

## **Problem Solving and Engineering**

Good engineers are not the ones who know lots of formulas, but those who can approach any problem in a consistent manner and effectively apply existing laws of math and sciences as well as community rules and regulations to create solutions adoptable to the real life environment.

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### ***Helper's Guide***

#### **How to Prepare**

Identify several potential tasks that you could suggest to the groups of explorers that cannot identify a problem, or their selection is poor.

#### **Need to Emphasize**

- You do not need to be an engineer to apply problem solving skills that most engineers use.
- Proper use of problem solving skills can relieve a lot of stress and save time in everyday life.
- Every solution is limited to given conditions that eventually may change.

#### **Related Links**

- <http://en.wikipedia.org/wiki/Engineer>
  - [http://en.wikipedia.org/wiki/Problem\\_solving](http://en.wikipedia.org/wiki/Problem_solving)
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*Viacheslav Adamchuk and Shana Thomas  
Phone: 402-472-8431  
E-mail: [vadamchuk2@unl.edu](mailto:vadamchuk2@unl.edu)  
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