

Spring 2023

Syllabus: Filer Training, **Bandsaw Centered on Sharpening**. SITC Florence, SC

An intensive three day Classroom and Hands on Saw Filer Technical Training Class. Students must have a working knowledge of the Saw Filer Trade and be employed by a customer of Simonds International.

Next class to be scheduled.

Emphasis is on hands on application of skills presented in the classroom under the coaching of the Instructors. Students will rotate among the several available machines and work centers and must be prepared to perform the tasks presented. While the class will be “Centered on Sharpening”, reviews of both the Fitting and Benching operations will also be incorporated. Strong emphasis on producing good lumber and overall productivity. Proper and safe material handling is covered in each class. This class does not include Stellite™ Tipped bands at this time.

Cut resistant gloves, forearm sleeves and ear plugs are provided. Students to bring their own safety glasses and safety footwear. All machinery, hand tools, abrasives and cutting tools for student use are provided and included. Student may consider bringing their own straight edges and tension gauges. Students will take home a binder of printed materials and password protected links to videos used in the class. Lunch on site each day is provided.

### **Day 1**

Introductions, facility and safety orientation, Filer responsibility and Safe Work Practices.

Classroom

Intro to Sharp – defining it, measuring it, achieving it. Review of proper geometry and symmetry  
Sharpener Set Up – Cam Timing, Faceplate & Arbor alignment introduction to VariSharp and Control Tower functions.

In the Showroom

Full hands on afternoon performing each of skills from the morning session on both the #4 and VariSharp and properly Swage and Shape teeth

### **Day 2**

Classroom

Sounds of the Sharpener. Bent Teeth Side Clearance & Gullet Shapes.

In the Showroom

Dressing the abrasive wheel to achieve proper sharpener sounds and gullet shape.

Creating and using a proper rubbing and wheel template.

Additional work on the sharpener machines, correcting errors the instructors put in place

### **Day 3**

Classroom

Introduction to benching principles and proper use of gauges and tools.

Lumber Analysis; how filing room actions affect sawmill performance and profitability

In the Showroom

Additional work on sharpeners and needed

Manual Bench and stretcher roll alignment and Automated Bench set up inspection set up validation.

Hands on benching time addressing proper tire positioning and leveling.