ENGINEERING MANAGEMENT ONLINE (EMEA)

Courses

The following courses are only available through CU Boulder on Coursera program offerings. Please refer to the Online Programs (https://catalog.colorado.edu/online/) section of the catalog for more information.

EMEA 5006 (1) Defining, Describing and Visualizing Data
As leaders in your chosen field, you need to not only know how to ask the right questions but also answer them using data-based methods. Through this class, you'll be able to get to the bottom of what you really want to know, describe the associated data related to that question and visualize the information from that data to understand and explain the results.
Grading Basis: Letter Grade

EMEA 5007 (1) Data Acquisition, Risk and Estimation
Engineering and Business professionals often have access to many sources of data. The best way to ensure your data is both valid and reliable is to plan for it ahead of time. Through this class, you'll be able to plan for accurate and precise data generation, then use that data for the purpose of estimation and risk reduction related to capital investments.
Grading Basis: Letter Grade

EMEA 5008 (1) Data Driven Decision Making
Once we¿ve generated data, we need to answer the research question by performing an appropriate statistical analysis. Engineers and Business Professionals need to know which test or tests to use. Through this class, you'll be able to plan for accurate and precise data generation, then use that data for the purpose of estimation and risk reduction related to capital investments.
Grading Basis: Letter Grade

EMEA 5016 (1) Communication as a Technical Leader
A technical leader spends a majority of their day interacting with others. Indeed, studies repeatedly point to the impact communication skills have on the ability of managerial leaders to succeed or fail. Too often, individuals move into managerial leadership roles without an awareness of the need to improve in this area. This course focuses on interpersonal skills such as listening, counseling, non-verbals, mentoring, coaching, building trust, and providing feedback.
Grading Basis: Letter Grade

EMEA 5017 (1) Technical Managerial Written Skills
Writing effective documents to influence teams and decision-makers is one of the essential elements of successful management. Additionally, in all of its forms, writing remains one of the primary vehicles by which a leader exercises leadership. Just like the other forms of communication, it must be coherent, complete, make a clear argument, and include appropriate decorum. This course focuses on these attributes as applied in all forms of modern written communication.
Grading Basis: Letter Grade

EMEA 5018 (1) Speaking to a Technical Group
Great speakers focus on voice, nonverbals, eye contact, body language, and storytelling to captivate their audiences. Moreover, as a leader, it is possible to communicate in such a manner and in such a tone of voice so as to inspire in others nothing but an intense desire to excel, making this form, potentially, the most powerful leadership-communication skill of all. This course focuses on the fundamentals of excellent oral communication.
Grading Basis: Letter Grade

EMEA 5021 (1) Product Cost and Investment Cash Flow Analysis
This first course in the finance specialization discusses costs and business practices to establish the cost of a product. The concept of time value of money (TVM) is developed to determine the present and future values of a series of cash flows. TVM principles are then applied to personal finances and retirement planning. This is a practical course that uses spreadsheets extensively to better prepare students in engineering and science for a career in industry.
Grading Basis: Letter Grade

EMEA 5022 (1) Project Valuation and the Capital Budgeting Process
This second course in the finance specialization describes the economic viability of an engineering project through application of net present value, internal rate of return, and payback period analysis. The impacts of depreciation, taxes, inflation and foreign exchange are then addressed. The capital budgeting process is discussed, showing how companies make decisions to optimize their investment portfolio. Risk is mitigated through application of quantitative techniques such as scenario analysis, sensitivity analysis and real options analysis.
Grading Basis: Letter Grade

EMEA 5023 (1) Financial Forecasting and Reporting
This third and final course in the finance specialization discusses how public projects are evaluated using cost-benefit analysis. Students then learn how interest rates and prices for stocks and bonds are determined. Techniques are presented on how to create departmental budgets for engineering cost centers and pro forma statements for profit centers. Students then work with corporate financial statements to assess a company¿s financial health, including recent measures of environmental, social and corporate governance (ESG).
Grading Basis: Letter Grade

EMEA 5031 (1) Project Management: Foundations and Initiation
The goal of this introductory course in the project management specialization is to provide students the foundational knowledge of how engineering projects are managed and initiated. Engineering project managers are responsible for project scope, stakeholder management, effective communication, and team leadership. In this course you will develop introductory skills needed to manage traditional engineering projects, along with tools needed to engage stakeholders and build diverse teams.
Grading Basis: Letter Grade

