MASTER OF
ENGINEERING MANAGEMENT

World-class • Top-ranked • Online

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Why a Master’s in Engineering Management?

The Master in Engineering Management is a graduate engineering program for experienced engineers from all disciplines. It provides the tools and capabilities to help engineering leaders become more effective.

This world-class degree program uses online project-based learning. Coupled with a supportive, integrated group of students and faculty, this method allows you to actively learn competitive, practical skills anywhere.

Gain skills for your career with a structure designed to fit your life.

The Master of Engineering Management program, tailored for busy working professionals like you, features:

- An online platform accessible anywhere
- Highly collaborative learning with peers from other world-class engineering organizations
- Courses immediately applicable to real-world work
- A supportive structure to keep you on track

Legacy of Success

The Master of Engineering Management program was established in 1998 as the University of Wisconsin–Madison’s first online degree program and set the school’s high standards for online education. Over the last 20 years, the program has graduated nearly 600 engineers in positions ranging from project manager to CEO.

An Award–Winning Program

The Master of Engineering Management has received several national and international awards for its highly-innovative, collaborative approach to online education. UW–Madison ranked as one of the best graduate online engineering master’s programs by U.S. News & World Report.

The program also has won major awards for exceptional quality from top organizations, including:

- United States Distance Learning Association (USDLA)
- American Distance Education Consortium
- Sloan Consortium
- University Continuing Education Association (UCEA)

Integrate Learning with Your Job

Gain knowledge that you can apply immediately. Courses are problem-based and application-oriented so you can use real projects from your work for assignments.

Master of Engineering Management students see real results:

- 96 percent of students successfully graduate from our program, thanks to strong faculty support and a flexible-cohort degree plan. This exceeds the graduation rate of many on-campus and online engineering management programs.
- 95 percent of Master in Engineering Management graduates report a considerable or extensive positive impact on their professional development and careers.
- More than 60 percent of program students obtained a promotion or salary increase before graduation, according to recent surveys of graduating students.
Become the Trusted Go-To Leader

The Master of Engineering Management program meets the specific needs of engineers who are taking on increased management and leadership roles and responsibilities.

Be proficient in:
- Organizational leadership
- Project management
- Business strategy and operations
- Data-supported analyses and decision making
- Computer-based problem solving
- Quality management
- Persuasive communications
- International engineering practices

The degree equips you with the knowledge, skills, and insight to succeed as a leader:
- Become a trusted leader driving improvements
- Inspire teams, manage resources, and deliver outstanding results
- Accelerate your career trajectory

Master of Engineering Management Compared to an MBA

For most mid-career engineers, the Master in Engineering Management is a better career move than an MBA. While you learn many of the same core concepts as an MBA student, all of your courses will be focused on the engineering field. You’ll gain both breadth of perspective and depth within engineering.

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<tr>
<th>Typical MBA Course</th>
<th>UW Master of Engineering Management Course</th>
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<td>Accounting/Economics/Finance</td>
<td>Engineering Economic Analysis and Management</td>
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<td>Leadership</td>
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<td>Business Law</td>
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<tr>
<td>International Business</td>
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Our Programs are Built to Fit Your Life

The Masters of Engineering Management courses follow a consistent rhythm to help you work with your busy schedule. Readings and recordings are assigned at the beginning of the week, and you can choose between two web conferences that best fit your busy schedule. Throughout the week you will participate in online discussions, work on individual homework, and work collaboratively with your team on projects. Every Sunday, the week’s homework is due.
Build Your Professional Network with Other Engineers from Top Firms

UW–Madison’s Engineering Management program offers highly interactive, collaborative learning with peer professionals. You’ll learn alongside experienced engineers from top organizations around the world. Students consistently say the faculty teaching in the Engineering Management program are far more accessible and responsive than instructors that students have experienced in other on-campus or online programs.

