

## MM COURSE DESCRIPTIONS & TENTATIVE SCHEDULE (2018-19 Academic Calendar)

### **MIST 201: Leadership, Organizations, and Communications (Fall)**

***Taught on Mondays 1-4 pm by Professors Tea Lempilä & Anita Bhappu***

Using management and organizational behavior theories, students will identify and evaluate examples of functional and dysfunctional leadership in workplace settings. Students will also learn and apply strategies for effectively managing employees and other human resources through the use of organizational case materials, leadership assessments, and team exercises involving both oral and written communications. Class and group discussions will focus on improving individual and team performance in work organizations with sensitivity to cross-cultural differences.

### **MIST 202: Managerial Finance and Accounting Statements (Fall)**

***Taught on Tuesdays 1-4 pm by Professors Ron Simenauer & Leroy Westerling***

Introduction to principles of accounting, finance and budgeting. Covers the fundamental accounting concepts and how to apply them, preparing accounts for different types of entities and understanding the differences between them. Covers foundations of financial management, including the time value of money, capital budgeting and evaluation, capital structure, valuation of various capital sources as well as financial aspects of the management of small business and entrepreneurial firms (sole proprietorships, partnership, small private corporations).

### **MIST 203: Quantitative Tools for Management (Fall)**

***Taught on Wednesdays 1-4 pm by Professors Alex Petersen & Leroy Westerling***

This course will prepare students for qualitative, quantitative and data-oriented reasoning for complex decision-making scenarios. In qualitative scenarios, when quantitative information and data are sparse, reasoning draws on careful thought experiments. When the problem has a measurable component that nevertheless lacks data, insights and direction can still be obtained from *back-of-the-napkin* estimations that also require an assessment of error propagation. In the digital era, the increasing availability of data for decision-making clarifies some aspects of problem solving, but there are still statistical pitfalls that should be addressed and overcome using careful analysis design. To this end, this class will largely focus on identifying best practices for collecting, processing, visualizing, and communicating data-driven analysis strategies.

### **MIST 204: Spatial Analytics (Fall)**

***Taught on Thursdays 1-4 pm by Professors Jeff Jenkins & Leroy Westerling***

To address the increasing demand for geospatial skillsets in public agencies and private industry, this course introduces methods for acquisition, analysis, and assessment of spatial data. Lectures and course projects will emphasize geographic information systems and spatial statistical packages as support tools for problem solving and decision-making in natural resource management, market-based institutions, and non-profit organizations. Students will work in teams to acquire, explore, analyze, and assess spatial information from a given set of management case studies. The course will culminate with a team presentation where students will convey spatial data through visualization techniques and communicate findings.

### **MIST 205: Technology-Enabled Service (Spring)**

***Taught on Mondays 1-4 pm by Professor Paul Maglio***

Students will gain an understanding of how information-based services and systems can be used to meet the needs and challenges of modern organizations. Additionally, students will gain an understanding of how internet-related technologies add value to organizational and business functions, including marketing, management, and more. Students will be asked to use design thinking and management principles to improve strategies, processes, operations, and the decision making in specific cases to better meet customer and other stakeholders' needs.

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### **MIST 206: Entrepreneurship and Innovation (Spring)**

***Taught on Tuesdays 1-4 pm by Professors Russ McBride & Tea Lempialä***

The primary topics of this course are entrepreneurship and innovation, and the purpose of this course is to provide graduate-level exposure to: 1) Key concepts and theories of entrepreneurship and innovations; and 2) Hands-on training in the practice of entrepreneurship and innovative product or service development. In the conceptual part of the course, we explore the basis of creativity, processes and practices of innovation and fundamentals of entrepreneurial action. We also discuss innovation strategy and alignment of innovative projects to corporate strategy. In the hands-on part of the course, there will be a combination of case analysis and an entrepreneurial project conducted by each student. The case analysis assignments are due at the beginning of class in the first half of the semester and MOKR (mission, objectives, key results) progress reports on the semester project due before class every meeting the second half of the semester.

### **MIST 207: Project and Operations Management (Spring)**

***Taught on Wednesdays 1-4 pm by Professor Lisa Yeo***

Introduces operations and project management concepts and tools to assist managers in efficient and effective delivery of goods and services. Explores project and program management concepts including critical path, crisis management, human resources, budgeting and planning considerations. Operations management topics explore value creation in both private and public sectors, quality service delivery, supply chain, and techniques for efficient service delivery.

### **MIST 208: Law, Policy, and Risk Management (Spring)**

***Taught on Thursdays 1-4 pm by Professors Catherine Keske & Jeff Jenkins***

This course will utilize theory and frameworks at the intersection of law and economics, as well as case studies, to train students how to consider law, policy, and risk in the management of corporate, non-profit, and public sectors. Concepts include: the Coase theorem; market failures and policy tools; laws as individual rights and obligations scaled-up to society; policies as prevailing strategies to reconcile social, ecological, and economic tensions; and risks as real or perceived exposure to loss of value for individuals, the environment, or the market.

### **MIST 210: Integrative Project and Case Studies in Sustainability (Summer)**

***Taught in Summer Session B by Professor Catherine Keske***

Through case studies of non-profit and for-profit enterprises and public institutions, this course focuses on how to align people, information, and resources effectively to meet the triple bottom line: value generation, ethical treatment of workers, and environmental sustainability. Students will learn to analyze organizational impacts and develop practices that foster a balanced ecosystem as well as organizational effectiveness and includes work on a team-based capstone project.

### **MIST 211: Strategy: Regional and Global Perspectives (Summer)**

***Taught in Summer Session A by Professors Anita Bhappu & Lisa Yeo***

This course provides an introduction to strategic management and corporate governance in both regional and global contexts. Students will learn frameworks and theories about strategy formulation and implementation, competitive advantage, stakeholder analysis, value creation, product-market fit, business model innovation, organizational design, strategic planning and operations management. Students will integrate and apply this knowledge to case studies about private and public organizations, as well as on regional and international field trips to for-profit and non-profit enterprises.