A Look at the Future of the Engineering Profession

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PE Licensing Issues

- Education
- Experience
- Examination
Education

- Expanding BOK – where does it all fit?
  - MOE
  - Alternative pathways
- Continuing specialization
- PE first, then certification
- Structural engineering
- Continuing education
Experience

- Decoupling experience from PE exam
- NCEES records repository
Examination

- Computer based FE
- Computer based PE
- Examining experience
Future of Licensure

- Legislative threats
- Industrial exemption
Future of Engineering Profession

- Change Management
- Technology Impacts
- Engineering Team (health care model)
Change Management

- NSPE Task Force
- UNO Summit
- Engineering Change Lab (Canada)
Technology Impacts

- Software Engineering (Licensure?)
- Artificial Intelligence
Engineering Team

- Professional Engineer
- Engineer (non-licensed)
- Technologist
- Technician
Questions?