The program emphasizes group projects, which means you will be constantly interacting with your colleagues via online tools like web conferencing, online discussion forums, email, and conference calls. Problem-based assignments will engage the extensive expertise of fellow students as part of the learning experience.

Master of Engineering Management students and alumni consistently note the cohort model as the key to their success in the program. Many say they built stronger relationships in the Master of Engineering Management program than they did during their on-campus days as an undergraduate. UW Engineering Management alumni have a strong network that continues to help each other grow and advance their careers.

How it Works

Online

With interactive tools, online web conferencing, and more, the program focuses on close collaboration between instructors and students. Learn best practices in virtual teamwork and collaboration—crucial skills in an increasingly global economy. On a weekly basis, you may present to your entire class and your instructor as part of your regularly scheduled course web conferences, discuss that week’s topic in the online forum, and collaborate via conference call for a group project.

Optional Campus Residency

Each summer you have the opportunity to meet with your fellow students and instructors in residency on the UW–Madison campus. Scheduled for August, these optional on-campus sessions will conclude the summer coursework and lead you into your fall courses. During residency, you will meet your classmates and instructors face-to-face, while you dive into intensive coursework and group projects that correspond with your summer semester course. The program also brings in expert speakers—engineers with extensive experience and success in their industry. This face-to-face time builds and strengthens your ability to work effectively with fellow students via distance the rest of the year.

“The coursework is very useful. The professors are great. Working with a cohort from varying industries and backgrounds ties it altogether. Having a personal tie through residency is extremely helpful.”

Veronica Narvaez
Project Manager
Mitsubishi Caterpillar Forklift America

“Direct application of course work to students’ jobs was very important to me. Homework assignments and projects were real and students were able to immediately see their application in the real world – their real world.”

Matt Reddick,
Senior Manager, Operations Integration at Amazon Prime Now
### Top Organizations Support the Master of Engineering Management Program

Every year, the program admits students from some of the top companies in the world. The organizations listed below benefit every day from the knowledge and skills their students and alumni have brought to the table.

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<td>3M</td>
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<td>Avtron Aerospace</td>
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<td>Baxter Healthcare</td>
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<td>Boeing</td>
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<td>Caterpillar</td>
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<td>Cingular Wireless</td>
<td>Kraft</td>
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<td>CN Railroad</td>
<td>Lutron Electronics</td>
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<td>Fairbanks Morse</td>
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<td>Federal Express</td>
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<td>FermiLab</td>
<td>Monsanto</td>
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<td>GE</td>
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<td>Generac</td>
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<td>Several municipal governments</td>
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The UW–Madison College of Engineering is among the nation’s top colleges of engineering. The college is home to 44 research centers and 21 research consortia, which collaborate directly with industry and government to identify and solve key engineering challenges.

Home of the Master of Engineering Management program, the Department of Engineering Professional Development annually delivers more than 300 continuing education courses in engineering, design, operations, production, maintenance, management, and planning to more than 11,000 students. In addition to the Master of Engineering Management, the department offers seven related online degree programs. Each of these degree programs is designed to meet the needs of practicing engineers in its curriculum and format.
Real-life Student Success

Geoffrey M. Goll, PE
President
Princeton Hydro
Class of 2013

Michele Kaiser
Manager –
Supplier Quality
Deere Construction and
Forestry Division
Class of 2012

Why did you choose this program and the UW?

**Geoffrey Goll:** As a partner of my engineering firm, I needed business and management training, and this program covered all the aspects of engineering management that were essential to running my business. At this stage in life, with a family and a business, an online graduate program allowed me to obtain knowledge and a degree that would not have been possible if I had to attend in person. Madison has a high-ranking engineering program, and the Master of Engineering Management program is recognized by the university with the same benefits as on-campus graduate programs.

