



KCI Technologies, Inc.

Engineers, Planners, Environmental
Scientists, Surveyors, Construction
Managers, Subsurface Utility Engineers,
Telecommunications Engineers

KCI's Organization



KCI employs more than 1400 people operating in 36 offices. We are ranked 77th engineering Firm by ENR Magazine.

Our corporate office is located in Hunt Valley, MD.

Our local office is located in Tampa, FL

My Background

Randell Prescott, P.E., MBA

25 years experience

Clarkson University

Rider University

Specific Work Experience

- NJDOT
- Federal Highway Administration
- Florida Department of Transportation
- KCI

Mentoring Experience

- Florida Engineering Leadership Institute (FELI)
- Director of Operations – Mentored the Professional Engineering program.
- Formalized Mentoring

My Practice of Mentoring

- What do you like? Why?
- What don't you Like? Why?
- Write a pro-con sheet
- Short Term goal?
- Mid Term Goal? (Missing Skills)
- Long Term Goal? (what will set you apart?)
- Personal Mission and Vision Statement.
- Review once a year?

My Practice of Mentoring

- 4 Stages of Learning
 - Unconscious incompetence
 - Conscious Incompetence
 - Conscious Competence
 - Unconscious Competence
- Recognizing what stage you are at.
- Recognizing what stage others are at.

The Future of Transportation

- Paradigm Shift
- Transportation has not significantly changed in 50-60 years
- I foresee drastic change in the next 10-20
- Change will impact all aspects of our lives

Examples of Those Changes

- The way we work, live and commute
- Roadway standards
- Smart Cities
- Mass Transit
- Advertisement (captive audience)
- Car Manufacturing/ownership
- Risk Management - Car Insurance
- Moral implications – During the transition will be critical

Preparing for this Shift

- Identifying the skills needed
 - Upwards of 60% of the positions for entering college freshman are unknown.
- Surveying/LIDAR/
- 3D design applications
- Data storage/communications
- Engineer vs. Computer Science

Skillsets Needed

- Ability to see a bigger picture
- Communication Skills
 - Observation
 - Ability to reengage
 - Ability to see through the emotion
- Ability to solve ones own problem/conflict
- Information storage
- Skilled labor (outdoor trades)
- Logical thinking (ability or Skill?)

Summary

- Significant Change 10-20 years
- Exciting time – Huge potential
- Great need for talent! (Technical skills)
- Opportunity to be on the ground floor



Contact Us for More Information

randell.Prescott@kci.com

Questions