EMEA 5032 (1) Project Planning and Execution
The goal of this second course in the project management specialization is to provide students with skills necessary to plan and execute traditional engineering projects. Project managers must plan and manage complex projects constrained by time and budget. As part of this course, you will determine project schedules, budgets, and risk assessments. At the end of this course, you will be able to identify and explain various quality tools and methods used in project management.
Grading Basis: Letter Grade

EMEA 5033 (1) Agile Project Management
The goal of this third course in the project management specialization examines the philosophy and process of managing projects using Agile project management. Students in this course will learn the Agile philosophy and process including the Scrum framework, sprints, and user stories. Upon completion of this course, you will be able to distinguish between traditional and agile project management methodologies and understand the benefits of delivering value early in an engineering project.
Grading Basis: Letter Grade

EMEA 5034 (1) The Need for Systems Engineering
Systems engineering is an interdisciplinary approach to designing, realizing, and managing complex systems. In this course, you will be introduced to principles of systems engineering and its importance to the development of complex systems. You will learn to identify and define systems, manage their complexity, and describe their life cycle. The course uses real-world engineering examples to address how the systems engineering approach can address challenges.
Grading Basis: Letter Grade

EMEA 5035 (1) Applying Systems Engineering to the Design Process
In this course, you will learn what a systems engineer does. Following the conceptual foundations from The Need for Systems Engineering, you will perform requirements analysis and functional analysis on engineering programs. You will learn how to perform a trade study using a methodical, quantitative approach that is universal in application. This course also covers preparing design reviews, focusing on coordinating the inputs of multiple engineering disciplines into a cohesive description of the design approach.
Grading Basis: Letter Grade

EMEA 5036 (1) Systems Engineering and Program Management
This course teaches the learner how to apply Systems Engineering to the overall management of a complex program. This includes tailoring the systems engineering process to the specific needs of a particular program. The risk management process is described, including how to identify risks and develop a mitigation strategy. The key management tools are described along with how the scope of a program is defined and managed according to the terms of the contract.
Grading Basis: Letter Grade

EMEA 5051 (1) Leading Oneself with Self-Knowledge
Before we can lead others well, we must first learn to lead ourselves well. Knowing thyself is the starting point on this journey. In this course, you will come to understand the importance of three forms of awareness, craft a personal identity, gain understanding of how you work best, learn to be strategic with your time and energy and manage cognitive biases and understand your worldview.
Grading Basis: Letter Grade

EMEA 5052 (1) Leading Oneself with Purpose and Meaning
Before we can lead others well, we must first learn to lead ourselves well. Knowing your why is an important part of this journey. In this course, you will identify your core purpose and recognize meaning in your life, explore the power of spirituality and embracing our mortality, create a lasting impact by serving a greater good, describe your character and practice personal excellence.
Grading Basis: Letter Grade

EMEA 5053 (1) Leading Oneself with Personal Excellence
Before we can lead others well, we must first learn to lead ourselves well. Knowing personal excellence is the culmination of this journey. In this course, you will describe how and why to set goals and create action plans, increase your focus and reduce distraction, harness motivation and flow state for performance, build self-efficacy and agency, and redefine your relationship with stress, anxiety, fear and adversity.
Grading Basis: Letter Grade

EMEA 5054 (1) Leadership Style and Building a High-Performance Team
Leadership of complex technical organizations is being challenged by the rapid pace of technology development, innovation and the new flexible workplace where employees working from anywhere demand to be engaged, motivated and recognized. This first course in the Leading Technical Organizations specialization explores leadership style, value creation, how a leader multiplies their abilities by building high performance teams, leading through others and that one's executive presence is essential to be a leader of leaders.
Grading Basis: Letter Grade

EMEA 5055 (1) Accountability and Employee Engagement
Being a successful leader in complex technical organization requires being ultimately accountable for your team¿s performance and meeting commitments to all your stakeholders. This second course in the Leading Technical Organizations specialization explores how organizational leaders use different decision-making processes for different situations and that they are ultimately accountable for all results. You¿ll also look into how a company¿s culture drives strategy, risk and meeting stakeholder commitments.
Grading Basis: Letter Grade

