

Next Generation Professional Engineering Program Opportunities

Dean's Industry Advisory Council

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New Economy

- Innovation
- Global Supply Chains
- Operational Excellence
- Customer-Focused
- Complex Technologies



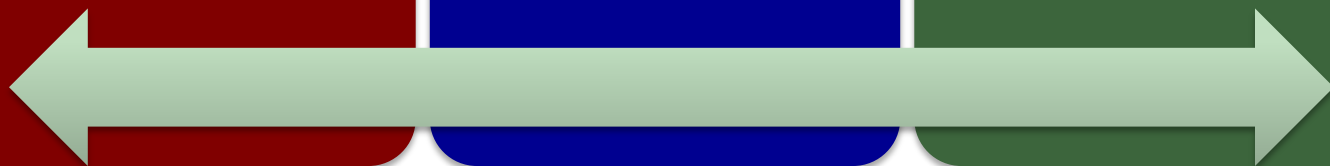
New Capabilities

- Creative Problem-Solving
- Entrepreneurship
- Flattening Organizations
- Technology-Business Tradeoffs
- Team Projects



New Educational Programs

- Professional Engineering Masters
- Technical Leadership and Management Certificates
- Experiential Learning



“Fork in the Road” Decision

- **Experienced Engineers Decision**
- **Management Track**
- **Technical Expertise Track**

Technical Leadership and Management Portfolio

- **Technical Professionals**
 - **Some Business Skills**
- **Technical Managers**
 - **Business Fundamentals + Management Skills**
- **Technical Leadership**
 - **Business Mastery + Technical Expertise**

- **Project Management**
- **Communication**
- **Team Development**
- **Global Customers & Markets**
- **Business Plan Development**
- **Financial Analysis**
- **Six Sigma and Lean Management**
- **Creativity and Innovation**
- **Product Development**
- **Strategic Planning**
- **Market Analysis**

- **Professional Masters in Engineering Degree**
 - Engineering and Business/Management/Leadership
 - Capstone Industry Project
 - 30 credit hours- both full-time and part-time
- **Technical Business Management Certificates**
 - Business Fundamentals
 - Project and Team Management
 - 12 to 15 credit hours – both full-time and part-time
- **Technical Leadership Certificates**
 - Business Management Curriculum
 - Agile Leadership Skills
 - 12 to 15 credit hours – both full-time and part-time
- **Dual Degree**
 - MBA/MSE
 - 42 business credit hours + 24 engineering credit hours

The Opportunity

Join Our Discussion On

Next Generation Professional Engineering Programs

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