Master of Science
in
Applied Manufacturing Engineering
Online

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Disclaimer: the content of this document is subject to change
Why UNA’s MS in Applied Manufacturing Engineering?

- **Flexible** program
- Meet the **demands of working professionals**
- Students can strengthen their **knowledge of applied engineering and technology** all while maintaining prior outside commitments
- Offers the **skills and training** in high demand by manufacturing employers

https://www.simplilearn.com/what-is-six-sigma-a-complete-overview-article

https://in.pinterest.com/pin/581879214333950338/
Who is Eligible?

- A four-year engineering degree from an ABET-accredited school
- A four-year engineering technology degree from an ABET-accredited school
- Other four-year STEM degree holders may also be eligible; contact us at mshohag@una.edu for a consultation.

https://stfrancisacademybh.org/stem/stem-icon/
Dual Enrollment for UNA Undergraduates

- Offers qualified UNA undergraduate students the opportunity to enroll in graduate coursework
- UNA undergraduates can apply *concurrently* to an undergraduate and graduate degree.
- No time conflict with your undergraduate courses
- Tuition rate is the same as the undergraduate tuition rate* – save your time and money

*Subject to change
Courses

- Platform classes in Applied Math and Programming build upon prior education.
- Manufacturing classes include:
  - Manufacturing Systems Design
  - Reliability Engineering
  - Quality Control and Six Sigma
  - Engineering Analysis and Simulation
- Choose from discipline-specific classes in:
  - 3D Modeling
  - Chemical Processes
  - Automated Manufacturing
  - Bio-Engineering
- Choose from MBA classes in:
  - Project Management
  - Team Building
  - ERP Systems

https://all3dp.com/2/best-solidworks-alternatives/

Potential Jobs

- Manufacturing Manager
- Project Manager
- ERP Manager
- Manufacturing Director
- Facilities Manager
- Maintenance Manager
- General Manager
- Safety Manager
- Process Engineer

Top industries of employment for engineers, 2016

Source: U.S. Bureau of Labor Statistics
Advising and Mentoring Support

Students get advising and mentoring support from the university’s outstanding professors

Dr. Peter Rim
Chair
Dept. of Engineering and Technology

Dr. Jonathan Sullivan
Chemical Engineering
**Course:** Advanced Applied Chemical Process Engineering

Dr. Ravi P. Gollapalli
Electrical Engineering
**Course:** Precision Control and Automated Manufacturing

Dr. Dony Pan
Mechanical Engineering
**Course:** 3D Modeling for Manufacturing Industries

Dr. Sayeed Shohag
MS Program
**Courses:** Quality Control & 6-Sigma Manufacturing Systems Design

Dr. Heejoon Park
Bio-Engineering
**Course:** Bio-Engineered Products
Tuition and Aid

● $350 per credit hour and a $50 per-credit-hour Distance Learning fee*
● Less than $13,000*
● You may take advantage of tuition reimbursement from your employer

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Contact

Department of Engineering and Technology
General Inquiries
Email: engineering@una.edu
https://www.una.edu/engineeringtechnology/graduate/index.html

Any specific question regarding our MS program
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