

**Stanford University Continuing Education Sustainability Course Inventory  
May 2017**

<b>Code</b>	<b>Title</b>	<b>Description</b>
XEIET 132	Solar Cells	Photovoltaic cells (also known as solar cells) are used to generate electricity in residential, commercial, utility and off-grid sectors. The latest advances in photovoltaic technology provide a fascinating discovery of how solar cells work. This course compares silicon, cadmium telluride, copper indium gallium selenide, gallium arsenide, organic, dye-sensitized and multifunction solar cells.
XEIET 135	Past, Present and Future of Fossil Fuels	It is a period of rapid transformation for the energy world. Global warming, resulting from burning fossil fuels, requires us to decarbonize the entire energy system while sustaining economic growth, reducing the environmental impacts of energy development, conforming to societally acceptable modes of energy production, and respecting the needs of nations for energy security. This course reviews the historical importance of fossil fuels, current shale gas and tight oil revolutions, and the opportunity for vast quantities of natural gas to play a critical role as a 'bridge' fuel toward a low-carbon future.
XEIET 137	Smart Grid: Sensing, Data Analytics and Control	Many countries set aggressive goals to reduce greenhouse gas emissions, and renewable energy production has increased exponentially as a result. Yet renewable energies are extremely variable, making it hard to predict how much power they will produce at any given time. Smart grids counteract variability by providing more accurate information, more refined control, and tighter feedback. This course teaches the fundamental components of smart grids including sensing, data analytics and control. Learn how to optimize smart grids so they are cost effective and efficient, how to increase grid reliability, and how to measure performance through data analytics. Explore how monitoring and modeling can improve forecasting and provide critical data for decision making. Develop an understanding of the information and communications technology that enable the expanding field of smart grids.
XEIET 140	Nuclear Energy - Why, How and Prospects	Is nuclear energy experiencing a renaissance or taking its last breaths? As global demand for energy increases, cost-effective, environmentally friendly sources of energy are increasingly sought after. Where does nuclear energy fit into the world's energy portfolio? In this course you will learn the fundamentals of nuclear technology and advances that could impact future use. Explore issues of cost, safety and waste disposal as well as the influence of politics. Compare energy sources and their impact on global warming, and assess the role nuclear energy has played and could play in meeting our energy needs. Learn how the international community is responding to the challenges and opportunities in this evolving field and the science behind tomorrow's nuclear reactors.
XEIET 200	Planning for a Sustainable Future with Wind, Water and the Sun	Global warming, air pollution, and energy insecurity are three of the most significant problems facing the world today. Solutions to these problems invariably require a large-scale conversion of our energy infrastructure. This course will provide you with proven methods and techniques to develop and evaluate strategies for changing the infrastructure at the local, regional, and global levels to provide a healthy and sustainable future.

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XEIET 201	Economics of Competing Energy Technologies	While the debate over global warming continues, there's increasing recognition around the world of the need to reduce our collective carbon footprint. Yet disagreement remains over the benefits of renewable energies versus traditional sources like coal, natural gas and oil. Business leaders, policy makers and the general public generally seek lower carbon energy sources but struggle to accurately determine their cost effectiveness. This course will examine the economics of competing power sources from an investor perspective. Learn how to evaluate alternative technologies that have vastly different developmental and ongoing costs. Evaluate public policy instruments including taxes, regulations, and incentives and learn how they can influence outcomes. Study real-world examples of alternative energies and the financial models that can be used to assess results. Explore the potential for future cost reductions through technological improvements.
XEIET 202	Behaviorally Informed Design for Energy Conservation	Changing the behavior and practices of energy users can be just as important as finding new sources of energy. It requires an understanding of community-based social marketing, psychology and behavioral economics for successful public action and support. This course covers strategies for designing and implementing effective behavior change programs for promoting environmental sustainability using innovation and design decision frameworks.
XIATA 110	Air Transport Fundamentals	This course will provide you with an overview of the air transportation system that illustrates the interdependence among its components: Airlines, Airports, Civil Aviation Authorities and Air Navigation Services. Topics include an overview of the air transport system, aviation law, the role and function of World Aviation Organisations, Civil Aviation Authorities (CAAs), airlines, airports, Air Navigation Services (ANS) Providers, impact of technology on air transportation, and the future of air transportation.
XSDR 223	Ethical Decision Making	Every day in life and work we're confronted with small ethical decisions—and most of us accept that sometimes we'll do the right thing and other times we'll have 'harmless' lapses. We have all asked ourselves, "What's the harm?" when we make small ethical compromises for "good" reasons: We lie to a customer because our boss asked us to. We exaggerate our accomplishments on our résumé to get an interview or inflate our sales numbers to impress a potential client. We get comfortable with transgressions. Temptation blindsides us. And we make snap decisions we later regret. Minor ethical lapses may seem harmless, but they instill in us a hard-to-break habit of distorted thinking. We make up the rules as we go. We lose control of our decisions, fall victim to the temptations and pressures of our situations, taint our characters, and sour business and personal relationships. Packed with real-life examples ranging from analyzing personal transgressions to evaluating the impact of our decisions on other individuals and/or the environment, this course develops practical tools to respond skillfully to life's inevitable ethical challenges. This includes skillful decision-making in both work and life, as well as how to overcome lying, deception, insincere promises, inappropriate secrets and other temptations. Not only can you make right decisions, you can acquire new habits that will allow you to draw clear ethical lines to consistently guide right action. We all yearn to realize the best in ourselves. What confidence can we have that we are succeeding if we feel uncertain about whether we are handling ethical decision-making the right way? By developing new thinking habits, we learn how to respond intelligently to ethical challenges and live lives of meaning and integrity.