**Michele Kaiser:** The Master of Engineering: Engineering Management program was the right degree for me at the right time. I was 10 years out of my undergraduate education when I started, and had amassed some great work experiences both in the US and Germany. This experience gave me a perspective that allowed me to contribute significantly to the cohort. The cohort model, the two-year timeline, and the blend of technical and management education is what made this degree so appealing.

UW-Madison’s distance learning programs are consistently ranked in the top of US News & World Reports ratings, so I knew this would be serious graduate level work. I appreciated the fact that I could earn my degree while continuing to work full time, but more importantly, the fact that most of the teaching was done live via web and video conferencing, together with the cohort, made it an enriched experience. I think without that aspect, the distance learning experience could be isolating, but that was never the case at UW-Madison. Furthermore, the cohort model made it easy to stay connected with classmates and complete group projects. I made lifelong friends in this program, which was an unexpected benefit.

How has the UW Engineering Management program made a difference in your career?

**GG:** The program provided me with insight into management and leadership theory that I simply did not learn as an engineering undergraduate. It provided me with the ability to interpret and analyze corporate financial data, develop continuous improvement programs at my firm, develop methods to manage and track projects, and develop as a leader, not just a manager.

**MK:** The biggest influences for me have been technical program management and communicating technical information. In my previous role at Deere, I was a product line program manager. Without the strong impact of MEM, I would not have been as ready to tackle that tough position. I learned a lot of key skills on communicating technical information that I still apply today, and the program also enabled me to be a more effective leader of people.

Explain why and how the program fit your life.

**GG:** The curriculum is adaptable to every engineering discipline and industry area so each student can tailor the program to their particular field. The regularly scheduled classes were held at two separate times to allow for different family and work schedules. The user-friendly online interface is well organized and can be accessed anytime, anywhere.

**MK:** The flexibility of this program was one of the most important aspects of the program. I didn’t want to leave the workforce to complete my degree, and it was often difficult to fit classes in during the day. The fact that there were options to take the courses during the day or the evening was a real lifesaver for me. The one-week residency was easy to plan around since the dates were set well in advance. The instructors were very easy to work with when I had to manage any exceptions, such as changing jobs and moving to another state during the second semester.

What is the most important thing someone should know when considering applying to this program?

**GG:** It is important to understand that you will be working in a cohort environment and remain with this same group throughout the program. This provides a feeling of belonging and allows you to develop relationships that support you during demanding times. The entire faculty is dedicated to ensuring that you succeed in this program and make themselves available for individualized help as well. The program is designed for the success of each and every student.

**MK:** I really can’t say enough about the quality of the instructors in this program. Many of them were department chairs with several years of experience; others were also experienced professionals outside of academia – it was a great blend. They really understood what all of us were going through as working professionals with busy lives. I found all of the instructors to be approachable and extremely quick to respond to questions, no matter what time of day. They want you to succeed and will do everything possible to ensure that you do. Everything about this program - the students, the instructors, the courses - enable a person to become a strong leader.

I still keep in touch with classmates and professors from MEM and, even though I was a distance learning student, I feel very much a Badger at heart.

I would, without a doubt, recommend this program to others and have done so in the past. There are a few Deere students currently in the program that I recommended to check it out. It was such a positive experience for me that I’m always willing to share in the hopes that others can have the same benefit from the program that I did.
Admission Requirements

Admission requirements for the Master of Engineering Management program include:

- A BS degree from a program accredited by the Accreditation Board for Engineering and Technology (ABET) or a degree of sufficient depth in physical sciences, technology, or computer science.
- A minimum of two years’ post baccalaureate engineering experience.
- A minimum undergraduate grade-point average (GPA) of 3.00 overall or for the equivalent of the last 60 semester hours.
- Applicants whose native language is not English must have a minimum score of 243 on the Test of English as a Foreign Language (TOEFL) iBT or 580 on the PBT.

The Graduate Record Examination (GRE) is not required.

Exceptions to the standard admissions requirements are considered on an individual basis. To review your eligibility, contact the Graduate Programs Coordinator at gradadmissions@epd.wisc.edu.

