

Schuylkill Technology Center Combo Training Program

Length of Program – 20 Weeks

Total Course Hours – 800

Total Course Credits – 58

Daily Schedule – Monday – Friday 8:00 AM to 4:00 PM

Location – Schuylkill Technology Center North Campus – 101 Technology Drive Frackville, PA 17931

Phase I ~ Heavy Equipment Training – 10 Weeks (400 Hours)

Phase II ~ CDL A Training – 10 Weeks (400 Hours)

Admission Requirements

- Must complete an application and pay a \$30.00 non-refundable registration fee to reserve a seat
- Must have funding sources secure and submit any award letters (if applicable) 10 days prior to starting
- Must be at least 18 years of age (Intrastate) –or– 21 years of age (Interstate)
- Must have an acceptable driving record (MVR)
- Must have a clean State Police Background check
- Must have a valid driver's license
- Must pass a DOT Physical & Drug Screening prior to the start of class (They **must** be taken at the Schuylkill Health OccMed Center)
- Must have dependable transportation to and from class
- Must have a positive attitude and a commitment to safe driving
- Federal Motor Carriers Fleet Safety Compliance Manual Part 391.11 (section) (a) (2) indicates that the driver shall be able to read and speak the ENGLISH language sufficiently to understand highway traffic signs and signals and directions given in ENGLISH and respond to official inquires.

Tuition	\$17,900.00
Book Fee	\$275.00
DOT Physical & Drug Screening	\$160.00
ELDT Direct Access	\$170.00
Background Check	\$25.00

Tuition & Fees Total \$18,730.00

**tuition is subject to change at any board meeting of the year*

Additional Costs (not included in tuition)

• Application Fee (Non-refundable)	\$30.00
• CDL Permit (Approx.)	\$120.00
• Motor Vehicle Report (3 years)	\$12.00
• Haz-Mat Application	\$34.00

Additional Costs Total \$196.00

Graduation Requirements

Upon completion of **ALL** graduation requirements students will receive a certificate as prescribed by the Schuylkill IU 29 Board of Directors and a PTDI (Professional Truck Driver Institute) certificate.

- Complete all classroom assignments & all range/road assessments
- Earn an overall grade point average of **80%** or higher
- Student must be in attendance **93%** of the time. If absentee time falls below 93%, additional hours will be made up at the end of the program. The student will be charged an additional **\$25.00** per hour. The amount of time missed due to arriving late or leaving early will be calculated and factored into the 93%.

Allowable 28 Hours (3.5 days) missed PER 400 hours.

- The student **MUST** have all tuition and fees paid to a **ZERO** balance 10 days prior to completion in order to have their name submitted to the DMV and to receive their PTDI and STC certificates.

Job Opportunity & Placement

STC provides students with a number of job opportunities during the training period. Job placement rate for students who completed the program is 89%. Although there are jobs available to students upon graduation, job placement is contingent upon but not limited to, the following requirements:

- Must pass all required CDL knowledge and skills tests
- Must pass all company required physical and drug tests
- Must possess the character and attitude necessary to meet industry standards
- Any other legal or company requirements

It is up to the student to successfully gain employment. We provide the following computer training to all students; job searching, company researching and resume writing. We have numerous recruiters visit the class and make presentations about their companies. We offer assistance but we cannot guarantee employment.

For additional information, please contact STC at (570) 874-1412 or friem@stcenters.org

Heavy Equipment – Classroom

Week #1 40 Hours

- Orientation to Construction Industry as a heavy equipment operator
- Substance Abuse Training
- Safety
 - 1) Lockout Tagout Procedures
 - 2) PPE
 - 3) MSDS
 - 4) Personal Limitations
- Hand Signals
- Cave-In Awareness
- Circle of Safety Awareness

Week #3 40 Hours

- DOZER & LOADER
 - o Identify and describe the layout of controls and components

Week #5 40 Hours

- EXCAVATOR & DUMP TRUCK
 - Identify and describe the layout of controls and components
- Mid-Term Exam

Week #2 40 Hours

- One Call Program
- DCNR - Conservation District Soils Program
- Introduction of Practical Math Utilized in the Construction Industry
- Blueprint Reading

Week #4 40 Hours

- SKID STEER & BACKHOE
 - o Identify and describe the layout of controls and components

