Engineering Education & Leadership

Vision
Engineering Education & Leadership seeks to redefine engineering education while graduating engineers with diverse technical knowledge that are prepared to take on leadership roles.

Mission
The Engineering Education & Leadership program seeks to develop deep and varied technical knowledge as well as leadership capacity by:

• Providing an open learning experience centered on project based learning and student autonomy.
• Developing a community based culture where students can feel comfortable interacting with each other as well as their professors both in and out of the classroom.
• Providing them with the opportunity to take part in experiences that transcend academics and develop skills, knowledge, and attitudes that are not taught within the classroom.
• Conducting research that improves and advances engineering education.

Chair
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Research Interests: Current research interests lie in four key domains:
  • Intersegmental Loading under Dynamic Loading Conditions
  • Ultra-low Cost Prosthetic Components
  • Musculoskeletal Modeling
  • Intelligent Control

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Programs

Master of Science

• M.S. in Engineering (http://catalog.utep.edu/grad/college-of-engineering/engineering-education-leadership/engineering-ms/)

Certificate

• Graduate Certificate in Engineering Education (https://testcatalog.utep.edu/grad/college-of-engineering/engineering-education-leadership/engineering-education-graduate-certificate/)
• Graduate Certificate in Innovation and Entrepreneurship (https://testcatalog.utep.edu/grad/college-of-engineering/engineering-education-leadership/innovation-entrepreneurship-graduate-certificate/)

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