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EGL 82 W	Writing the Wild: Nature and Outdoor Writing	Nature and the natural world have inspired much of the most insightful writing about American life, from Henry David Thoreau to Cheryl Strayed. Our finest voices have gone to find themselves in the natural world, or sought refuge there, or grappled for clarity about the messy life they separated themselves from. This course is for writers interested in the reflective and explorative possibilities of the natural world. A great essay can find as much meaning from an hour in the garden as from a hike up K2. Through readings by John Muir, Edward Abbey, Cheryl Strayed, Cormac McCarthy, Terry Tempest Williams, and Wallace Stegner, we will consider fundamental questions of writing about nature: What is the connection between our “normal” life and our life in the outdoors? Is nature sacred? We will examine the role writing about nature plays in engaging environmental, social, and political issues, and then turn to our own work, learning techniques to connect a reader’s senses to the world of the wild. Then, we will workshop a longer piece with the goal of creating a deeply layered, original piece of polished prose, informed by the tradition of writing about nature. Finally, we will survey publications interested in conservation, adventure travel, and essays on the natural world.
BIO 102 W	Immune Health Basics	What does it mean when a product claims that it supports immune health or promises to “boost immunity”? We hear these claims frequently, but what is required for good immune health, and can we really modulate the immune system to our advantage? In this online course, we will explore the complex and dynamic workings of the human immune system. You will be introduced to the basic biology of the immune system, the cornerstone to understanding your immune health. We will pay special attention to the impact our environment has on our immune system, and we will take a close look at what current research tells us about improving our immune health by improving the environment we are in.
BUS 20	Building a Successful Business with the Internet of Things	The Internet of Things (IoT) connects everyday objects such as thermostats, lights, baby monitors, security alarms, garage doors, and T-shirts to the Internet and provides a mobile interface to manage them. For example, fitness trackers have become part of the dress code for men and women alike, tracking health and exercise patterns and empowering us to take charge of our health while disrupting the healthcare industry. Connected objects are creating a big shift in consumer behavior and causing disruptions in existing markets. The transformative power of mobile and the IoT will impact companies’ revenue, new user growth, and opportunities to innovate. This course will take a case study approach and allow entrepreneurs and product managers to tap into mobile and IoT disruptions to build their product and business strategies. Students will learn a new framework to design mobile and IoT products, understand the right data to collect for multiscreen experiences, and learn how to apply this data to build the product roadmap and develop the marketing channels that will inform the overall business strategy. At the end of the course, students will have the opportunity to present a case study to apply their learning.

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FLM 16	Camera as Witness: Politics, Culture, and the Power of Documentary Filmmaking	<p>This course offers a unique chance to become familiar with global political and cultural issues, understand the aesthetic capacities of documentary filmmaking, and view films that are rarely screened. Honoring themes of tragedy and triumph and the transformative power of art, the course will present films ranging from Academy Award-nominated Genghis Blues to documentaries dealing with obstacles of language and ideology such as in A Dream in Hanoi. The course will also cover Sierra Leone’s Refugee All Stars, a film that chronicles a band over three years, from Guinean refugee camps back to war-ravaged Sierra Leone; Sing Your Song, an up-close look at a great American musician and champion for worldwide human rights, Harry Belafonte; The Dancing Boys of Afghanistan, an award-winning documentary that spotlights the disturbing sex trade of Afghan boys; and Missing in Tibet, a film about Tibetan-born Ngawang Choephel, who was sentenced to eighteen years in prison by Chinese authorities.</p>
FTB 102	Inside College Football: Competition, Commerce, and Controversy	<p>Over the past twenty-five years, college football has become the fastest-growing sport in America. It’s now the second most-watched spectator sport in the United States—second only to the NFL, but well ahead of the NBA and Major League Baseball in ratings. Crowds, revenues, and TV ratings have skyrocketed as the sport has expanded from a regional enterprise into a national, multi-billion-dollar phenomenon. The game is now played almost every night of the week and televised on dozens of national, regional, and conference networks. As universities, conferences, and coaches continue to rake in big dollars—all driven by the performance of student athletes—tough questions are being raised concerning player compensation and safety, as well as the game’s place in higher education. Topics will include: the rewards, challenges, and pressures of coaching big-time college football; the passion, glory, camaraderie, and time demands experienced by the players; whether athletes should be compensated for the use of their name, image, and likeness; the economics of college football and TV’s impact on the game; how the NCAA and Power Five conferences have evolved; the playoffs, bowls, and how the postseason has changed; marrying an educational mission with the commercialism of big-time football; the facilities arms race and the growing influence of sustainability; recruiting, scheduling, and the operational logistics of today’s game; how universities respond to domestic violence and other player-related abuses; and how player injuries, concussions, and safety concerns may threaten the future of the sport.</p>
HIS 154	How Food Made History	<p>This course will examine watershed moments in global history through a unique prism—the history of food. Food plays a central role in everything we do. And if you look back in time, you’ll discover that food products—like meat, wheat, coffee, and olive oil—are often integral to historical changes. Industrialization, revolution, the spread of Islam and Christianity—these historical developments were all bound up with the history of food. In this course, we will embark on a journey through global history, moving from prehistory through civilizations of antiquity, early empires of America and Asia, and European colonization in Africa and into modern times. Each week, we will look at an important historical moment and essential food product to see how food put people into movement and sometimes conflict. For example, sugar production was part and parcel of slavery in the American colonies, and later, chewing gum became synonymous with globalization in the late 19th century and after the two world wars. This course requires no prior knowledge in world history, only a healthy curiosity and a willingness to explore how history gets made by the simple things in everyday life.</p>