Tuition and Fees

For the most current tuition and fees information, please visit go.wisc.edu/MEM.

Application Cycle

The Engineering Management program is designed for each year’s entering class to begin studies together in June. Students may also apply for entry to the program in September or January.

The admissions committee accepts applications year-round and admits on a rolling basis. Admission decisions for entry the following summer are made beginning September 1 until all spots in the incoming class are filled or May 1, whichever occurs first. Applications are considered in the order received. We recommend that you submit materials before the deadline.

“I had heard from several colleagues that they either got an MBA and never used it, or use their MBA to get a business planning job, and found they missed their engineering job. UW’s Master of Engineering Management was exactly what I was looking for—something to give me the management and leadership skills I need to move into the role within my company, but also allowed me to remain in an engineering discipline. Once my manager saw the benefits compared to an MBA, he was very enthusiastic about it as well.”

Derek Ferguson, Team Leader
Cummins Engine

Financial Aid Available

Student loans are available for this program. All students who are U.S. citizens or permanent residents are eligible to receive some level of funding from the federal Stafford loan program. These loans are available to qualified graduate students taking at least four credits during fall and spring, and two credits during summer. Visit the University of Wisconsin–Madison Office of Financial Aid at finaid.wisc.edu to learn more.
Master of Engineering Management Curriculum

Required courses include 24 credits from the following courses:

Foundations of Engineering Leadership
Develop, refine, and strengthen your effectiveness as a leader of engineering teams, projects, and organizations. Learn how to match your leadership style to your team’s focus, organization, and culture. Understand your strengths and weaknesses as a leader using proven assessment tools. You’ll also plan your leadership goals for the rest of this program and beyond.

Course topics:
- How to transition from individual contributor to team leader
- Foundational behaviors of effective leaders
- Advocacy, inquiry, and influence
- Situational leadership
- People management
- Process management
- Purposeful leadership
- Plan your leadership development path

Engineering Economic Analysis and Management
Learn how your daily decisions affect the bottom line of your organization, and understand the principles, language and organizational performance goals of financial managers and accountants. Address the financial goals and metrics of your organization in proposals and project reports so you can get approval and financial support for your projects and initiatives.

Course topics:
- Financial principles
- How to interpret financial data and accounting summaries
- Cost systems and management control
- Pricing strategies
- Budgeting and risk analysis
- Investment analysis
- Financial models and forecasts

Technical Project Management
Learn how to successfully plan, schedule, budget, and complete projects using your work projects as examples. You’ll understand how traditional project management methods can be improved with Lean principles and agile methods.

Course topics:
- Foundational project management principles
- Project selection and portfolio management
- Project initiation, scope, and structure
- Proposals and contracts
- Team leadership and management
- Project strategy and planning
- Project scheduling
- Risk assessment and management
- How to manage project value, budget, and costs
- How to allocate and manage constrained resources
- Project monitoring and control
- Project reviews and closure
- How to grow your organization’s project management maturity

Fostering and Leading Innovation
Companies and organizations prosper or die based on their ability to creatively innovate to capture opportunities and avoid obsolescence. Leaders of technical organizations need to develop vision, culture, and practices that value and drive innovation. Learn how you can help build an enterprise that values, pursues, and delivers innovative services and products.

Course topics:
- Roots of innovation
- Customer-driven innovation
- How to infuse innovation throughout the organization
- How to organize for innovation
- Incubation and assessment
- How to encourage your staff to get creative
- Case studies

Communicating Technical Information
Learn how to meaningfully connect with your audience when presenting technical information. This course is consistently rated as a game-changer by graduates who say they now are far more effective in advancing their ideas, projects, and careers. Along with assignments that support an on-the-job written project, the course incorporates weekly web conferences, discussion forums, readings, and research technique training workshops supported by UW’s library specialists.

