Overview
Gain the industry-specific skills you need to advance your career on the management side of engineering with a master’s in engineering management. Our master of engineering management program blends engineering processes with business elements to give you the perfect combination of management concepts and technical focus. You’ll receive practical managerial experience guided by expert faculty from Colorado State University’s renowned engineering and business colleges. When you earn your engineering management degree online, you will learn what it takes to manage engineering teams, projects, and business interfaces so you are capable of making the critical decisions for advancing product development.

The curriculum maps to the American Society of Mechanical Engineers (ASME) Knowledge Base standards, so you benefit from coursework based on professional standards and industry demand. With our master’s in engineering management program, you will master concepts in:
- Engineering project management and maintenance
- Business analysis, communication, finance, and marketing
- Systems engineering foundations and architecture
- Procurement and supply chain management

Curriculum

Engineering courses
- ENGR 501 – Foundations of Systems Engineering (3 cr.)
- ENGR 567 – Systems Engineering Architecture (3 cr.)
- MECH 501 – Engineering Project and Program Management (3 cr.)
- MECH 503 – Engineering Maintenance Process (3 cr.)
- MECH 504 – Specification and Procurement of Engineering Systems (3 cr.)
- MECH 512 – Reliability Engineering (3 cr.)
- MECH 513 – Simulation Modeling and Experimentation (3 cr.)

Business courses
- BUS 601 – Quantitative Business Analysis (2 cr.)
- BUS 625 – Organizational Communication (2 cr.)
- BUS 640 – Financial Principles and Practice (2 cr.)
- BUS 655 – Marketing Management (2 cr.)
- BUS 690A – Contemporary Issues in Business (1–2 cr.)

Contact
(970) 492-4898
online.colostate.edu/contact

Delivery
Online

Credits
30 credits

Tuition
$1,035 per credit
- Includes Student Services
- Fees assessed separately
- Financial aid is available; eligibility determined on an individual basis

Time Frame
Varies based on intensity of study and previous coursework

Completion Requirements
- A minimum of 30 credits; 21 credits of engineering courses, nine credits of business courses.
- 24 credits must be earned at Colorado State University, 21 of which must be earned after formal admission.

More Info
online.colostate.edu/degrees/engineering-management
How to Apply
Master of Engineering (M.E.) – Engineering Management Specialization

Application Deadlines
Fall semester: June 1          Spring semester: November 15

Note: Full consideration will be given to applicants who have submitted all documents on time. Applications received after the deadline will be considered only on a space-available basis.

1 Review Admission Requirements
   □ Bachelor’s degree in engineering or engineering-related field
   □ Minimum GPA of 3.0 on a 4.0 scale or first class standing*
   □ Calculus 1, 2, 3*
   □ Ordinary differential equations*
   □ Physics 1 and 2 (calculus-based)*
   □ For international students: The minimum TOEFL score for admission without condition is 80, and IELTS is 6.5.
   *If you do not meet minimum requirements, please contact meggradstudies@engr.colostate.edu to get your transcripts/credentials evaluated before formally applying for the program. Depending on academic background, students without a bachelor’s degree in mechanical engineering may also be required to take additional courses. Please use the following email subject line: ME Online – Admission Inquiry – YOUR NAME.

2 Prepare Application Materials
   Prepare the materials below and upload when you apply online.

   □ Three letters of recommendation
      Three professional recommendations are required. Recommendations should be from individuals who can accurately evaluate your skills as a student, engineer, scientist, or researcher. You will provide information about your recommenders in the online application. CSU will contact them with instructions and a link to a secure form they will submit on your behalf.

   □ Statement of purpose
      Address the following 3 items for the mechanical engineering department application:
      • Statement of purpose (maximum 700 words) - briefly describe your background, educational goals, long-term career goals, and why you would be a good fit for the program.
      • Why do you think you will succeed in this program?
      • How do you intend to be successful taking graduate level courses? (you can skip the letter of intent on the Online University Application)

   □ Resume or vita

3 Complete Online Application
   Complete the online graduate application and pay the nonrefundable application processing fee (payable online). As soon as you have completed the required information, please submit your application. You do not need to wait for transcripts to move your application forward.
      • Select “Engineering Management (M.E.) - Distance” when choosing the Program of Study.
4 Request Transcripts

- Request one official transcript of all collegiate work completed from every institution attended, whether or not you received a degree from those institutions. Transcripts from Colorado State University are not required. Official transcripts can either be mailed in or sent as e-transcripts.
- Send e-transcripts to: gradadmissions@colostate.edu
- Send paper copies to:
  Graduate Admissions
  Colorado State University – Office of Admissions
  1062 Campus Delivery
  Fort Collins, CO 80523-1062

5 Submit Test Scores (Optional)

GRE test scores are not required, but may be submitted if you feel these will strengthen your application. Submit official GRE General Test scores through the Educational Testing Service (select institution code: 4075, leave the department code blank). Scores are typically received by the University 4-6 weeks after your testing date.
- All three sections — verbal, quantitative, and analytical — must be submitted. Photocopies are not accepted.
- CSU graduates do not, generally, need to take the GRE. If you think it will strengthen your application, though, we recommend you do take it.
- A [GRE preparation course](https://www.csu.edu/) is available face-to-face and online through CSU.

Check Your Application Status

- View your application status at any time to ensure your application checklist is complete or to check on updates.
- Once your complete application, including supporting materials, is received, the department admission committee will review your application and promptly notify you of their decision.

Information for International Students

Official test scores
Colorado State University requires that proficiency in English language be demonstrated either by the TOEFL, IELTS, or PTE academic tests prior to admission. Please submit one of the official scores from the list below. Scores must be taken within two years prior to admission and submitted directly from the Educational Testing Service (select institution code: 4075).
- The minimum TOEFL score for admission without condition is 550 (paper-based), or 80 (internet-based).
- The minimum IELTS score for admission without condition is 6.5.
- The minimum PTE Academic score for admission without condition is 58.

In general, all applicants from countries in which English is not the official language, and who do not have an undergraduate degree from a country in which the official language is English (Canada, U.K., Australia, USA, New Zealand, etc.), must submit one of the official test scores from the list above.

Questions? Contact a Student Success Coach for help with your application. Call (970) 492-4898.