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<p align="center">PDV 91</p>	<p align="center">How to Think Like a Futurist: Improve Your Powers of Imagination, Invention, and Capacity for Change</p>	<p>Can you picture the three most important technologies in your life twenty years from today? Could you tell a vivid story about the single biggest challenge you'll personally face five years from now? What about the biggest challenge the world will face in fifty years? Thinking about the far-off future isn't just an exercise in intellectual curiosity. It's a practical skill that, new research reveals, has a direct neurological link to greater creativity, empathy, and optimism. In other words, futurist thinking gives you the ability to create change in your own life and the world around you, today. In this course, you'll learn essential habits for thinking about the future that will increase the power of your practical imagination. These futurist habits include counterfactual thinking (imagining how the past could have turned out differently, such as a different country winning a war); signals hunting (looking for leading-edge examples of the kind of change you want to see in the world, such as varied responses to climate change); and autobiographical forecasting. We'll discuss the scientific research that explains how each habit can have a positive impact on your life, from helping you become a more original thinker to making you a more persuasive communicator. By the end of this course, you will have the playful and practical tools you need to imagine how the world (and your life) could be very different—and to use your newfound imagination to create change today.</p>
<p align="center">POL 53</p>	<p align="center">Election 2016</p>	<p>The 2016 presidential election season has been anything but ordinary. So much in the Democratic and Republican primaries consistently defied conventional wisdom and upended the predictions of experts. It seems that the usual rules don't apply this year. Are we seeing a fundamental shift in American politics, or at least in the Republican Party? How do these new electoral dynamics relate to a host of profound and ongoing changes in the country—deep-seated political polarization, a fragmented and broken media landscape, changes in the mode of campaigning, the shrinking power of our political parties? How will history evaluate an economic recovery that has left behind a stagnating and politically seething middle class, diminished social mobility, and exacerbated inequality? What do demographic changes portend for the future, and how long-lived will the resurgence of populism prove to be? This course will attempt, with the help of experts, to make sense of an election that defies all historical precedent and to take stock of the health of American democracy, with a particular focus on the existing (and potentially) growing inequality throughout the country. Each week we will examine major topics at stake in the election and for the country: strategies and tactics in modern political campaigning, existential security threats to the United States, inequality and opportunity, tomorrow's workplace, and the future of democracy.</p>

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<p align="center">SCI 06</p>	<p align="center">Photographing Nature: Using a Camera to Study the Natural World</p>	<p>This course will utilize the idiom of photography to help students learn about nature, enhance their powers of observation, and better understand scientific concepts. The course builds upon the pioneering photographic work of Eadweard Muybridge (1830–1904), who used his camera to answer questions about human and animal locomotion. (Much of this work was funded by Leland Stanford Sr.) A secondary goal will be to discuss the grammar, syntax, composition, and style of nature photography in order to enhance the use of this medium as a form of scientific communication. Themes to be explored include change across time and space; taxonomy; habitat preservation; weather and climate change; species diversity; survival and reproductive strategies; ecological niches and co-evolution; carrying capacity and sustainability; population densities; predator/prey relationships; open-space management; and the physics of photography. We will make use of the abundance of local areas that preserve and showcase nature through optional Saturday fieldtrips to Jasper Ridge, Año Nuevo, the Stanford Dish, the Palo Alto Baylands, and the Stanford Arizona Cactus Garden. Assignments will have a photographic, a written, and an oral component.</p>
<p align="center">WSP 299</p>	<p align="center">Philanthropy in the Age of Innovation: Using Modern Tools to Get the Most Out of Giving</p>	<p>With a record \$373 billion in philanthropic donations last year and a steady influx of new donors, American giving is witnessing a golden age. The sector's growth has brought with it innovative strategies for tracking impact, greater demands for transparency, new tools for researching grants, blended business models, and increased use of social media. Nonprofits are proliferating, massive wealth is passing to a younger generation, and cutting-edge technology is reshaping the philanthropic landscape quickly and dramatically, nowhere more than in the Bay Area. Understanding these developments is crucial for practitioners—new and experienced alike—who want to contextualize, evaluate, and improve their own work. Incorporating concrete tools and resources, a variety of case studies, and a panel of experienced guest speakers, this interactive day-long seminar will give foundation trustees and staff, advisors, and nonprofit teams an in-depth look at new approaches to strategic giving and current debates in the field. We will explore smart ways to track impact, grantee-centric practices, the latest thinking on spend-out foundations, techniques for leveraging due diligence, emerging issues attracting new philanthropic attention, and high-impact nonprofit models. Participants will leave the workshop with pragmatic tools and new ideas for infusing their own practice with the latest thinking in philanthropy.</p>
<p align="center">BIO 04 W</p>	<p align="center">Inflammation and Disease</p>	<p>Inflammation is a double-edged sword. It is required to protect the body, but too much of it can create disease. Diabetes, cancer, depression, and stroke are just a few of the diseases associated with chronic inflammation. How can something that protects us from infection and helps us to repair and restore the body also be so bad for us? Chronic inflammation is associated with factors like diet, exercise, sleep habits, stress levels, and environmental factors such as climate and air quality. An intimate and complex network of communication is constantly taking place in our bodies, and our immune system is at the center of this network. Signals about what we eat, how much we weigh, and how much we exercise are all communicated through our immune system and impact our levels of inflammation. In this online course, we will take a closer look at how environmental factors and lifestyle choices affect our health through inflammation and investigate the cellular events orchestrating our healthy and unhealthy states.</p>