Course topics:
- Audience analysis
- Persuasion strategies
- Professional electronic and written communication practices
- Major proposals and reports
- Technical presentations that engage audience and get results
- Modern, efficient web-based research practices

International Engineering Strategies and Operations
Learn how to improve your effectiveness and satisfaction in your work with colleagues, clients, and contractors from other cultures and countries. Using organizational (public and private sector) case studies, you will study multi-national and national engineering operations. Explore comparative regional and national engineering professional practice procedures from Africa, Asia, Europe, Latin America, the Middle East, and the Pacific Basin. This course is aimed to bring you into deeper understanding of various elements of culture related to business, avoiding the pitfalls and finding the complementary strengths that will benefit the business. Best practices, including strategy and operations, for multi-cultural organizations will be explored.

Course topics:
- The meaning and implications of culture
- The global engineering community
- Cultural norms and variations
- Strategic planning for international operations
- Application of your learning via an international strategy project
Quality Engineering and Quality Management

In this course, which is one of two courses in your final, capstone semester, you will choose a real product or process at your workplace needing improvement, and you will lead a real team there in accomplishing the needed quality improvement. Many graduates say their capstone project creates new career opportunities as their employers see clear proof of their ability to successfully lead teams and projects.

Course topics:
- Quality improvement concepts and principles
- Assessing and improving an organization’s readiness for a proposed change
- Quality management tools
- Leading successful organizational change
- Statistical methods for process improvement
- Leading a process improvement project and team at your workplace

Connected Learning Essentials

Learn how to succeed in an online learning environment, and how to collaborate and network with others in the program and on the job. The practices you learn will improve your leadership of networked, distributed teams in your professional work.

Course topics:
- UW–Madison’s learning environment & digital communication
- How to use learning tools and technologies
- Tools for communication and collaboration
- Tools and strategies to find, share, secure, and organize information
- Managing roles and responsibilities to succeed as a distance learner
- Increasing effectiveness in the networked world
- Your plan for success

Applied Leadership and Management of Engineering Organizations

This course, along with Quality Management and Quality Management, form your capstone semester. Assess your styles, beliefs, and past experiences with leadership and management to better understand your personal approach as a technical leader. You will gain important insights and strategies for effectively leading change, teams, and organizations that will prove immediately valuable as you lead your capstone project team.

Course topics:
- Traditional and contemporary models of leadership and management
- Organizational culture and qualities of successful engineering organizations
- Motivation and the meaning of work
- Employee engagement and development
- Group dynamics and leading teams
- Emotional intelligence
- Organizational change and overcoming obstacles
- Building systems and practices that sustain excellence within engineering organizations
Master of Engineering Management Curriculum

Choose six credits from the following electives. Other appropriate electives may be selected upon approval by the program director.

Marketing for Technical Professionals
Most technical professionals are involved in some direct or indirect aspect of marketing of services or products to external or internal customers. The overall goal of this course is help you to develop an in-depth understanding of marketing, so you can more effectively partner with marketers, get buy-in from upper management, better market your own ideas, and better serve corporate clients.

Course topics:
- Understanding customer value
- Organizational marketing strategy
- Managing marketing information and market research
- Consumer and business buyer behavior
- Market segmentation, targeting, and positioning
- Product and service branding
- New product development and product life stages
- Pricing strategies
- Marketing channels and communications
- Global markets

Length of Program
Most Master of Engineering Management students complete the program in two years, beginning their studies in June, with the recommended summer semester launch for new students, and graduating in May two years later. Students who need or want to complete the program at a slower pace have the option of selecting a three-year completion plan.

Program curriculum evolves to meet student needs. Check program web site or contact the program director to verify current offerings and schedule.

Engineering Problem Solving with Computers
Expand your ability to use computer-based methods to conduct engineering analyses. Learn how to solve linear and nonlinear systems, optimization techniques, and systems of differential equations that govern many engineering problems. Select a work project to try these advanced computer-enhanced practices using programs like MATLAB and Excel.

