Engineering Education Research to Practice (E²R²P)  
Practicing Engineer Survey

The objective of this research project is to offer a unique approach to redesign engineering courses to include research-based educational strategies that promote improved performance in the workplace. There are six items in this survey. Please answer each question relative to your organization.

1) What kind of work does your company typically assign to fresh out engineers to perform independently? (Check all that apply.)

- DESIGN small or simple parts/assemblies/systems processes  
- ANALYZE small or simple parts/assemblies/systems processes 
- DRAFT small drawings/plans/schematics 
- MANAGE small projects/teams 
- Quality Control/Assurance (In Process) 
- INTERACT with client/customer (collecting data) 

2) How long does it typically take a newly hired and graduated engineer to reach competent levels of workplace performance in your organization (i.e., they can be trusted to "fly solo")?

- Less than 6 months 
- 10-12 months 
- 1½ - 2 years 
- 6-9 months 
- 1 - 1½ years 
- Over 2 years

3) What costs and risks does your organization incur when fresh out engineers cannot perform their assigned work in ways that meet standards?

4) How does your organization typically organize groups of engineers on projects?

5) What sort of support does your organization provide fresh outs to help them reach workplace competence? (Check all that apply.)

- Formal training program(s) 
- Standard operating procedures (SOPs) 
- Company orientation program 
- Other

6) Would you and your organization be interested in learning more about our focus groups? (Please write your email address and phone number to receive additional information.)