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DSN 112 W	Design Your Future: Design Innovation for Global Teams	<p>In these times of rapid change, successful design innovation is distributed, global, and highly collaborative. This course provides you the mindset, solutions, and tools—along with cases and stories drawn from around the world—to build a team that can work across cultures to solve problems. We will focus on the ways that leading design innovators pull together partners, customers, and diverse team members across the entire development process, from vision formation through the test and validation of new business opportunities. For part of the course, you will work in small groups to solve problems that major international organizations have posed, such as compliance, environmental impact, or increasing diversity in the workforce. In the development of solutions, you'll learn techniques in global teamwork, creativity, and design. Through the combination of short videos, readings, demonstrations, field work, and open forums with faculty, plus personal feedback, you will gain fast practice in understanding design innovation in a globally distributed environment.</p>
PHOTO 56	Landscape Photography in Yosemite: A Field Workshop	<p>Join us for a hands-on field photography workshop in Yosemite National Park in late April. This workshop will explore four different areas of the park with group shoots in the morning and afternoon. There will also be ample free time to explore other areas of the park with our cameras. Before the Yosemite excursion, we will meet twice on campus to cover the basics of landscape photography, drawing inspiration from the classic black-and-white works of Ansel Adams and the color photography of Galen Rowell. After the trip, we will meet two more times in the classroom to review student work from the weekend excursion and discuss how photography brings us closer to the natural landscape.</p>
POL 182	Refugee Crises Across the Globe	<p>The surge in refugees from Africa, the Middle East, and West Asia to Turkey and Europe is the most recent chapter in an unfolding human story of transition and adaptation. A succession of migrations globally has energized debates about a number of salient issues, including: the causes of displacement; the motivations of those seeking safe haven; the risks for vulnerable people when official channels for moving to safer situations are restricted; the political, legal, and practical complexities for governments receiving large numbers of asylum seekers; and, what constitutes a humanitarian response and how to share these responsibilities. This course introduces students to key concepts and institutions governing the international legal and humanitarian system with respect to refugees. Against this backdrop, we will delve into the causes of migrations currently taking place; the discourses, conflicts, and policies in relation to them; and the implications and impact of various approaches. Using a variety of aesthetic and academic materials, including witness narratives, documentary, photography, reportage, academic research, and policy briefs, we will weave together the human experience and the processes shaping events.</p>

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POL 184	A New American President: A New American Foreign Policy	<p>This course will examine the prospects for change in American foreign policy as the new Trump presidency begins to take shape. We will begin by exploring the history of presidential transitions as they apply to America's international relations. What did the foreign policy transitions at the beginning of the Obama and George W. Bush administrations look like? What do the changes so far in the very first months of the new administration seem to be portending? Who are the key leaders on the foreign policy team, and what are their views and credentials in international affairs? Importantly, how does the history of American foreign policy impact the ability of the new administration to carve out its own distinctive directions? We will then examine the most challenging problems that the new foreign policy team will need to address: an aggressive, Putin-driven, Russian foreign policy; a fast-rising and powerful China vying for power in Asia and international superpower status; the seemingly endless turmoil in the Middle East, especially the continuing and complex conflicts in Syria, Iraq, and Afghanistan; the Palestinian/Israeli troubles; the problems of migration and international terror; compliance with the international Paris agreement on climate change; and finally, our often-tense relations with our allies in Europe and elsewhere.</p>
SOC 11	Technology for Social Good	<p>Digital tools are changing how we volunteer our time, donate our money, and work together to help other people. In the last few years, disaster response organizations have become reliant on global volunteer corps using their smartphones to guide responders. Humanitarian organizations now use tweets and online video to identify war criminals, and communities use remote cell signals to monitor water pumps. We are beginning to use these digital tools to imagine new strategies for addressing age-old challenges of hunger, poverty, and injustice. This course will consider digital technologies being used for social good across many domains, from education to healthcare, environmental monitoring to poverty alleviation. Technologies we will look at include data mining, crowdfunding platforms, drones, satellite imagery, and mobile payments. The course will focus on discerning what these different examples have in common, what leads to their success, and where there may be opportunities for the next innovation. We will also consider the context in which digital technologies can be most valuable, and zero in on the organizational and social settings that shape successful implementation of digital interventions. The emerging fields of digital data ethics, privacy rights, and data philanthropy will also be discussed.</p>
WSP 46	Building a Career of Meaning and Impact	<p>You spend more than half of your life at work. And you want your time to matter and your work to make an impact, whether through direct human support or broader efforts in areas such as social justice or sustainability. So, how do you do more of the activities that energize you? How can you develop a career that plays to your unique strengths and honors your priorities? In this interactive workshop, you will participate in individual and small-group exercises that will help you articulate your values, strengths, and priorities—who you are and what matters to you. You will spend time envisioning your desired future and explore the limiting beliefs that impede you from realizing that vision. You will learn three key strategies to test your options, allowing you to take action immediately and move toward more fulfillment and greater positive impact. You can expect to leave this workshop with a framework and insights, a connection to others on a similar path, and a renewed conviction to building a career of meaning and impact.</p>



