

REGISTER NOW!

Choose How To Register:

1. **On-line:** www.taproot.com
2. **Phone:** 865-539-2139
3. **Fax:** 865-539-4335
4. **e-Mail:** info@taproot.com



Provide the following information:

Name:

Title:

Company:

Mailing Address:

Phone:

Fax:

e-Mail:

We will contact you for payment information.

Payment required before course. Credit cards/wire transfers accepted. Checks must be in US funds on US bank. Cancellations with full refund are allowed until 30 days before the course. After that, no refunds, but substitution or transfer is allowed. If SI finds cancellation necessary, all course fees will be refunded, but no refund will be given for non-cancellable travel expenses.

2-Day Course Fee: \$1095 USD

3-Day Course Fee: \$1895 USD

1-Day Course Fee: \$995 USD (includes software)

(For 1-Day Course, must have previously attended a 2-Day or 5-Day Course). Additional \$100 discount when you sign up 3 or more at once.

Course Location / Hotel Information:

Chicago, Illinois

Sept. 15 - 16, 2009 • Sept. 15 - 17, 2009

Please visit our website
for information on hotel accommodations.

www.taproot.com

Why Your Company Should Use TapRoot® To Find Root Causes

TapRoot® is used by leading companies around the world to find and fix the root causes of accidents, incidents, near-misses, quality issues, human errors, maintenance problems, medical mistakes, productivity issues, equipment failure, environmental releases... in other words, all types of mission-critical problems.

But don't take our word for it. See what TapRoot® Users say about their success at www.taproot.com. Read the Success Stories that explain how users stopped injuries, saved lives, improved investigation effectiveness and productivity, stopped finger-pointing and blame, improved equipment reliability, and fixed operating problems that saved big \$\$\$.

Course Materials

Attendees of the complete 3-Day training receive all the materials above plus:

- The book *TapRoot®* by Paradies & Unger (\$195 value)
- The *Root Cause Tree Dictionary®* & laminated Root Cause Tree®
- TapRoot® course workbook & handouts
- Not Included:** room & travel

Those who have attended a previous 2 or 5-Day course and will only be attending the 3rd Day Equifactor® Equipment course receive:

- The book *Machinery Failure Analysis & Troubleshooting* by Bloch & Geitner (\$115 value)
- Single user copy of TapRoot® Software (a \$1495 value) (bring a laptop to the course)
- Equifactor® course workbook and handouts
- Light Bkfst/Lunch/Refreshments
- Not Included:** room & travel

Those attending ALL THREE DAYS receive everything listed above!

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POST OFFICE: ADDRESS SERVICE REQUESTED



TapRoot® 2-Day Root Cause Analysis Course

Safety Professionals
Quality Inspectors
Accident Investigators

Equifactor® 3-Day Equipment Troubleshooting & Root Cause Analysis Course

Reliability Engineers
Maintenance Managers
Maintenance Technicians

**2-DAY
TAPROOT®
INCIDENT
INVESTIGATION
& ROOT CAUSE
ANALYSIS
COURSE
Sept. 15-16**

**3-DAY
EQUIFACTOR®
EQUIPMENT
TROUBLESHOOTING
& ROOT CAUSE
ANALYSIS
COURSE
Sept. 15-17**

Chicago, Illinois



TapRoot®

*Changing the Way the
World Solves Problems*

www.taproot.com

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2-Day TapRoot® Incident Investigation & Root Cause Analysis Course

Safety Professionals, Quality Inspectors, Accident Investigators

Who should attend?

- Those who want to learn advanced root cause analysis techniques FAST.
- Investigators who want to find real root causes of problems by using a proven, systematic process.
- People tired of seeing the same problems happen again and again and who want to avoid the useless cycle of blame and cover up.
- Engineers, supervisors, and managers who want to feel confident that their corrective actions will work when they solve problems.
- Safety professionals who want to prevent injuries and save lives.
- Quality engineers who want to reduce variation and stop quality problems with advanced root cause analysis techniques.
- Healthcare professionals who want to investigate and stop medical mistakes (sentinel events).
- All professionals who want to use root cause analysis proactively to improve performance before major problems occur.



