College of Quality and Engineering Management

Master of Engineering Management

www.cnvias.edu
California National University for Advanced Studies

Provides an online learning environment where students receive one-on-one instruction from an esteemed faculty, personalized student service, and the flexibility to achieve their lifelong learning goals while balancing career and family responsibilities.

CNU is nationally accredited by the Accrediting Commission of the Distance Education and Training Council (DETC), Washington, D.C. (WWW.DETC.ORG, 1601 18TH STREET, N.W., WASHINGTON, D.C. 20009, PHONE: (202) 234-5100).

All CNU programs are approved for veteran's benefits under the G.I. Bill and Veterans Educational Assistance Program (VEAP). If you are eligible and wish to receive tuition assistance under one of these programs, contact your local VA office or education office to receive an eligibility certificate.

California National University for Advanced Studies is approved to participate in the Voluntary Education Tuition Assistance Program administered by the Defense Activity on Non-Traditional Education Support (DANTES). Active duty military personnel and reservists should contact their education office for more information.

CNU adheres to the standards of the SOC (Servicemembers Opportunity Colleges).
The Master of Engineering Management program is a breadth degree geared to the needs of technical professionals who strive to become leaders in technology-oriented firms. The program provides the individual with the breadth of knowledge required for successful project management, and with the ability to integrate knowledge from diverse disciplines. The degree requirements include core courses, electives, and a culminating experience. Electives may be chosen to focus in one or more of the following areas: Quality Management, Business Systems, and Engineering Systems.

CNU’s Online Campus* delivers high quality academic programs with the flexibility and personalized support you need to achieve your education goals without compromising work and family responsibilities. With a computer, internet, and e-mail access, you can participate in your online classroom anytime, from anywhere.

Complete and submit assignments online. Communicate with professors in one-on-one interactions for feedback and support from an expert in the field. Engage with virtual classmates through threaded discussion forums to enrich your learning.

CNU puts you in control of your learning. With no campus visits required and 15-week trimesters starting every Friday, you can study at the time, the place, and the pace that work best for your lifestyle.

* The minimum recommended computer requirements for using CNU’s Online Campus are:

**Platform:**
- PC (Windows 2000 or XP or higher)
- Mac (10.2 or higher)

**Hardware:**
- 128 MB of RAM
- 2 GB of free disk space
- CD ROM and DVD drive
- Sound card with speakers (for courses with multimedia)
- Ethernet or Wireless network card (for high-speed Internet connection)
  - or 56K modem (for dial-up Internet connection)
- T1, DSL, Cable, or Satellite high-speed connection
- A monitor capable of at least 800x600 resolution
MEM STUDENTS WILL GAIN:

- An understanding of management concepts related to product quality.
- An appreciation of advances in computer technology relevant to the management of engineering projects.
- An ability to identify and analyze managerial and organizational informational needs, and to apply information technologies and statistical techniques and procedures, including recent and emerging developments in business decision making.
- An ability to apply behavioral principles connected with self awareness, perception, communication, motivation, productivity, group processes, organizational change, personal stress, and leadership.
- An understanding and appreciation of the multi-faceted legal, political, governmental, financial and cultural issues related to the international business environment and the development of strategies to address them.

DEGREE PROGRAM REQUIREMENTS

A Bachelor’s degree with experience in Engineering or a related field is required for admission to the MEM program. A degree is awarded upon satisfactory completion of 36 units of academic work with a cumulative GPA of 3.0 or better in the following areas:

- Standard Core: 15 units
- Electives: 18 units
- Culminating Experience: 3 units
- TOTAL: 36 units
STANDARD CORE (15 UNITS)

The set of five courses in the standard core provides a solid foundation in the concepts, skills, and analytical tools required for facing today's challenges in engineering management.

**MGT 501**  Graduate Management Theory & Practice (3 units)

**MGT 520**  Graduate Production & Management Systems Development & Analysis (3 units)

**MGT 522**  Graduate Project Management (3 units)

**ENGR 502**  Graduate Engineering Statistics (3 units)

**ENGR 503**  Graduate Total Quality Assurance Management (3 units)

**ELECTIVES (18 UNITS)**

Students in the MEM program can select electives from three subject areas: Quality Management, Business Systems, and Engineering Systems. A list of eight pre-approved courses is provided to assist students in their choice of electives. Additional graduate engineering, quality, and business courses may be submitted to the Academic Dean for approval. A complete list of graduate course offerings can be found at www.cnuas.edu.

**FIN 501**  Advanced Financial Theory and Policy (3 Units)

**IBUS 503**  Advanced International Management (3 units)

**MGT 511**  Management of Knowledge Workers (3 units)

**MGT 502**  Graduate Computers & Management Information Systems (3 units)

**MSCI 532**  Advanced Quality Control (3 units)

**MSCI 580**  Advanced Systems Modeling and Simulation (3 units)

**QAS 440**  ISO Quality Systems (3 units)

**QAS 516**  Taguchi’s Experimental Design Methods (3 units)

**CULMINATING EXPERIENCE (3 UNITS)**

**MEM 599**  Graduate Project (3 units)

The MEM Graduate Project requires a written report documenting the application of the coursework to a real-world problem. This project can be based on orientation from any of the three areas of practice in Engineering Management: Quality Management, Business Systems, or Engineering Systems.
Admissions Checklist

(PURPLE INDICATES REQUIRED)

☑ Completed Application
☑ Application Fee
☑ Admissions Essay
☑ Resume

INSTITUTIONAL

☑ Transcripts
   (all postsecondary schools attended)
☑ Tuition Assistance Forms
   (if applicable)
☑ Diplomas
☑ Test Scores
   (CLEP, PEP, DANTES, SAT, ACT, GRE, etc.)

EXPERIENTIAL

☑ Professional Licenses/Certifications
☑ Certificates of Completion
☑ Patents/Projects
☑ Honors/Awards

OTHER

☑ Workplace Supervisor’s Evaluation
☑ Letters of Recommendation
☑ Articles/Publicity

DEGREE PROGRAM

COLLEGE OF QUALITY AND ENGINEERING MANAGEMENT

BACHELOR OF QUALITY ASSURANCE SCIENCE

U.S. & CANADIAN RESIDENTS $300 PER UNIT
NON U.S. & NON CANADIAN RESIDENTS $300 PER UNIT

MASTER OF ENGINEERING MANAGEMENT

$330 PER UNIT  $330 PER UNIT

GO TO WWW.CNUAS.EDU TO APPLY ONLINE

FOR FURTHER INQUIRIES OR COMMENTS, E-MAIL: cnuadms@mail.cnuas.edu