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<p>BUS 160 W</p>	<p>Leadership Skills for Women in the Workplace: How to Aim High and Achieve Impact</p>	<p>In today's workplace, women are underrepresented in many key fields and positions. Studies show that women hold just 20 percent of board seats and make up only 4.6 percent of S&amp;P 500 CEOs. And an astounding 56 percent of women in technology leave the industry within ten years, largely because they face an inhospitable work culture or lack support. This course is designed to help women develop a leadership toolkit that lets them strategically re-engage with their careers and achieve long-term professional growth and satisfaction. Specifically, the course will help students cultivate a proactive and authentic leadership style by learning how to negotiate effectively, showcase their performance, advocate for themselves, and build strong relationships with key people across their organizations. In addition, students will discover how to leverage their individual strengths so they can serve as changemakers and positively influence their teams and overall work environment. Designed for women, or anyone concerned with addressing the imbalances mentioned above, this course will feature real-world case studies, interactive assignments, guest speakers, and online discussion. Students will come away from this course with highly actionable and practical tools that will help them grow into leadership positions in their given fields.</p>
<p>WSP 246 A</p>	<p>Women Leaders: Mastering Organizational Strategy</p>	<p>Crafting an individual leadership style is essential to earning a seat at the table. From this seat of power, you'll be able to steer organizational decisions. This workshop takes your leadership competencies to the next level, enabling you to impact organizational strategy and execution. In this highly interactive two-day workshop, you will learn to address the unique challenges women leaders face. We will focus on designing and refining your leadership style signature, developing tools for coaching yourself and others, expanding your leadership presence, and enhancing strategic thinking around managing difficult conversations. Academic research on gender biases, especially unintentional ones, will be discussed, and tools will be provided for addressing gender bias. A robust structure of lecture, role-play, coaching techniques, and experiential exercises will provide the practice necessary to create new leadership approaches.</p>
<p>WSP 246 B</p>	<p>Women Leaders: Mastering Organizational Strategy</p>	<p>Women leaders face unique challenges. Although women hold more than 50 percent of middle management positions, only 4.2 percent of CEOs in Fortune 500 companies are women. Developing strong leadership skills, especially in the areas of resilience, influence, networking, self-promotion, and risk taking, will better equip women to address these challenges and thrive as leaders in the workplace. This highly interactive two-day workshop is designed to enable women to step into leadership roles and lead effectively. We will focus on finding the meaning that will inspire you in your career, and learning tools that will enable you to reframe obstacles and work toward solutions. You will enlist sponsorship and followership by building meaningful networks. And, you will develop a communication style to take ownership of your accomplishments. Utilizing a robust structure of lecture, role-play, experiential exercises, and coaching techniques, this course draws upon content from cutting-edge female leadership models.</p>

