

# Training Update

Winter 2007



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## Our First Newsletter!

The Illinois Laborers' and Contractors Training Center is proud to present our first newsletter. We will be creating periodic newsletters to keep our union members informed on the latest training news.

# Leadership Training

## STEP

Step provides you with the tools to take your field experience to the next level. The **S**upervisor **T**raining **E**ducation **P**rogram consists of 200 hours of training divided into five modules. Each module consists of 40-hours of classroom/hands-on training. Modules must be taken in sequence.

**STEP I module:** Introduction to Construction Supervision & Communication for Construction Supervisors.

**STEP II module:** Safety & Health for Construction Supervisors.

**STEP III module:** Computer Skills for Construction Supervisors & Record keeping and Documentation for Construction Supervisors.

**STEP IV module:** Project Planning and Management for Construction Supervisors & Problem Solving for Construction Supervisors.

**STEP V module:** Introduction to Project Estimating.



“The chief goal of **STEP** is to get more Laborers into the supervisory job market and onto construction sites in leadership positions.”

-Terence M. O’Sullivan-LIUNA General President

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## Training Towards a Degree

ILCJATP students have the opportunity to use their apprenticeship training towards an Associate in Applied Science (AAS) degree at several community colleges throughout Illinois.

Recently, laborers at ILCJATP have an opportunity to earn a Bachelors Degree through Southern Illinois University Carbondale.

SIUC has three units that correspond with AAS programs that are positioned to meet the needs of the Laborer apprentice and journeyman.

1. The College of Applied Sciences offers a Bachelor of Science in Technical Resource Management.
2. The College of Engineering offers a Bachelor of Science in Industrial Technologies.
3. The College of Education and Human Services offers a Bachelor of Science in Workforce Education and Development, with a specialization in Education, Training and Development.



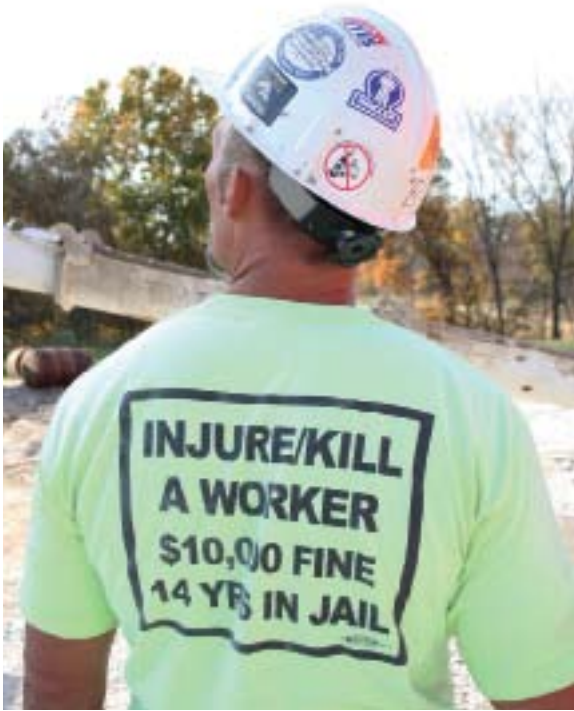
SIUC Bachelors Degree...



...an opportunity union laborers' can smile about.

# Highway Work Zone Safety Conference

January 23, 2008



The Anthony C. Romolo Training Center in Mt. Sterling, Illinois is holding The Highway Work Zone Safety Conference. The conference will be held on January 23, 2008.

The conference will include speakers from the construction industry and safety/health professionals, legislators, Department of Transportation officials, workers, their families and others who have an interest in work zone safety, and/or have been affected by a work zone accident.

The purpose of this conference is to emphasize the importance of highway work zone safety. By doing this, we hope to make work zones safer for both laborers and the traveling public.

In addition to the Conference, there will be a 16-Hour Traffic Control Supervisor course.

Prerequisites for this course include flagger training or certification and 200 hours of field experience in highway work zone related employment.

For more information regarding the 16-Hour Traffic Control Supervisor course call 217-773-2741.

## Billboard Contest

ILCJATP will also be holding a billboard contest as part of the conference.

Both Laborers' and their families are encouraged to enter a billboard design. The goal is to create a slogan and image that can be converted into a billboard for the 2008 Work Zone Safety Conference.

The winning entry will be made into a billboard for the Highway Work Zone Safety Awareness Week in Spring, 2008

Your own original design must be AT LEAST be poster board size (11" x 17"). Your entry must also be at the Training Center by January 23, 2008 at the Work Zone Safety Conference.