EMEA 5056 (1) Value Creation and Building Enduring Relationships
The most effective leaders in complex technical organizations are successful leading the performance of large-scale technical endeavors. These leaders have generally established a network of professional relationships, supporting them throughout their career. This third course in the Leading Technical Organizations specialization explores techniques for building enduring relationships that have a multiplicative impact on business success. The course provides insight into how authentic leadership yields employee engagement that is critical to strategizing, planning and performing large scale technical endeavors.
Grading Basis: Letter Grade

EMEA 5057 (1) Your World and What Shapes It
Advancing equity, diversity, and inclusion (DEI) requires a process of examination, self-reflection, and action. In this course, students will examine their identity and background and reflect on how it has shaped their thoughts, activities, and relationships with others. The student will also explore the historical narratives and power dynamics that have shaped their environment. Discussions surrounding course topics will be approached through a global lens.
Grading Basis: Letter Grade

EMEA 5058 (1) Their World and How You Define It
As future leaders in workplace DEI initiatives, it is essential to develop an awareness of the experiences faced by others and cultural empathy. In this course, students will listen to and reflect on the voices of women, black, LGBTQ+, and neurodiverse experiences. Through listening, students will learn to look inward and confront their own ignorance, biases, or stereotypes.
Grading Basis: Letter Grade

EMEA 5059 (1) Our World and How to Accept It
In this course, students will learn the history of DEI in the workplace and how DEI initiatives can be successfully implemented in a global environment. The course will provide students with a toolkit to make lasting changes for themselves and their interactions with others.
Grading Basis: Letter Grade

EMEA 5061 (1) A Technical Leader's Qualities and Effectiveness
This course describes the traits of Great Leaders who combine fierce resolve with personal humility. Indeed, they might be described more as ¿plow horses¿ as opposed to ¿show horses¿. They see themselves as servants to the team and to the organization. They ¿hold the line¿ when faced with tough decisions and ¿do what must be done¿ when the time comes. Their leadership is based on solid ethical principles and they act with quiet, calm determination.
Grading Basis: Letter Grade

EMEA 5062 (1) Challenges of Leading Individuals in the Tech Industry
Great Leaders lead by example. They protect their team members, empower them, and help them to improve and grow while the team members, in turn, help the organization improve and grow. Working together with the team, they envision what the organization could be and inspire others to help execute the strategy that will take them there. Many times, they see their team members as more of a family than simply as business acquaintances.
Grading Basis: Letter Grade

EMEA 5063 (1) Challenges of Leading Technical Teams
Great Leaders¿ ambition is for the organization and team first, and for themselves a distant second. They help develop and ¿spin-off¿ other great leaders and help set up their successors for success. They seek truth about their organization, seeing it from the outside-in as well as from the inside-out. Most importantly, they focus on establishing processes that allow the organization to operate smoothly and efficiently.
Grading Basis: Letter Grade

EMEA 5064 (1) The Neuroscience of Personal Excellence
This course examines leadership techniques through the lens of social cognitive neuroscience and psychology. Utilizing the latest research, we develop a leadership practice based on the foundation of neuroscience. Topics include neuroplasticity, regulating arousal, personal performance, flow state, decision-making and learning. This course focuses on personal excellence to lead oneself.
Grading Basis: Letter Grade

EMEA 5065 (1) The Neuroscience of Leading High-Performance Teams
This course examines leadership techniques through the lens of social cognitive neuroscience and psychology. Utilizing the latest research, we develop a leadership practice based on the foundation of neuroscience. Topics include motivation, storytelling, improv, collaboration, psychological safety, influence, and coaching. This course focuses on leading high-performance teams.
Grading Basis: Letter Grade

EMEA 5066 (1) The Neuroscience of Leading Transformational Organizations
This course examines leadership techniques through the lens of social cognitive neuroscience and psychology. Utilizing the latest research, we develop a leadership practice based on the foundation of neuroscience. Topics include innovation, creativity, facilitating change, gender and diversity, mental toughness, and explore the neuroscience of business. This course focuses on leading transformational organizations.
Grading Basis: Letter Grade

EMEA 5081 (1) A Theoretical Origin of Ethics in Business and Tech Industry
In the pursuit of a clear understanding of business ethics, one may begin by considering our evolved eusocial behavior. Is the source of morality fundamentally biological in nature? If so, does that help to provide us with an explanation for the unresolvable tension between selfishness and altruism? Indeed, may we use this theory to help, then, explain the human condition and the drivers of ethics in business and industry?
Grading Basis: Letter Grade