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<p align="center">WSP 281</p>	<p align="center">Wine and Geology in Napa Valley: A Weekend Exploration</p>	<p>Soil is only the top layer of what winemakers call terroir. Millions of years of geologic upheavals have contributed to the unique properties of each wine region of the world. In this unique hands-on exploration of the relationship of geology and wine, we will spend a weekend in Napa Valley exploring the connection between wines and their terroir—the complete natural environment in which a wine is produced. We will see for ourselves how the geologic history of the land—along with the grapes, their viticulture, the climate, and the winemaker’s skills—is crucial to the characteristics of wines. Though geology and terroir will be a focus of the workshop, no previous knowledge of either is necessary to understand the stories of deep-sea sediments, volcanic eruptions, uplifted mountains, earthquake faulting, gigantic mega-landslides, and torrential flooding—all active players in the making of the modern Napa Valley. Participants will explore a cross-section of the Oakville American Viticultural Appellation (AVA), located in the heart of Napa Valley, including four private tastings to see how the earth and the wine compare and contrast from place to place. In essence, we will bring the geology to the wine and the wine to the geology.</p>
<p align="center">GEO 03 W</p>	<p align="center">The Geology and Wines of California and France</p>	<p>This course is designed for curious people who enjoy wine, especially wine from California and France, and would like to learn more about it. We will examine the connection between wines and their terroir—the complete natural environment in which a wine is produced—and learn why “place” and its geologic history—along with the grapes, their viticulture, the climate, and the winemaker’s skills—are all crucial to the characteristics of wines. We will explore the geologic setting of wine regions in California and France and, with comparative tastings, form the basis for understanding why certain grapes seem to prosper and others do not. As we delve into the geologic history of wine country, we will also learn about the geography, the wines, the names, and the history of numerous wine regions in California and France. By the end of the course, we will have gained a better understanding of why wines are a reflection of “place” and have firsthand knowledge of many of the tastes that result.</p>
<p align="center">BUS 145</p>	<p align="center">Product Management for the Internet of Things</p>	<p>By 2020, it is estimated that 50 billion devices—from smartphones to kitchen appliances and well beyond—will be connected to the Internet, providing data to both individuals and organizations about user behaviors, from acting sustainably to increasing knowledge to ensuring safety. This phenomenon is known as the Internet of Things (IoT). With this kind of explosive growth, consumer and industrial companies alike are seeking a new breed of business and technology professionals who can make the unique strategic decisions that IoT products require, and manage the added complexity and risk that IoT products present. In this course, you will learn how to successfully create and manage products for IoT from a business and technology perspective. First, we will examine the general principles of how an IoT solution works, from the devices that produce data, to the embedded software that sends data to the cloud, to the applications users interact with. You will learn a step-by-step strategic framework for making IoT product decisions related to business strategy, user experience, technology, data, security, and industry regulation. Throughout the course, you will work in teams to gain hands-on experience using this framework as we apply it to real-world IoT situations. Whether you have a business, technology, or design background, this course will provide a well-rounded overview of what it takes to build products in the era of the IoT.</p>

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PHOTO 226	Travel Photography: Around the Corner and Around the World	<p>This course will explore how to translate the fundamentals of photography into work that conveys a sense of place. We will discuss how to create expressive landscapes, environmental portraiture, and photographic essays that reveal your unique impression of a destination. You will learn how to do preparatory research, select and pack equipment appropriate for your destination, improvise on the road, anticipate action, and apply familiar rules of composition to unfamiliar scenes. Additionally, you will explore how different focal lenses portray scenes in different ways, and how shutter speeds and apertures can be used to create your unique interpretation of time and space. You will learn how to use people or other elements to show scale; photograph in low light; capture action and activity; and make images from different perspectives that may help capture the destination's true impact on you.</p>
BUS 153	Managing the Human Supply Chain	<p>Many companies have molded great technologies into breakthrough products with elegant launch strategies, but something is often missing. And that something is frequently the alignment of the people practices with those elegant strategies within the reality of the day-to-day business. This course will be helpful for anyone with people responsibilities who wants to bring out the very best in their people at every point along the human supply chain. The human supply chain represents every touchpoint along the employment lifecycle. Every time we “touch” an employee, for example when we do a performance review or offer a training opportunity, we are appreciating or depreciating this critical human asset. This course will help you understand core people practices and how to remediate most of the common failure points. Examples of the topics to be discussed include how to acquire the right talent with a thoroughly researched approach to interviewing, in order to avoid the shocking failure rate of experienced hires (between 50 percent and 85 percent); the fundamentals of compensation and why we may be rewarding people in all the wrong ways; and what managers need to understand about people development. We will examine why so many companies fail to effectively measure their single biggest investment, how the employee experience may soon be more salient than employee engagement, the intrinsic benefits of diversity, performance management, and how to inspire and lead. The course will be a combination of lecture, role-play, and team exercises.</p>

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<p align="center">BUS 233</p>	<p align="center">Using Design Thinking and Innovation Techniques to Change Your Organization</p>	<p>In today's marketplace, businesses that innovate well survive and thrive. Even more importantly, companies that harness the creativity of their own employees are reaping huge rewards in the innovation game, allowing them to have significant positive impact on the world around them in addition to achieving business success. Equipping employees with the tools of design thinking—a method for pragmatic, creative resolution of problems and identification of new solutions—is key. The practical techniques of design thinking are essential for business leaders, product managers, and development teams, whether they are working to create new campaigns or products, refining internal processes, creating better experiences for customers, or supporting corporate social responsibility. In this experiential course, you will learn design thinking and innovation tools that anyone can use, as well as methods for inspiring your peers to more innovative thinking. We will cover proven processes for engaging with customers and turning that research into insights that can be converted into actionable innovations. Techniques like rapid brainstorming and empathy mapping will help you uncover areas ripe for innovation and identify uniquely suited solutions. By the end of the course, you will have the tools and techniques for increasing your personal and group effectiveness and transitioning a team toward a desired future state. As the person who brings these tools to your organization, you will have the opportunity to change how your company thinks, acts, and innovates.</p>
<p align="center">HIS 66</p>	<p align="center">The Origins of Democratic Society: Europe and America in the Modern Age</p>	<p>As Toqueville predicted, in the modern world, democracy has come to dominate our political imagination. With few exceptions, every government claims to represent the popular will; every society aspires to promote those principles of equality that Tocqueville believed were at the heart of democracy's brightest promise and its deepest problems. Yet few if any of those societies can claim to have fully realized democracy's promise—and some are even questioning its viability. This course will probe the factors that have both facilitated and frustrated democracy over the last two centuries, and will explore the hopes as well as the fears that are invested in its future. In a series of five class sessions, David Kennedy and James Sheehan will examine the epic struggles by Europeans and Americans to realize the democratic ideal. They will analyze the 18th-century revolutions in America and France with which the history of modern democracy begins. They will consider the crucial relationship between equality and democracy: Can popular government coexist with deep social and economic inequalities? They will also look at the problem of race. Issues of racial justice once almost destroyed the democratic project in Abraham Lincoln's era, and even today challenge the integrity and viability of American democracy. In Europe, ethnic conflicts have both inspired and divided democratic movements—never more urgently than now, in the context of mass refugee migrations, raising unsettling questions about the sustainability of democracy in multinational societies. Gender, like race and ethnicity, poses similar questions about how to balance equality and difference. In lectures on the status of women in modern society, Kennedy and Sheehan will examine the historic American and European battles for women's rights and their relationship to changing patterns of work and family life. Finally, they will turn their attention to the role of democracy in the international system, explaining how the principle of national self-determination, so boldly championed by Woodrow Wilson, has become the source of both stability and conflict in the world of nations.</p>