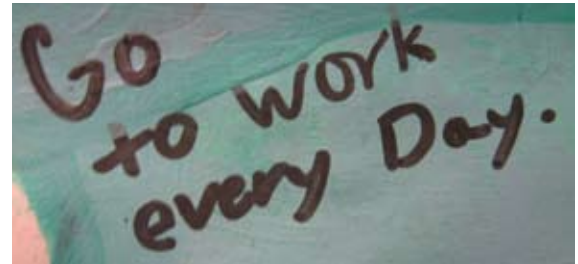
A **GRAND PRIZE** will be awarded to the winner.

You can also help judge the contest to select the design for a new billboard to be unveiled during Work Safety Awareness Week.

Every Laborers' Local is encouraged to enter a billboard design.

The winner's local union will receive a plaque honoring their member's achievement! The local union with the most posters entered will also receive a plaque.

Get your creative juices flowing and help promote highway work zone safety. Remember, you can make a difference!



# Journeyman Training Schedule

January - May 2008

Date of Class	Location	Class
Jan 7-11, 2008	Mt. Sterling	80 Hr Blueprint Reading (week 1 of 2)
Jan 7-11, 2008	Mt. Sterling	Pipeline Safety
Jan 7-11, 2008	Mt. Sterling	Symon Forms
Jan 7-11, 2008	Stanford	Construction Math
Jan 7-11, 2008	Stanford	Asbestos Worker
Jan 7-11, 2008	Marion	Construction Math
Jan 7-11, 2008	Marion	Mason Tending
Jan 14-18, 2008	Mt. Sterling	80 Hr Blueprint Reading (week 2 of 2)
Jan 14-18, 2008	Mt. Sterling	Pipeline Safety
Jan 14-18, 2008	Mt. Sterling	Symon Forms
Jan 14-18, 2008	Stanford	80 Hr Blueprint Reading (week 1 of 2)
Jan 14-18, 2008	Stanford	Asbestos Worker
Jan 14-18, 2008	Marion	240-Hour Concrete Specialist (week 1 of 6)
Jan 14-18, 2008	Marion	80 Hr Blueprint Reading (week 2 of 2)
Jan 21-25, 2008	Stanford	80 Hr Blueprint Reading (week 2 of 2)
Jan 21-25, 2008	Stanford	Symon Forms
Jan 21-25, 2008	Marion	240-Hour Concrete Specialist (week 2 of 6)
Jan 21-25, 2008	Marion	80 Hr Blueprint Reading (week 2 of 2)
Jan 28-Feb 1, 2008	Mt. Sterling	Pipeline Safety
Jan 28-Feb 1, 2008	Mt. Sterling	OSHA 30-Hour
Jan 28-Feb 1, 2008	Mt. Sterling	ACI - 24 Hour
Jan 28-Feb 1, 2008	Stanford	Lead Worker
Jan 28-Feb 1, 2008	Stanford	80-Hr Mason Tending (week 1 of 2)
Jan 28-Feb 1, 2008	Marion	240-Hour Concrete Specialist (week 3 of 6)
Jan 28-Feb 1, 2008	Marion	Construction Math
Feb 4-8, 2008	Mt. Sterling	ACI Shotcrete
Feb 4-8, 2008	Mt. Sterling	ACI - 24 Hour
Feb 4-8, 2008	Mt. Sterling	Pipeline Safety
Feb 4-8, 2008	Mt. Sterling	Asbestos Worker
Feb 4-8, 2008	Stanford	Construction Math
Feb 4-8, 2008	Stanford	80-Hr Mason Tending (week 2 of 2)
Feb 4-8, 2008	Marion	240-Hour Concrete Specialist (week 4 of 6)
Feb 4-8, 2008	Marion	OSHA 30-Hour