Course topics:
- Solution techniques for various engineering problems
- How to select appropriate computational tools
- How to create graphical interfaces and using macros
- Regression analysis
- Optimization
- Databases
- Monte Carlo techniques

Engineering Applications of Statistics
Make better, data-driven decisions using statistical analysis. Students say this is the course that finally helps them understand and meaningfully apply statistics. In your course project, you'll design and execute a physical experiment, and present the results.

Course topics:
- Tracking down variation, descriptive statistics, and a start with statistical software
- Probability distributions, sample size effects, and confidence intervals
- Experiment design
- Measurement capability, variance components, and gage R&R
- Regression analysis
- Other types of data: skewness, proportions, and counts
- Process capability metrics, data transformation, and response surface methodology

Engineering Law
All engineering is performed in a legal infrastructure, so effective engineers need to learn how legal tools work and how to best use them in their careers. Increase your understanding and become more effective in recognizing and working through important legal issues that are especially relevant to engineers and technical professionals. Your awareness and ability to properly address patents, trade secrets, contracts, and product or professional liability will increase your value to your employer, while helping to avoid unpleasant legal surprises.

Course topics:
- Understanding the legal system from an engineer’s perspective
- Patent basics including how to obtain them, how to analyze patent claims, how patents are infringed or infringement can be avoided, how to approach international patents, and understanding trade secrets and how they differ from patents
- Contact law including some key contract terms and often-encountered agreements such as non-disclosure agreements (NDAs) and employment agreements.
- Understanding and avoiding product liability and professional liability
- Interfacing with your company’s legal innovation/IP infrastructure and contractual infrastructure to become more knowledgeable and effective in interacting with them

Effective Negotiations
Negotiation is a critical competency for successful engineering managers. Learn strategies to reach win-win outcomes when negotiating with clients, customers, and colleagues.

Course topics:
- Negotiation principles and strategies
- Assessing negotiation goals and participants
- Preparing for a negotiation
- Conducting a negotiation
- Dealing with an impasse
- Moving forward after a negotiation

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Master of Engineering Management Faculty

Joe Barich, JD
Joe Barich is a Senior Lecturer at UW–Madison where he teaches Engineering Law. He has more than 20 years of experience working with engineers and their employers to successfully resolve legal issues as a practicing patent attorney, which allows him to deliver legal insights that are immediately actionable by students.

Jake Blanchard, PhD
Dr. Blanchard is the Executive Associate Dean of the College of Engineering and former chair of the Engineering Physics Department. A former recipient of the National Science Foundation’s Presidential Young Investigator Award, Dr. Blanchard has won several major awards honoring the high quality of his teaching.

Christopher G. Dakes, PhD, LEED AP
Dr. Dakes is a faculty associate in the College of Engineering at UW–Madison and the Director of Educational Innovations and Learning Design for the Wisconsin School of Business. He has worked as the director of organizational development for an architectural engineering firm and as an organizational consultant for engineering and biotechnology firms. Dr. Dakes has a PhD in socio-technical systems engineering from UW–Madison.

Conrad Fung, PhD
Dr. Fung is a UW–Madison adjunct assistant professor and a statistician in private practice. For over 30 years he has consulted in many industries, especially for chemical manufacturing, medical diagnostics, and pharmaceutical formulation development. Dr. Fung previously chaired the Statistics Division of the American Society for Quality. Dr. Fung earned his PhD in statistics at UW–Madison.

Philip Greenwood, CPA, PhD
Dr. Phil Greenwood is currently a Faculty Associate in the Master of Engineering Management program focused on strategic innovation. Additionally, Phil is a senior lecturer in entrepreneurship at the University of Wisconsin-Madison School of Business where he teaches courses in strategy, entrepreneurship and finance to undergrad, MBA, and Executive MBA students.

