

Spring 2023

Syllabus: Filer Training, **Bandsaw Focus on Fitting**. 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.

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, tools and work centers and must be prepared to perform the tasks presented. Students will work with both the Manual and Automated equipment for leveraged learning. While the class topic is “Focus on Fitting”, reviews of both the Sharpening operations and elements of Benching will also be incorporated. Strong emphasis on producing good lumber and overall productivity. Proper and safe material handling is covered in each class.

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 Swage and Shaping tools and proper set up and adjustment

Working with the Swage and Shaper

In the Showroom

Assemble and properly setup a Hand / Air Swage and Hand Shaper with a focus on the cutting edge. Properly set up an AutoSwage.

Swage and Shape teeth with both worn parts and calibrated parts and measure results

Safely load and unload a bandsaw blade at the sharpeners and benches

Day 2

Classroom

Introduction to Back Mapping & Benching Techniques, bent teeth and side clearance.

In the Showroom

Saw tooth inspection at the bench. Trip hammer technique will be demonstrated.

Adjusting and working with the Back gauge for decision making

Interpreting light under a tension gauge and straight edge at manual bench

Day 3

In the Showroom

Additional hands on Swaging and Shaping to achieve symmetry and strong teeth

Proper use of filing room measuring tools and Measurement of rough cut boards as diagnostic tool

Manual Bench and Automated Bench set up inspection set up validation

Focused training per student’s needs based on student input and instructor observations