



## Newsletter - February 2018

### Pending in-Depth Courses

- \*MIL-STD-882E System Safety  
February 20-22  
Air Force, Orbital ATK Attending
- Hands-On Fault Tree Analysis  
March 6-7
- \*Software Safety  
March 19-22
- \*Aviation System Safety  
April 3-5
- \*System Safety  
April 17-19
- \*MIL-STD-882E System Safety  
May 1-3

<http://www.hcrq.com/scheduled-courses.html>

\*Save on travel time and expenses, attend on-line via GoToMeeting OR book your own live on-line course at a time convenient for you.

### Dedicated Courses Currently On Our Horizon

- Union Pacific Railroad
- Sandia National Laboratories
- TÜV (Germany)

### Looking for Publications Regarding System Safety, Software Safety, Human Factors, or RAM?

Google it and append "HCRQ" to the search string.

e.g., requirements analysis HCRQ

We have been accumulating pertinent references since our inception over 30 years ago.

### Fault Tree Analysis Document Content

- Fault trees
- Minimal cut sets
- Minimal cut set analysis
- Common mode analysis
- Justification for bottom event probabilities (e.g., reliability prediction, human factors analysis, field data, expert panel)
- and more

### Speaking of Fault Trees

A fault tree is composed mostly of faults. True or false?

Answer: No. Fault trees are composed mostly of failures.

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