Steve King
Steve King is the retired Executive Director of the Center for Professional and Executive Development for the Wisconsin School of Business at the University of Wisconsin–Madison. King formerly held leadership positions with Harris Bank, Caremark, Baxter International, Hewitt Associates, and the Bank of Montreal’s Institute for Learning. King earned his MA in economics from UW–Madison.

Chuck Krueger, CPA, CGMA, CIA
Chuck Krueger is an Emeriti Associate Professor of Executive Education. Chuck is recognized for his ability to present financial concepts in a clear and practical manner. With broad industry experience, Chuck is well known for his ability to help managers use financial information for effective operational decision making. He is noted for incorporating business simulations into business acumen sessions.

Jason Lin, PhD
Dr. Lin is currently a board director of Power Solutions International, a major US gas engines producer. An engineer turned into senior manager, he has rich and diverse experiences in US and international corporations, including senior engineering leaders in Cummins, Navistar and Siemens JV, VP of Cummins-Komatsu JV (Japan), Advisor to Chairman of Weichai Power (China), President/CEO of Societe Internationale des Moteurs Baudouin (France). He graduated from UW–Madison with a PhD in Mechanical Engineering.

Mark Millard
Mark Millard is Director of Learning Design and Technologies for the Department of Engineering Professional Development at UW–Madison. Millard has published extensively on online education and educational innovation, and leads courses at UW–Madison to teach faculty effective practices for online instruction. Millard holds an MS in information science from Indiana University.
John S. Nelson, PE

John Nelson is an adjunct professor of civil and environmental engineering. John serves as Chief Technical Officer for Global Infrastructure Asset Management LLC, specializing in sustainable infrastructure investments, and as Chairman, MEP Associates LLC, a US consulting engineering firm.

Christine G. Nicometo

Christine Nicometo is nationally known and respected for her ability to teach effective communication and presentation skills to technical professionals. She has taught at Michigan Technological University, University of Minnesota (Iron Range Engineering), and Finlandia University. Nicometo’s book on technical presentations was published in 2014 by IEEE-Wiley.

Wayne Pferdehirt, PE

Wayne has served as director of the MEM program since 1998. Previously, Wayne worked in consulting engineering, at Argonne National Laboratory, and with the Army Corps of Engineers. Wayne has a B.S. in civil engineering from Carnegie-Mellon U. and an M.S. in civil engineering and regional planning from Northwestern U.
Master of Engineering Management Faculty

Jeffrey S. Russell, PhD, PE, Dist.M.ASCE, NAC, F.NSPE

Dr. Russell is Vice Provost for Lifelong Learning, Dean of Continuing Studies, Professor of Civil and Environmental Engineering, and co-founder of the Construction Engineering and Management program at UW–Madison. Over the last 25 years he has earned a reputation as a leader in lifelong learning. Dr. Russell earned his PhD in civil engineering from Purdue University.

Harold J. Steudel, PhD, PE

Dr. Steudel is an emeritus professor and former chair of the Department of Industrial and Systems Engineering (ISyE) at UW–Madison. Dr. Steudel teaches graduate courses in quality management, drawing from his 35+ years of experience in designing and implementing cutting-edge techniques to improve quality control, environmental, and manufacturing systems.

Chuck West

Chuck West is emeritus faculty associate of advanced leadership, management and sales with the UW Center for Professional and Executive Development. Chuck previously worked for Honeywell and 3M, and has provided sales and marketing consulting to numerous organizations, including Trane, GE Healthcare and John Deere. Chuck earned his MBA at UW–Madison.

Dr. Cynthia E. West, EdD

Dr. West is a lecturer for the Master’s in Engineering Management. West’s dissertation focused on instructional preferences of millennial business students. Previously, West was with Upper Iowa University and taught core marketing courses. West has corporate experience in finance and telecommunication.

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Tanya Higgins, Senior Director of Quality, Triumph Integrated Systems

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