Why should you attend? This course teaches the most advanced, tested, proven root cause system that is used by industry leaders worldwide: TapRoot®. If you want to learn the techniques because you've heard about their effectiveness or if you are just curious and want to test the system, this is a fast way to gain advanced root cause analysis skills. All this for only \$1095.

Training Guarantee

Training *so good* it is *guaranteed*. Attend this course. Go back to work and use Equifactor® to troubleshoot equipment problems and TapRoot® to find the root causes that you previously would have missed and develop corrective actions that you and your management view as much more effective than those you developed in the past. If we fail on this promise, just return the course materials and software and we will refund the entire course tuition. No hassles. It's that simple.

TapRoot® Software

The patented, easy-to-use TapRoot® Software enhances the effectiveness and efficiency of investigations. It includes a drawing tool to produce presentation-quality SnapCharT's, the computerized Root Cause Tree® and electronic Tree® Dictionary, the Corrective Action Helper® Module, plus all the optional TapRoot® Tools: Safeguards Analysis, Change Analysis, Equifactor®, and CHAP. It also includes an investigation database, electronic reporting, and corrective action management. The Individual User version is normally \$1495.

2-Day Attendees – Every attendee receives a free 45-day trial version of the software with this course. Purchase the software with the 2-Day Course for only \$795.

3-Day Attendees – Attend the 3rd day of equipment troubleshooting training and receive the software for FREE!

3-Day Equipment Training Troubleshooting Course A 3rd Day of Training for Only \$100 more!



Reliability Engineers, Maintenance Managers, and Technicians

The Equifactor® Equipment troubleshooting and failure analysis system was designed by Heinz Bloch (THE equipment reliability expert). It's built upon Bloch's world-famous, *proven effective* troubleshooting tools (equipment & component troubleshooting checklists, FRET'T, & Failure Mode) in combination with SI's systematic root cause analysis process -TapRoot®- that is *used by industry leaders* worldwide. But it doesn't stop there. The course includes **software** that makes troubleshooting more efficient and lets you build and **computerize custom troubleshooting tables**.



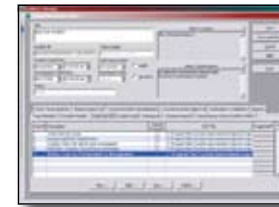
EXCEPTIONAL VALUE! Attend the 3-Day Equifactor® Equipment Troubleshooting Course for \$1895. You receive the 2-Day training, a full version of the software (together, a \$1790 value), PLUS a third day of dedicated equipment troubleshooting training. **It's like getting the third day of training for only \$100!**

Human Error & Equipment Analysis Expert System

How often does equipment break on its own? You'd be amazed at recent figures, which show that over 70% of equipment problems are a direct result of human error! Stop the cycle of "break and fix." Find and correct the actual root causes of your problems, instead of just fixing the symptoms. Together TapRoot® and Equifactor® provide a powerful one-two punch to help knock out your equipment problems faster and more reliably than ever before.

Previous TapRoot® Course Attendees Save on Special 1-Day Course

Have you attended a TapRoot® course? Then attend just the Equifactor® day of the training (Day 3) for only \$995. You will still get the **TapRoot® Software** and all the Equifactor® course materials. What a deal! To register, call **865-539-2139** or go to www.taproot.com.



Course Outline

- | | |
|--|--------------------------|
| Day 1 - Introduction | Day 2 - Quiz |
| Beginning an investigation | Proactive Improvement |
| SnapCharT® + Exercise | Communication Exercise |
| Defining Causal Factors | Safeguards Analysis |
| The Root Cause Tree® | Presenting to Management |
| Generic Causes | Getting more ROI |
| Corrective Actions | Analyze Your Example |
| Root Cause Exercise | |
| Day 3 - Equipment Troubleshooting | |
| Custom Tables | |
| Evidence Gathering | |
| Change Analysis | |
| Problem within a Problem | |
| Team Exercise | |

2-Day Course: 1.6 CEUs 2 CIH CM Pts
3-Day Course: 2.4 CEUs 3 CIH CM Pts