## Schedule Cont.

Date of Class	Location	Class
Feb 11-15, 2008	Mt. Sterling	ACI Shotcrete
Feb 11-15, 2008	Mt. Sterling	ACI-24 Hour
Feb 11-15, 2008	Mt. Sterling	Pipeline Safety
Feb 11-15, 2008	Stanford	Power and Hand Tool Safety
Feb 11-15, 2008	Stanford	OSHA 30-Hour
Feb 11-15, 2008	Marion	240-Hr Concrete Specialist (week 5 of 6)
Feb 11-15, 2008	Marion	Asbestos Worker
Feb 18-22, 2008	Mt. Sterling	ACI Shotcrete
Feb 18-22, 2008	Mt. Sterling	Pipeline Safety
Feb 18-22, 2008	Stanford	Microbial Remediation
Feb 18-22, 2008	Marion	240-Hour Concrete Specialist (week 6 of 6)
Feb 25-29, 2008	Marion	Microbial Remediation
Feb 25-29, 2008	Mt. Sterling	Pipeline Safety
Mar 3-7, 2008	Mt. Sterling	Pipeline Safety
Mar 24-28, 2008	Mt. Sterling	Pipeline Safety
Apr 7-11, 2008	Mt. Sterling	Total Stationing
Apr 7-11, 2008	Mt. Sterling	Pipeline Safety
Apr 7-11, 2008	Mt. Sterling	Rigging
Apr 14-18, 2008	Mt. Sterling	GPS
Apr 14-18, 2008	Mt. Sterling	Pipeline Safety
Apr 14-18, 2008	Mt. Sterling	Landscaping
Apr 21-25, 2008	Mt. Sterling	Pipeline Safety
Apr 28-May 2, 2008	Mt. Sterling	Pipeline Safety
Apr 28-May 2, 2008	Mt. Sterling	GPS

For more information call 1-877-773-2741



# Laborers' Training for the Future

## Concrete Specialist for Apprentices

Our concrete courses provide hands on training that will take an individual from the class room to the workforce with ease. Our concrete specialist program for apprentices is 320 hours throughout four years. After fourth year is completed laborers will be ACI certified.

### Year One (80 Hours)

- History of concrete
- Power Buggy
- Concrete Materials
- Tools
- Concrete Saw, Jackhammer
- Bobcat
- Site Preparation
- Form Work
- Basic Finishing Techniques

### Year Three (80 Hours)

- Bench mark
- Layout for floors
- Matching two floors together
- Hard toweling
- Walk-behind vibratory screed
- Use of power trowel
- Using a wet screed
- Use of soft cut saw
- Curing

### Year Two (80 Hours)

- Layout, Batterboards, Benchmarks
- Line set and squaring
- Layout off of a hub (back of curb set or edge of pavement set)
- Setting line for curb machine or pavers
- Setting inlets
- Setting curb face walk
- Texas or Morrison Screed operation and function
- Use of channel floats and straight edge
- Use of all hand tools
- Use of Symons forms
- Rub and grind walls

### Year Four (80 Hours)

- Soil Conditions and Subgrade Preparation
- Edge Forms on Grade
- Drives, Approaches, Curbs, Gutters
- Joins in Concrete
- Rubbing and Grinding
- On Grade Curb and Gutter Forms
- Steps



Sidewalk - Year 1



**High back curb - Year 2**



**V-gutter - Year 2**



**Concrete Slab - Year 2**

## **Interested?**

To apply for the Laborers' apprenticeship you need the following:

- Must be a High School Graduate or G.E.D.
- Must be 18 at the time of application.
- Must be able to read and write.
- Must be physically able to perform the work of the trade.
- Must be a legal resident of the United States.
- Must complete aptitude test and oral interview.
- \$20 administration fee (No Checks)

Applications are taken at the Laborer Local Union Halls on the first Tuesday of each month, during designated hours.



**Use of Power Trowel - Year 3**

## Marion Training Center Progresses



Demand for laborers' training is growing. In response to the demand, the Laborers' International Union and The Associated General Contractors of America developed a plan to build a new training facility that is to be located in Marion, Illinois.

The Marion Training Center broke ground last April and is near completion.

The River City Design Group designed the 16,000 square-foot building that will include a hands-on training arena.

Here laborers can learn skills such as asbestos abatement, mason tending and several concrete techniques.

There will also be a classroom area with integrated audio/visual equipment to assist the laborers in their training process.

Nearly all the courses that are offered at the Mt. Sterling training center will be available at the Marion site. Classes are scheduled to begin this January.



**Get Connected! - Training Centers' New Web Site**

 [www.illaborers.org](http://www.illaborers.org)

**Just a click away...**

Training Center History

Course Descriptions

Training Schedule

Trainee Photos

Apprenticeship Details

Our Three Facilities

Calendar of Events

Training News

## Training Center Community Service

Apprentices at ILCJATP generally receive training at the Laborers Training Center, but occasionally get an opportunity to practice their skills off site. Last summer the laborers implemented their skills in both Versailles and Camp Point, Illinois.

The second year concrete students improved these communities by pouring and repairing their side walks. Recently, second year concrete students repaired two damaged sidewalks in Versailles (pictured below).

Before the repairs, the sidewalks were not wheel chair accessible and hazardous to pedestrians.