EMEA 5082 (1) Avoiding Ethical Pitfalls in the Tech Industry
Most executives who commit crimes make those decisions on the basis of intuition and gut feeling. The weaknesses associated with this type of decision-making are exacerbated by an environment where leaders are increasingly distanced from the consequences of their decisions and the individuals they impact. This course is a look at the ethical dark side of the modern business world.
Grading Basis: Letter Grade

EMEA 5083 (1) Ethical Decision Making for Success in the Tech Industry
Good ethics is absolutely essential to effective business practice. That is, how each employee works and the standards they uphold while working affects both personal and company reputations. Indirectly, they also affect politics, society at large, and even the national reputation. This course focuses on various techniques that help one avoid an incorrect ethical path in business and industry and, instead, make ethically correct decisions.
Grading Basis: Letter Grade

EMEA 5091 (1) Getting Started with Technology Startups
This course will introduce the contemporary practice of entrepreneurship for engineers. Students will identify their driving purpose for creating a new startup and explore the fundamental tools and practice of entrepreneurship. They will develop the knowledge and skills for thinking and acting like an entrepreneur and gain insight about how to recognize new opportunities. The tools, resources, and methods introduced can be used to generate new product and service ideas that address real customer needs.
Grading Basis: Letter Grade

EMEA 5092 (1) Creating a Technology Startup Company
This course will examine the core elements that make up the inner and outer workings of a startup company. Students will learn how to define, research, and segment markets and use that knowledge to develop viable business and revenue models. The models will be used to construct pro forma financial statements suitable for potential investors. Students will gain the knowledge and skills to build networks and teams and create a lean business plan of operations.
Grading Basis: Letter Grade

EMEA 5093 (1) Forming, Funding, and Launching a Technology Startup Company
This course explores the key steps and processes involved with forming, funding, and launching a startup company. Students will learn about funding options and how to interpret investor needs and requirements. They will gain the knowledge and skills needed for creating and presenting viable business plans to potential investors. Students will explore topics related to company formation, legal issues relevant to startups, and map the key steps to launching, growing, and exiting a startup company.
Grading Basis: Letter Grade

EMEA 5094 (1) Market Research & Analysis for Tech Industries
This first course in the Digital Marketing Specialization begins with customer behavior, both consumer and business-to-business. We learn to design and execute means of gathering information on markets and customers, market research. We then analyze that data using various tools and approaches. Throughout, our guiding scenario of a technology or engineering startup with a novel product or service is both exciting and a realistic representation of staff, financial and time resources.
Grading Basis: Letter Grade

EMEA 5095 (1) Digital Media & Strategic Planning in Technology Markets
In this second Digital Marketing Specialization course we develop strategic analysis and planning skills, applying the tools of industry to turn market research into actionable items. Next, we will investigate the most effective media channels available, focused on the more efficient and dynamic digital marketing channels. Throughout, our guiding scenario of a technology or engineering startup with a novel product or service is both exciting and a realistic representation of staff, financial and time resources.
Grading Basis: Letter Grade

EMEA 5096 (1) Building and Pitching Marketing Campaigns in Tech Industries
In this third Digital Marketing Specialization course we bring together all our skills to build a marketing plan for a real-world startup company of our choosing. We develop and apply industry decision metrics and critical lenses while building a comprehensive plan, both written and a video pitch, addressing executive decision-makers. Now our guiding scenario of a technology startup with a novel product comes to fruition with a complete strategic program for a firm operating in a dynamic engineering industry.
Grading Basis: Letter Grade

EMEA 5216 (1) Sustainability and the Circular Economy
This first course in the Applied Sustainability specialization discusses the need to shift from today¿s linear economy to a circular one. The course begins with the sustainability imperative and introduces the Anthropocene. It then shifts to solutions, detailing the rapid transition to renewable energy, electric vehicles, and the design of more environmentally responsible buildings. The course closes with an overview of the circular economy, and how it is integrated into these solutions.
Grading Basis: Letter Grade

EMEA 5217 (1) Applied Sustainability Engineering
This second course in the Applied Sustainability specialization discusses the techniques used by engineers and scientists to develop and assess the environmental impact of products and processes. It discusses carbon and water footprints and how they are determined. Topics then address the different approaches to environmental analysis, including life cycle assessment, energy and material flow analysis, and eco-audits. The course concludes definitions of what constitutes circular product and packaging design.
Grading Basis: Letter Grade