Heavy Equipment – Hands-On

Week #6 40 Hours

- Skilled Operator Demonstrating
- Coordination Skills
- Equipment Operating & Familiarization – Earth Removal
- Driving Equipment – Non-Earth Removal
- Equipment Capabilities

Week #8 40 Hours

- Skilled Operator Demonstrating
- Surveying Techniques used with Earth Removal
- Grubbing
- Footers
- Maintaining Implementing Erosion & Sediment Controls
- Sloping Trenches
- Conserving Resources
- Stripping Topsoil
- Separating Products

Week #10 40 Hours

- Trouble Shooting
- Project Completions
- Implementing Erosions & Sediment Controls
- Advanced Grading Techniques
- Extreme Operating Conditions – Rock – Frost – Moisture
- Final Exam
- Graduation

Week #7 40 Hours

- Skilled Operator Demonstrating
- Advanced Erosion & Sediment Controls
- Implementing Erosion & Sediment Controls
- Straight line Trenching
- Coordination of Leading Buckets with Materials
- Excavating & Stock Piling Earth
- Job Approach

Week #9 40 Hours

- Skilled Operator Demonstration
- Involving Students with an Actual Project
- Grading Techniques
- Backfilling Techniques
- Sloping – Fore slopes – Back slopes
- Implementing Erosion & Sediment Controls

CDL – Classroom

- **Week #1** **40 Hours**
 - Orientation to Trucking Industry
 - Substance Abuse Training
 - Control Systems
 - Vehicle Instruments & Controls
 - Vehicle Inspection
 - Basic Control
 - Speed Management
 - Night Operation
- **Week #2** **40 Hours**
 - Cargo Documentation
 - Cargo Handling
 - Accidents and Procedures
 - Hours of Service
 - Vehicle Systems
 - Electrical & Starting System
- **Week #3** **40 Hours**
 - Vehicle Systems Cont'd (HM 181)
 - Engines
 - Air Brakes
 - Personal Health & Safety
 - Proficiency Development
 - CDL Prep
- **Week #4** **40 Hours**
 - CDL Prep Cont'd
 - Map Reading
 - Trip Planning
 - Hazardous Materials
 - CDL Mock Test
 - DOT 66 Written Test
 - Final Exam
 - State CDL Test given by DOT

CDL – Hands-On

- **Week #5** **40 Hours**
 - Lab/Range/Road
 - Pre-Trip Inspections
 - Coupling and Uncoupling
 - Basic Backing Principles
 - Forward Serpentine
 - Basic Shifting Principles
- **Week #7** **40 Hours**
 - Range/Road
 - CDL Basic Control Skills Cont'd
 - CDL On Road Driving Cont'd
- **Week #9** **40 Hours**
 - Range/Road
 - Advanced Backing Techniques
 - Dump Trailer Operations
 - Advanced Shifting Techniques
 - Pulling Loaded Trailers
 - Night Driving
 - Advanced Driving Techniques
- **Week #6** **40 Hours**
 - Range/Road
 - On Road Shifting
 - Backing Techniques
 - CDL Basic Control Skills*
 - CDL On Road Driving*
- **Week #8** **40 Hours**
 - Range/Road
 - CDL Basic Control Skills Cont'd
 - CDL On Road Driving Cont'd
- **Week #10** **40 Hours**
 - Range/Road
 - Advanced Backing Techniques Cont'd
 - Advanced Shifting Techniques Cont'd
 - Advanced Driving Techniques
 - CDL Skills Test
 - Graduation

**CDL Basic Control Skills (BCS) include:*

- Straight Line Backing
- Right Turns
- Parallel Parking
- Alley Docking
- Backward Serpentine

****Advanced Backing Techniques include:*

- Docking Between Trailers
- Diagonal Packing between Trailers
- Modified Backward Serpentine

Student Ratio: 3 Students / 1 Truck

- One Student Operating
- One Student Observing
- One Student Surveying Project

***CDL on Road Driving includes:*

- Basic Shifting Techniques
- 4 Lane Highway Driving
- 2 Lane Highway Driving
- Uphill/Downhill Driving Techniques

*****Advanced Driving Techniques include:*

- Professional Shifting Techniques
- Town and City Driving
- Mountain Driving
- Pulling Loaded Trailers
- Night Driving

Each student will receive a minimum of 50 BTW Hours

- 25 hours BTW Range
- 25 hours BTW Road