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<p align="center">HIS 97</p>	<p align="center">The History of Feminism in the United States</p>	<p>United States history has witnessed three feminist movements. The First-Wave began with the Seneca Falls Convention in 1848 and lasted until the winning of women's suffrage in 1920. The Second-Wave started in the early 1960s with the publication of Betty Friedan's <i>The Feminine Mystique</i> and ended with the defeat of the Equal Rights Amendment in the early 1980s and the splintering of the movement. And finally, Third-Wave feminism started in the early 1990s with Anita Hill's accusations of sexual harassment against Supreme Court nominee Clarence Thomas, and continues today. What historical conditions gave rise to each movement? What constellation of ideas shaped these different waves of American feminism? How did the social status and racial composition as well as the sexual orientation of activists change each subsequent feminist movement? How did the diversity of feminists change the scope and agenda of each women's movement? And what historical impact did each movement have? In this course, we will begin by reading selections from classic feminist theory such as Mary Wollstonecraft's "A Vindication of the Rights of Woman", John Stuart Mill's "The Subjection of Women," and Simone deBeauvoir's "The Second Sex," and the more recent (1989) book by Susan Moller Okin, "Justice, Gender, and the Family." And we will explore how these political theories and changing historical conditions stimulated and defined feminism in the United States.</p>
<p align="center">PDV 39 W</p>	<p align="center">The Seven Dimensions of Wellness</p>	<p>There is no one key to sustaining or achieving an overall healthy lifestyle. That is because wellness is a multifaceted affair, and healthy living is the product of the choices we make across seven dimensions: (1) physical, (2) intellectual, (3) emotional, (4) social, (5) spiritual, (6) occupational, and (7) environmental. In this course, we will unlock the science behind the seven dimensions of wellness. Initially, we will explore the relationship between biology and wellness, showing how choices in our lives affect our DNA. Then, we will discuss the seven dimensions, covering one each week. Students will discover how healthy habits (such as exercise and smart food choices) contribute to an important level of physical wellness. They will also see how wellness goes beyond the purely physical and into other realms. Emotional wellness (the capacity to understand ourselves and share feelings of anger, fear, hope, and love); social wellness (the ability to connect with other people); occupational wellness (the ability to get personal fulfillment from our jobs or our chosen career fields)—these other forms of wellness also contribute to an integrated sense of well-being.</p>

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<p align="center">SCI 48</p>	<p align="center">An Introduction to Artificial Intelligence: How Neuroscience Is Creating Smarter Technologies</p>	<p>The age of artificial intelligence (AI) is undoubtedly here. In 2015 alone, more than \$10 billion of investment went into developing “smarter” computer systems that use neuroscience (artificial neural networks and computational technique) to perform tasks that require high-level intellect, including visual perception, speech recognition, and autonomous decision-making. The self-driving car is but one highly visible example. Even the automated customer service representative on the phone is artificial intelligence at work. In this course, students will look at the neuroscience concepts and techniques that underpin artificial intelligence and the design of intelligent computer systems. Once we understand these essential concepts and techniques, we will see how scientists and programmers build artificial intelligence platforms and applications. This includes a discussion of artificial neural networks and machine learning. Speakers from academia, industry, and AI startups will be invited to discuss their innovations and new AI technologies. Lastly, we will begin to explore the ethics of artificial intelligence and the challenging questions we will soon be forced, as a society, to address, as well as the positive and negative consequences of AI on the society and the environment. By the end of the course, students will have a basic understanding of artificial intelligence and its roots in neuroscience, and how AI contributes to existing and new technologies.</p>
<p align="center">SPT 02</p>	<p align="center">Inside the Box: How Television Has Changed Sports in America</p>	<p>Television has been referred to as the monster of the sports world. TV has dramatically changed sports in America...for better or worse. More than any other single factor, it has fueled the tremendous growth, insatiable demand, and astronomical salaries that characterize sports in this country. TV is now the number one source of income for all major sports leagues in the United States, college and professional, far outstripping ticket sales, sponsorships and merchandising. All in all, TV has had such a profound effect that many believe it now controls sports in America. This course will provide an informative, entertaining, behind-the-scenes look at how TV has changed sports in the US and what other changes may be in store. Students will hear from industry insiders—national and local sports network executives, conference and team officials, announcers, and promoters—as well as media experts and economists who have observed and critiqued this national phenomenon. Topics will include: TV’s impact on the economics of professional and collegiate sports; the history of TV sports regulation in the US; the pursuit of TV rights fees and the collateral damage to conferences and traditional rivalries; how networks control scheduling, news, and celebrity; the role of regional sports networks and their effect on team policies and promotion; why conference networks succeed or fail; TV as a promotional tool in building fan bases and selling tickets, stardom, and sponsorship; “made-for-TV” rule changes; the impact of TV-controlled scheduling on student-athletes and class time; the complicated and self-serving relationships among TV networks, teams, and conferences; and the story behind the unusual game times, interruptions in play, and gimmicks that frustrate fans but meet programming and advertising needs.</p>

