

COMPREHENSIVE JOB SKILL TRAINING CLASSES
Logansport site

Asbestos Abatement Training (40 Hours)

IDEM Accredited

1. Health effects-lecture
2. Respiratory protection-lecture & hands-on
3. Protective clothing-lecture & hands-on
4. Setting up decontamination unit
5. Waste disposal-lecture & hands-on
6. Methods of minimizing exposure-lecture
7. Medical surveillance-lecture
8. Technical aspects of air sampling-lecture
9. Supervisory requirements

Asphalt Placement (40 Hours)

1. Asphalt lute, rake & smoother
2. Vibratory roller & tamp
3. Power box paver
4. Quality assurance

Basic Construction Math (40 Hours)

1. Addition, subtraction, multiplication and division of whole numbers, mix numbers, decimals and fractions
2. Convert between decimals and common fractions
3. Use of the pocket calculator
4. Read a rule and measure
5. Learning Const. Math formulas

Concrete Mixing, Placing, Finishing, etc. (80 Hours)

1. Concrete properties & specifications
2. Concrete mixing, pouring & placing
3. Concrete finishing walls & slab
4. Concrete vibration, air, gas & electric
5. Side ditch & slope wall
6. Specialized hand tools
7. Wire mesh & rebar
8. Soil compactors
9. Road forms
10. Power trowel
11. Concrete chipper
12. Power screed

General Construction (80 Hours)

1. Traffic control
2. Tools & material recognition
3. Power tools
4. Compaction
5. Rigging
6. Cutting & burning
7. Introductory Construction Math

Mason Tending (80 Hours)

1. Conventional & Morgen scaffolding
2. Techniques of hod carrying & mortar mixing
3. Estimating & tempering
4. Forklift operation

OSHA Construction Safety, First Aid & CPR (40 Hours)

1. Dept. of Labor, OSHA-10 Hr. Construction Safety Course
2. National Safety Council-First Aid & CPR
3. Craft Orientation (8 hours).

Pipelaying, Shoring & Laser (80 Hours)

1. Shoring (hydraulic, timber & screw jacks)
2. Pressure pipelaying techniques
3. Pipe fusion
4. Water pipe installation & assembly
5. Tapping & hydrostatic testing
6. Utility line & grade
7. Sanitary sewer & storm drain systems
8. Dial-A-Grade & AGL (laser)

Print Reading-Building & Trades (40 Hours)

1. Part I, fundamentals
2. Part II, residential & light commercial
3. Part III, general construction specification & heavy construction

Print Reading-Highway & Bridge (40

13. Concrete saws

Concrete Specialist I (80 Hours)

1. Concrete technology
2. Concrete pouring, placing & finishing using various power & hand tools
3. Use of transits & building levels to establish grade
4. Straight edge checker
5. Hazard communication course

Foreman Preparedness (40 Hours)

1. Communications
2. Construction Math
3. Project organization & documentation
4. Health & safety recognition
5. Dealing with people
6. Problem solving
7. Layout with instruments

Hours)

1. Highway & bridge plan reading as designed by the State Highway Commission

Transit, Levels & Grade Checking (80 Hours)

1. Basic Math Pre-test
2. Squaring principles and layout
3. Basic survey procedures
4. Referencing and staking
5. Instruments
6. String line exercises
7. Slope staking (eye levels)

****Transit Levels class will require that each trainee successfully complete (on day one) a Basic Math Pre-test in order to continue this course. Failure to do so will result in referral to the Basic Construction Math course.*