EMEA 5218 (1) Leading the Circular and Sustainable Business
This final course in the Applied Sustainability specialization discusses the business case for circularity. Topics include design of production and operations and ensuring circularity throughout the supply chain. The course then examines the marketing of circular products and what distinguishes true marketing from greenwashing. Finance is impacted by circularity and is addressed through Triple Bottom Line accounting. Finally, the course concludes with how individuals can become agents of change in the organizations where they work.
Grading Basis: Letter Grade

EMEA 5222 (1) Product Design for the Circular Economy
This course illustrates the product design tools necessary to implement Circular Economy (CE) principles. The course begins with an overview of the Circular Economy and why it is necessary today. It then discusses the design strategies involving Design for the Environment, DfE, and Design for ¿R¿, where R refers to Reuse, Repair, Remanufacturing, and Recycling. The course ends highlighting ways designers can select the appropriate materials to achieve their circularity objectives and make eco-informed decisions.
Grading Basis: Letter Grade

EMEA 5223 (1) Packaging Design for the Circular Economy
The course begins with a discussion of the essential elements of packaging. It then overlays sustainability and sustainable development onto the fundamentals and explore new ways packaging can be done while still performing its function. The course then introduces packaging design, and what packaging engineers pay attention to. The course wraps up with a discussion of current packaging materials, and opportunities for new, more circular materials that are in development.
Grading Basis: Letter Grade

EMEA 5224 (1) Circular Product Design Frameworks and Certifications
This course provides the tools necessary to incorporate circular product design into the corporate product development process, using frameworks such as the Ellen MacArthur Foundation-IDEO Design Thinking Model, the CIRCit Circular Product Design and Development Model, and Biomimicry. The course also explores the new European Union Eco-Design for Sustainable Products Regulation (ESPR), and how that drives more circular product design. The course wraps-up with a detailed review of the Cradle-to-Cradle Product Certification Program.
Grading Basis: Letter Grade

EMEA 5226 (1) Sustainable and Resilient Operations Management
Operations management is the use of company resources to create value or meet a market need. Increasingly, customers are demanding more attention be paid to the environmental impacts of the goods and services they buy. In this course, students will learn concepts and practices companies employ to manage business processes that meet the needs of shareholders and employees while reducing negative impacts on the pollution and waste.
Grading Basis: Letter Grade

EMEA 5227 (1) Developing and Managing Sustainable Supply Chains
Customers are becoming more aware of the environmental and social impacts of where and how the products they purchase are produced and delivered. Many are demanding organizations act in environmentally responsible ways. In this course, you will learn to build a more sustainable and socially responsible supply chain while meeting business expectations.
Grading Basis: Letter Grade

EMEA 5228 (1) Impacts of Sustainable Operations and Supply Chains
Innovative organizations need leaders and managers who understand the complex nature of corporate social responsibility, sustainability, and resilience. In this course, students will learn strategies to become good corporate citizens while still creating value for stakeholders. You will learn methods to measure environmental and social impacts of sustainable operations and supply chains.
Grading Basis: Letter Grade

EMEA 5231 (1) Resilience and Leadership: Concepts, Definitions, and Frameworks
This course is part 1 of 3 that comprise the specialization `Resilience Engineering and Leadership in Crisis¿. The course introduces the common terms, definitions, and concepts that characterize resilient systems. Frameworks for resilience engineering and leadership in crisis are applied to complex systems and the built environment. Learners will explore a holistic approach to critical infrastructure resilience and apply a threat assessment protocol to a project scenario.
Grading Basis: Letter Grade

EMEA 5232 (1) Resilience and Leadership: Tools, Methods, and Applications
This course is Part 2 of 3 comprising the specialization `Resilience Engineering and Leadership in Crisis.¿ The course offers tools and methods for applying the concepts from Part 1 to various applications and disaster scenarios. Systems thinking, crisis management lifecycle, and organizational strategy are presented to help cultivate and strengthen crisis leadership and communication skills. Learners will assess the resilience of a complex system and create a crisis management plan.
Grading Basis: Letter Grade

EMEA 5233 (1) Resilience and Leadership: Design, Development, and Integration
This course is part 3 of 3 that comprise the specialization `Resilience Engineering and Leadership in Crisis¿. The course emphasizes the importance of practices like organizational learning and adaptive change management amid uncertainty. Resilience engineering principles and strategies are combined with critical leadership knowledge and skills essential to navigating unanticipated catastrophic disruptions. Learners will integrate selective assignments from Parts 1, 2, & 3 to construct a comprehensive resilience report of a complex project scenario.
Grading Basis: Letter Grade