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SSU 45	Making Sense of the Trump Presidency: A Stanford Continuing Studies Forum	To help citizens understand the first weeks of the Trump presidency and their short- and long-term policy implications, Stanford Continuing Studies will host a forum for the community on March 11 to explore five pivotal issues with experts from Stanford and beyond. The sessions will examine Trump administration policies and actions involving national security, the environment, the media, terrorism, justice, and the courts. The day's program will feature eight distinguished faculty from across the disciplines at Stanford. The program will be hosted by Larry Diamond, from the Freeman Spogli Institute for International Studies and the Hoover Institution, and Philip Taubman, from the Center for International Security and Cooperation (CISAC).
WSP 190	California Coastal Photography: From the Monterey Peninsula to Big Sur	The California coastline stretching from Monterey to Big Sur is a natural collage of bold headlands and beaches strewn with rugged stone, brightly colored aquatic plants, and sand. For decades, the natural beauty of this place has played an important role in the evolution of modern photography, inspiring such masters as Ansel Adams, Edward Weston, and Imogen Cunningham. This workshop begins with two class meetings on the Stanford campus, where we will cover field session logistics and outdoor photography skills, including understanding light, modifying light with reflectors and flash, lens selection from wide-angle to telephoto to macro, effective composition, and digital tools. In the weekend field sessions on the Monterey Peninsula, we will sharpen our photographic skills at the famed tide pools of Point Lobos and at spots along the dramatic Highway 1 coastline between Carmel and Big Sur. With a thoughtful blend of guided and independent photography carefully choreographed with the low tides to allow for macro and wide-angle opportunities, this workshop will offer valuable resources for the novice and experienced photographer alike. After the field sessions, we will have a final class meeting to review student work and discuss the impact of the natural environment on shaping your perspectives, both actually and figuratively.
BUS 159	How to Find Success: Uncover Your Purpose and Direct Your Life	Are you having the success you wish to attain in your professional life? Knowing your purpose gives you greater focus in all you do; resulting in higher performance, meaningful impact, and increased potential to exert a positive influence on the environment and people around you. However, many of us have not seriously re-examined our core values and purpose; thus, we may lack clear direction for our efforts. This course is designed to lead you through a multifaceted exploration of your inherent core strengths that will help you to be more adaptable and effective in self-direction and professional performance. We will follow an "inside out" process where you will do the internal "excavation work" to explicitly define your current mission, driving motivators, values, strengths, needs, and voice. You will learn tools and skills for the recovery of your hidden talents that may be covered within by limiting beliefs. Based on your mission and talents, you will clarify your unique vision of success. Especially in your professional life, you will be able to confidently engage in high-pressure, highly competitive, and high-visibility situations to ensure success. You will have crucial alignment of your vision with your organization's challenges and be prepared to negotiate the unknowns of business and life with ease, agility, and peace.

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WSP 289	Drawing in the City: The Presidio	<p>Come to San Francisco for two Saturdays of drawing and sketching in the Presidio. This course will introduce you to a wonderful Bay Area resource and give you a chance to practice your drawing skills. The 1,500 acres of wooded hills and countless buildings, some dating to before the Civil War, make this a remarkable place to explore with your art. All you need is a pencil, a pen, and a sketchbook. Each morning will begin with an introduction and a demonstration. Topics will include the relevance of proportion, a brief look at perspective, and some thoughts about composition and finish. Architecture, landscape, and the important interactions between the built environment and the natural environment will be highlighted throughout the course. Students will work independently, and instruction will be on an individual basis. At the end of each drawing period, we will meet to share our work and to provide supportive comments.</p>
SSU 109	Stanford Saturday University: 2017	<p>Stanford Saturday University is a day of shared intellectual stimulation featuring some of Stanford's most engaging faculty. Sessions at this workshop include "Entangled at Catalhoyuk: How Did Humans Get Caught Up Living in Towns and Cities?", "Climate Change and the Environment," "Misled by the Map: Geography Gets Political," and "Tipping Point for Planet Earth: How Close Are We to the Edge?"</p>