Beyond the Ordinary...

The Management program at College of Lake County effectively prepares students for entry-level success. For those who want to expand their opportunities, the online Technical Resource Management degree at Southern Illinois University-Carbondale can provide the training and courses necessary for further career advancement.

With SIUC’s online Capstone Option, qualifying students with an A.A.S. have an advantage. Capstone reduces University Core Curriculum from 41 to 30 hours, which results in a true 2+2 transfer experience.

College of Lake County
Management (Plan 22BD)
A.A.S. – Associate in Applied Science

Required General Education Coursework
AOS  122  -or- MTH 122 (recommended) -or- MTH Elective (higher number than MTH 122)*  3-5
CM   121  Fundamentals of Speech  3
EN   121  English Composition I  3
HUM  127  -or- PHI 125  3
EN  126  (recommended) -or- AOS 111  3
Total  15-17

Required Business Administration Coursework
ACC  121  -or- ACC 112  3-4
ACC  122  -or- BUS 111  3-4
BUS  121  Introduction to Business  3
BUS  221  Business Law I  3
BUS  223  Principles of Management  3
CIT  120  -or- CIT 119  3
ECO  221  Principles of Macroeconomics  3
ECO  222  Principles of Microeconomics  3
Total  24-26

Required Management Coursework
BUS  113  Human Resource Management  3
BUS  215  Operations Management  3
BUS  233  Management Skills  3
BUS  237  Managerial Communication  3
BUS  238  Project Management  3
BUS  253  Leadership  3
BUS  Elective (select any BUS course not already applied toward this degree)  3
Total  21

Total Hours Required for AAS Degree  60-64

†University Core Curriculum (italicized) courses transfer as UCC.

*For transfer courses, see articulation.siu.edu.

The above plan is based on a cumulative transfer GPA of 2.0/4.0 or higher and Capstone eligibility. For more information, see http://articulation.siu.edu/capstone/index.php.

For more information, contact a program representative at (618) 453-7281 or visit http://isat.siu.edu/undergraduate/technical-management/.

Southern Illinois University Carbondale
Technical Resource Management
B.S. – Bachelor of Science

University Core Curriculum
UCC† Mathematics  0-3
UCC† Science, Group I: Physical  3
UCC† Science, Group II: Biological  3
UCC† Social Science  3
UCC† Fine Arts  3
UCC† Multicultural  3
Total  15-18

TRM Major
TRM  316  Applications of Technical Information  3
TRM  332  Labor-Management Relations  3
TRM  361  Fiscal Aspects of Technical Management  3
TRM  362  Legal Aspects of Technical Management  3
TRM  363  Special Topics  3
TRM  364  Work Center Management  3
TRM  383  Data Interpretation  3
TRM  421  Professional Development  3
TRM  426  Technology & International Trade  3
TRM  440  Tech/Mgmt of Sustainable Enterprises  3
TRM  464  Managing for Quality  3
TRM  470  Project Management  3
Total  36

General Electives (42 hours at 300-400-level required)
TRM  358  Work Experience Credit  0-9
General Electives  0-9
Total  2-9

Total (BS requires total of 120 hours minimum)  56-60

Updated TRM JTL 08_16
Technical Resource Management: Course Descriptions

Core Courses

TRM 316-3 Applications of Technical Information. This course will increase students’ abilities in communicating various types of workplace documents common to technical disciplines. Oral presentations will use computerized presentation software. The course is designed to meet the writing portion of the college’s Communication-Across-the-Curriculum initiative. Prerequisite: English 101.

TRM 364-3 Work Center Management. A study of the problems of managing a small working unit (division, department, work center, section, etc.) within a larger unit (agency, company, regional office, etc.). Included items will be work center goals identification, staffing needs, monitoring of work process reporting, work center communications, and interpersonal relations within the work center.

TRM 383-3 Data Interpretation. This course will give students an understanding of the basic principles and techniques involved in the statistical treatment of data, including the selection of data source, the design of statistical studies, the analysis of data, and the utilization of data. Students will gain experience in using data for decision-making in their respective professions. Prerequisite: UCC mathematics requirement.

TRM 464-3 Managing for Quality. The course focuses on management techniques used to upgrade the level of quality of products and services in organizations. Topics cover the processes of continuous quality improvement: strategies and objectives, quality measures, participative management practices, worker empowerment, customer preferences and expectations, vendor/supplier inputs, process technology outputs, integrated feedback loops, and quality audits and review.

TRM 470-3 Project Management. This course is designed to provide students with an overview of the project management process followed by an in-depth examination of the activities needed to successfully initiate, plan, schedule, and control the time and cost factors of the project from a technical management perspective.

Support Courses

TRM 332-3 Labor-Management Problems. Students will gain a general understanding of the economic situation of which labor-management problems represent a subset. They will develop a perspective on the evolution of labor relations in the United States economy and on how the interaction of labor and management differs throughout the world. The collective bargaining section introduces the student to the techniques of bargaining used by labor and management in their ongoing interactions.

TRM 361-3 Fiscal Aspects of Technical Management. An introduction to fiscal structures and problems encountered in the technically oriented enterprise. (Topics include, but are not limited to, interpreting financial statements, forecasting, budgeting, ratio analysis, strategic analysis, and special tools such as break-even analysis and relationships between quality, productivity, and personnel.)

TRM 362-3 Legal Aspects of Technical Management. An introduction to the types of legal problems encountered in the technically oriented enterprise. (Topics include, but are not limited to, contracts, civil and criminal liability, government relations, bankruptcy, and labor law.)

TRM 363-3 Special Topics in Technical Management. Specialized study for the investigation of management problems relating to the student’s career objective.

TRM 421-3 Professional Development. Introduces students to the various elements involved in obtaining a position in their chosen career field. Topics included are: personal inventories, placement services, employment agencies, interviewing techniques, resumes, letters of application, references, services, and employment tests. Each student will develop a portfolio including personal and professional information related to individual career goals.

TRM 426-3 Technology and International Trade. The international trade of products and services is studied by examining the technology development and transfer concerns of transnational corporations and national governments in industrialized, newly industrialized and developing countries.

TRM 440-3 Technology and Management of Sustainable Enterprises. Focuses on the technology and business principles found in the growing sector of environmentally green enterprise. A variety of sustainable business practices will be studied.