

Master of Engineering Management

St. Cloud Campus

Experience quality:

- St. Cloud State University's MEM program is ONE of only FIVE Engineering Management programs in the country certified by the American Society for Engineering Management (ASEM). This certification guarantees quality of education and rigor of curriculum.
- After serving 4 years on the ASEM board, Graduate Director, Dr. Ben Baliga has just been elected by ASEM to serve in a four year leadership track – secretary, president elect, president and past president. We knew we had an industry leader – this kudos clearly confirms it.
- Starting in 2011 the program will serve as a venue for Associate Engineering Manager (AEM) and Professional Engineering Manager (PEM) certification examinations for the State of Minnesota. As the program is certified, upon graduation, the students from our program are automatically eligible to get the AEM certification.
- Dr. Hiral Shah has been recently elected as a Regional Director for the North Central region and will serve on the ASEM's board of directors. She is also a part of the ASEM's professional development committee.
- SCSU has won the right to host the International Conference in Engineering Management in 2013.

Build your future now!

- The faculty in the EM program have a close working relationship with local industries, providing the opportunity for projects that expose students to real world engineering and hands-on experience.
- Our entire faculty has Ph.D.'s and extensive industrial experience. Many are licensed professional engineers. Faculty expertise includes: controls and robotics, manufacturing processes, thermal sciences, automation, materials science, machine design, computer-aided design, emerging manufacturing processes, project management, manufacturing systems, quality and operations management.
- We have following student chapters on campus: ASME, ASEM, SWE and SME.

Small Investment, Large Return

- The program meets the educational needs of both full- and part-time students via flexible and varied delivery, responsive curriculum, a professionally qualified staff, an industry advisory council and appropriate research and support activities.
- Complete your degree as a full-time student in three semesters or as a part-time student in seven semesters.
- Flexible delivery options include evening courses, interactive television (ITV), delayed video, internet, or remote site locations.

Graduates from our Master of Engineering Management program are in-demand as managerial engineers and have excellent job opportunities. They have the aptitude to provide the motivational leadership necessary to develop high-performance teams in technology-based companies.

Create

"A great aspect of the MEM program is course flexibility that allowed me to select 500- and 600-level courses that would be the greatest benefit to my professional career. I was able to study the technical side of engineering management as well as take courses such as professional ethics, which gave me insight on how to deal with important ethical issues in a professional environment. I was able to complete my degree by taking classes at night. I would highly recommend this challenging, yet rewarding, degree program to anyone that has the desire to boost their career in the management, manufacturing and engineering field."

*–Josh Clymer '07
Master of Engineering Management*



The School of Graduate Studies is committed to helping students meet the cost of receiving a graduate education.

Over 200 generous graduate assistantships are awarded per year. Graduate assistants will receive a \$10,000 stipend an academic year and tuition reimbursement for eight graduate credits per semester. We also offer graduate scholarships and research grants to help offset the cost of receiving a quality SCSU education.

The St. Cloud State Distinction

- St. Cloud State University, the flagship institution in the Minnesota State Universities & Colleges System, is a well-respected university with a history of excellence since its founding in 1869.
- Our instructors are part of a consistent faculty that creates a comprehensive, convenient, and accessible learning environment. The freedom to discuss a term paper with a professor over coffee instead of an e-mail is what sets us apart.
- Over 500 experienced graduate faculty members are available to our 1,700 full and part-time graduate students. Over 10,000 students have joined SCSU alumni with a master's degree in their specific field.
- St. Cloud State University has extensive standards in achievement, seeking every accreditation obtainable and currently holding more than 30 accreditations and memberships.

Master of Engineering Management Courses

Core Courses

- EM 560. Quality Engineering, 3 credits
- EM 660. Engineering Project Management, 3 credits
- EM 663. Engineering Management, 3 credits
- EM 664. Production and Operations Management, 3 credits
- EM 632. Engineering Economy, 3 credits

Elective Courses

- MME 570. Facilities Planning and Material Handling, 3 credits
- ETS 604. Innovations and Contemporary Problems, 3 credits
- FIRE 577. Financial Management, 3 credits
- MGMT 567. Organizational Theory, 3 credits
- MGMT 570. International Business Management, 3 credits
- MGMT 584. Supply Chain Management, 3 credits
- MGMT 586. Managing for Quality, 3 credits
- EM 638. Competitive Technology Management, 3 credits
- EM 661. Industrial Financial Management, 3 credits
- EM 662. Supply Chain and Logistics Management, 3 credits
- EM 665. Organization Behavior and Performance Management, 3 credits
- MBA 627. Global Marketing Management, 3 credits
- MBA 636. Legal, Ethical, and Regulatory Environment of Business, 3 credits
- MBA 667. Organizational Behavior, 3 credits
- COMM 534. Theory and Principles of Public Relations, 3 credits
- BLAW 535. Technology and the Law, 3 credits

- Students choosing the thesis option take 9 elective credits and the 6 credit thesis course.
- Students choosing the capstone project option take 15 elective credits and the 3 credit capstone project course.

Realize Your Dream

Our graduates are employed in a variety of settings, including:

- Design Assurance Quality Engineer, St Jude Medical
- Senior Design Assurance Engineer, Cardio Vascular division, Medtronic
- Supplier quality supervisor, John Deere
- Senior SAP HR Consultant, EOS Enterprise LLC
- Quality Engineer, Vascular Solutions Inc
- Assistant CRM Manager, Verint Systems Inc
- Air Quality Permit Engineer, Minnesota Pollution Control Agency



Academic Questions

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Admission Questions

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ST. CLOUD STATE UNIVERSITY

St. Cloud State University values diversity of all kinds, including but not limited to race, religion and ethnicity (full statement at bulletin.StCloudState.edu/ugb/generalinfo/nondiscrimination.html). TTY: 1-800-627-3529 SCSU is an affirmative action/equal opportunity educator and employer. This material can be made available in an alternative format. Contact the department/agency listed above.

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