | Elective | Sp |  | ISEE-421 or ISEE-626 |
| ***Total credit hours:*** | ***15*** |  | | | |
| \*Other electives may be appropriate with advisor approval | | | | | |

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| Course Number & Title | SCH | Required | Optional | Fall | Spring | Annual/  Biennial | Prerequisites |
| DECS-435 Supply Chain Management | 3 | X |  | X |  | Annual | DECS-310 or equivalent |
| MGIS-450 Enterprise Systems | 3 | X |  | X |  | Annual |  |
| ISEE-582 Lean Six-Sigma Fundamentals | 3 | X |  | X | X | Annual |  |
| BLEG-300 Business Law II | 3 |  | X | X | X | Annual |  |
| DECS-445 Managing Supplier Relations | 3 |  | X |  | X | Annual | BLEG-200 |
| INTB-300 Cross-Cultural Management | 3 |  | X | X | X | Annual |  |
| INTB-310 Regional Business Studies | 3 |  | X | X | X | Annual | INTB-225 and 3rd year standing |
| INTB-550 Global Entry & Competition Strategies | 3 |  | X |  | X | Annual | 3rd year standing |
| MGIS-320 Database Management Systems | 3 |  | X | X | X | Annual | INTB-225 or equivalent and 4th year standing |
| MGIS-330 Systems Design and Analysis | 3 |  | X | X | X | Annual |  |
| MGMT-450 Negotiations | 3 |  | X | X | X | Annual |  |
| ISEE-350 Engineering Management | 3 |  | X |  | X | Annual |  |
| ISEE-626 Contemporary Production Systems | 3 |  | X | X |  | Annual |  |
| ISEE-703-Supply Chain Management | 3 |  | X | X |  | Annual |  |
| ISEE 704- Logistics Management | 3 |  | X | X |  | Annual |  |
| ISEE-728 Production Systems Management | 3 |  | X |  | X | Annual | ISEE-420 |
|  |  |  |  |  |  |  | ISEE-421 or ISEE-626 |

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| Total credit hours: | 15 |