“It’s a great feeling knowing that our work may prevent an injury,” said Instructor, Troy Taylor.

The training center has planned to do more volunteer work within the area this Spring.



Pictured left to right: Luis Baca, Instructor Troy Taylor, Devin Bible, John Strong, Paul Corgiat, and David Shinnick.



**Before**



**After**



Pictured left to right: Instructor Troy Taylor, Keith Nordike, David Buckley, Kenny Rexroat, and Brent Gage.

## Past Courses: January-October Training (Number of Trainees)

Advanced First Aid Instructor (7)	Construction Math (205)	Lead & Silica Worker (11)
Asbestos Worker (122)	Construction Plan Reading (141)	Mason Tending (161)
Asbestos Refresher (17)	Craft Orientation (241)	Microbial Remediation (4)
Asphalt Worker (136)	Drug Testing Orientation (263)	Mine Health & Safety (19)
Back Injury Prevention (250)	First Aid (297)	OSHA 10 hour (771)
Basic Concrete (13)	Forklift (191)	Pipe laying Principals (108)
Basic Emer. Response Awareness (31)	Global Positioning System (44)	Pipeline OQ(13)
Bloodborne Pathogens (48)	Grade Checking (80)	Remote Pipe Rehabilitation (3)
Bridge Construction Renovation (88)	Hazardous Communication (293)	Scaffold Builder - Frame (18)
Cardio-pulmonary resuscitation (CPR) (541)	Hazardous Waste Worker (92)	Scaffold User - Hydraulic (13)
CDL Preparation (4)	Healthy Lifestyles (10)	Scaffold User - (OSHA) (21)
Computer Skills Construction (7)	Hoisting & Rigging (237)	Scaffold User/Builder (127)
Concrete Specialist - Apprentice (372)	Introduction to Project Estimating (4)	Scissor Lift Safety (25)
Concrete Specialist - 240 hour (36)	Job Safety & Health Issues (11)	Sun Sense (248)
Concrete Stamping (4)	Landscaping (7)	Traffic Control (1170)
Confined Space Awareness (47)	Lead Abatement Supervisor (1)	Traffic Control Supervisor (37)
Construction Forman Development (24)	Lead Abatement Worker (15)	Trenching & Excavating (7)

Totals	Classes Conducted	Individuals Trained	Contact Hours
Jan-Oct 2007	579	7,196	102,840



Pipeline Operator Qualifier



Mason Tending



Asphalt



Hazardous Waste Worker



Concrete Specialist



Grade Checking

# Summer Recap

## Training Center Hosts Train the Trainer



The “stake-out” was all part of a Global Positioning Systems (GPS) class offered through the Laborers-AGC. The class is one in a series on GPS being offered to instructors by the Laborers-AGC. The Class held for future GPS instructors was the “Fundamentals of GPS”.

Instructor for the two week class was Kenneth Jagman, a Professional Surveyor licensed in Illinois and Wisconsin.

Between a little classroom time and a lot of outdoors hands-on time, the participants learned to use GPS to streamline the construction surveying process.

Their 3D dimension staked positions were continually checked using conventional surveying methods and confirmed to be well within the predicted 3D accuracy of 3/8th of an inch.

The second week was dedicated to assisting participating instructors in developing presentations for instructing the members of their individual Training Funds.

“The instructor training for GPS held here in Southern Illinois will make it possible for LIUNA members across the US and Canada to receive training in an evolving technology.”

– Jim Urtz, Laborers-AGC.

For apprentices arriving at the IL-CJATP the week of July 15th, the campus appeared to be covered in surveying stakes with a rainbow of identifying ribbons.

By the end of the 1st week the instructors had developed the skill to demonstrate the ability to stake an entire building site with a 25 foot topographic grid and 60+ site coordinate points in less than two hours.

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## Proposed Miniature Golf Course

ILCJATP has big plans to create a miniature golf course. The course will have nine holes and a ‘Laborers Training’ theme. Each hole will represent a class that the Mt. Sterling Training Center has to offer.

The classes include: Mason Tending, Pipe, Asphalt, Concrete, Flaggers, Hazardous Waste, Grade Checking and Bridge. Each hole will include props that correspond with the particular class. For an example, the Grade Checking hole will have a tripod and the Mason Tending hole will include a scaffold.

The course will be built by first and second year concrete students as part of their hands-on training. The construction will begin next summer and is expected to take six weeks to complete.

The miniature course is offered for trainees and staff and will be located at the Mt. Sterling Training Center, south of the dorms.



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