

# Schuylkill Technology Center Heavy Equipment Operator Training Program

**Length of Program** – 10 Weeks

**Total Course Hours** – 400

**Total Course Credits** – 30

**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** ~ Classroom – 5 Weeks (200 Hours)

**Phase II** ~ Skills Training – 5 Weeks (200 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 have a clean State Police Background check
- 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 inquiries.

<b>Tuition</b>	\$11,400.00
<b>Book Fee</b>	\$175.00
<b>DOT Physical &amp; Drug Screening</b>	\$160.00
<b>OSHA 30</b>	\$200.00
<b>Background Check</b>	\$25.00

**Tuition & Fees Total \$11,960.00**

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

## Additional Costs (not included in tuition)

- Application Fee (Non-refundable) **\$30.00**

## Graduation Requirements

Upon completion of **ALL** graduation requirements students will receive a certificate as prescribed by the Schuylkill IU 29 Board of Directors.

- Complete all classroom assignments
- Complete 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 **ZERO** balance 10 days prior to completion in order to receive their 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 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.

## 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
  - 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
  - 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