EMEA 5241 (1) The Circular Economy
This course defines the Circular Economy and how it differs from the linear economy. It then highlights the need to move toward a Circular Economy, and how such a transition could take place. This also requires customers going from being ¿consumers¿ to ¿users¿, which impacts product design, and therefore challenges existing financial business models. The course concludes with several case studies highlighting companies successfully adopting Circular design practices.
Grading Basis: Letter Grade

EMEA 5242 (1) Sustainable Marketing and Consumer Trends
As businesses increasingly recognize the importance of Environmental, Social, and Governance (ESG) criteria in their operations, understanding how to integrate sustainability goals into marketing efforts becomes essential. In this course, you will learn tools and strategies for marketing products and services with a focus on sustainability. Emphasis will be placed on aligning organizational sustainability objectives with consumer preferences and market trends.
Grading Basis: Letter Grade

EMEA 5243 (1) Leading the Way: Becoming a Sustainability Change Agent
As sustainability becomes increasingly central to corporate strategy, managers must be adept at leading and managing sustainability initiatives. This course will explore the principles of corporate sustainability, change management strategies, and techniques for building networks and seizing opportunities in the rapidly evolving landscape of sustainable business. It is to equip future business leaders with the knowledge, skills, and mindset required to drive sustainable change within organizations.
Grading Basis: Letter Grade

EMEA 5316 (1) Principles of Business Law for Technical Managers
In this first course of the Business Law for Technical Managers specialization, students learn the legal principles most likely encountered as technical managers, beginning with the legal structures of business. The course then discusses contracts and agreements, typical of those made with suppliers, employees and other business stakeholders. We then explore employment law, critical when managing others. The course concludes with a discussion of data privacy, a rapidly evolving field in the digital world today.
Grading Basis: Letter Grade

EMEA 5317 (1) Strategic Management of Intellectual Property
This second course in the Business Law for Technical Managers specialization focuses on intellectual property (IP), first defining components of IP: trademarks, patents, and copyrights. We then consider trademarks as a company¿s brand, and explore types of patents and how to read and interpret them. Next the course examines copyrights, critical in protecting creative works such as software. The course concludes with an overview of the different strategies companies employ to manage their IP.
Grading Basis: Letter Grade

EMEA 5318 (1) Practical Matters in Business Law
In this third and final course of the Business Law for Technical Managers specialization, we cover legal issues likely to be encountered by a technical manager. We begin with product liability and the manger¿s responsibility to ensure product safety. We then cover business ethics and an area of increasing importance, environmental law. The course then outlines the litigation process from discovery to the trial, and concludes examining the legal matters associated with mergers and acquisitions.
Grading Basis: Letter Grade

EMEA 5401 (1) Strategic Product Development
This first course in the product development specialization discusses how companies create new products that customers want while achieving their financial objectives. We begin by defining the product strategies necessary to ensure a company¿s long-term growth. We then explore the different product development processes used by high-tech businesses today, such as Stage-Gate and Lean/Agile techniques. We conclude illustrating the tools to build the high-performance teams that take the development process from concept through product launch.
Grading Basis: Letter Grade

EMEA 5402 (1) Managing the New Product Development Process
This second course in the product development specialization goes into the product development process in detail. With the opportunity defined, we begin with ideation techniques such as Design Thinking to create new product concepts. We then define the tools to create product specifications that meet customer requirements, and then conceptualize different ways of meeting those requirements. With finally explore prototyping and the techniques used to down-select to a concept that is then carried through launch.
Grading Basis: Letter Grade

EMEA 5403 (1) Product Innovation Management
This third course in the product development specialization discusses a product¿s life cycle with the strategies to ensure long-term success. We begin with an overview of digital product development and how it differs from physical products. Students are then introduced to product roadmaps and forecasting techniques, and apply these in creating a compelling financial business case. We conclude with how sustainability impacts product development today and how to design innovative products for a circular economy.
Grading Basis: Letter Grade

EMEA 5831 (1) Special Topics
Examines a special topic in leadership and management.
Repeatable: Repeatable for up to 9.00 total credit hours. Allows multiple enrollment in term.
Grading Basis: Letter Grade