



College of Engineering

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Marketable skills for Civil Engineering

- Structural Engineering
- Concrete Design
- Steel Design
- Geotechnical Engineering
- Foundation Design
- Environmental Engineering
- Hydrology
- Transportation Engineering
- Intersection Design
- Cost Estimating
- Scheduling
- Cut and fill calculations
- Grading Plans
- Construction Management
- AutoCAD
- Civil 3D
- Microsoft Word and Excel
- Communication Skills
- Writing
- Planning
- Client Relations
- Ethical Problem Solving
- Leader and Follower Skills
- Public Speaking
- Critical Thinking
- Leadership
- Creative Thinking
- Negotiation
- Conflict Resolution
- Time Management
- Detail Oriented
- Water waste and Storm water design, operation, and maintenance
- Solid wastes management and operation
- Air pollution monitoring and designed
- Teamwork