



# NEWS @ TUFTING - U

**2011**

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## COURSES NOW AVAILABLE...

- Tufting Concepts
- Command Performance G.2
- LCL
- Cut Pile
- Loop Pile
- Graphics
- Infinity
- Quick Thread
- Gauge Parts
- Lean Practices

## DO YOUR EMPLOYEES...

- Set up styles of carpet?
- Change settings to adjust carpet weight?
- Work on quality issues at the machine?
- Make adjustments to get the appropriate look?

*...then Tufting-U has the training courses for you!*

## REDUCING CHANGEOVER TIME

Among the common challenges we hear about from students at Tufting-U is the issue of set up or changeover time in tufting operations. While most of Tufting-U's focus is on optimizing machine performance, we also recognize the importance of reducing non-value added time, such as the time lost during changeovers.

Today's business environment has caused production runs to be shorter than ever, making set ups and changeovers a key issue. At Tufting-U we teach a unique approach called **SMART Set Ups**. SMART is an acronym that stands for **Safe, Measured, Accurate, Rapid, & Timely**. Changeover times may be cut by 50% or more with the **SMART** approach. Here is a brief summary of each element:

**Safe**—First and foremost “do no harm” is the motto of SMART. Examine the set up process for potential risks and take corrective action to eliminate them and prevent their return.

**Measured**—Every set up or changeover needs to be measured for the purposes of analysis and learning. Breaking a set up process into its discrete steps will reveal where the time is going and exposes the opportunities.

**Accurate**—Improving accuracy reduces the need for first article inspection and wasted materials. Repeatability of the set up assures consistency from run to run.

**Rapid**—Not working faster, but eliminating non-value added activities during the set up will

reduce the total amount of time required.

**Timely**—Being ready for each changeover is required to improve efficiency. Time wasted retrieving items and supplies, preparing yarn and creels, and arranging things needed for the set up often exceeds the actual value added set up time. Be prepared and your set ups will go faster and smoother.

Operational excellence is a shared goal of CMC customers and Tufting-U is here to help you achieve that goal. Be sure to ask about **SMART Set Ups** when scheduling your training time at Tufting-U. It is yet another way that CMC is “*Creating Possibilities*” for our customers.

## TUFTING TIPS TO SAVE YOU TIME & MONEY

Most of your technicians know the variety of adjustments that can be made to reduce stop marks. For instance they may adjust the needle stop position, the amount of extra yarn at stop, or the machine's speed. Stop marks may seem to be related to specific styles each time they are run, or they can appear as a random problem.

Sometimes the technicians remember what adjustment it was that helped reduce the stop marks, but more often they may spend an hour or more before finally discovering the correct combination that helps reduce the problem.

**Here's the tip:** Most of the adjustments mentioned above

can be saved with the style in Command Performance. So instead of spending all that time searching for the correct combination, re-save the style and avoid the trial and error method of reducing those troublesome stop marks.



## What our customers are saying about their Tufting-U experience!

**Department Manager-** "I really enjoyed the class. Your plant is very well organized. The people here are very friendly. I never realized how much there was to tufting until I came to this class".

**Electrician-** "Now I know what I am looking at as far as operation and controls of Command Performance. I highly recommend this course for others".

**Fixer-** "I liked the hands-on training and being able to see exactly how parts are made and put together from ground up".

**Lead Mechanic-** "I can now do a better job identifying problems that cause premature wear of parts".

**Manager-** "The training is theoretical and practical - which are both important for learners".

## Over 250 Tufting-U graduates... and growing every week!

Since its inception in January of 2008, over 250 customer industry employees from all corners of the globe have participated in classes at Tufting-U. Upon completion of their training, each student receives a Certificate of Achievement to recognize their commitment to learning and personal development.

Students at Tufting-U come from a broad variety of job functions— including maintenance, engineers, plant managers, tufting managers, mechanics, operators, and trainers. Each student receives special attention and special care. Tufting-U is located in Chattanooga within the main CMC plant, allowing students to walk out on the floor and see machines in various stages of assembly adding to their understanding of the tufting machine, and where they can experience the latest in tufting technology.



## Your New Employees can Hit the Ground Running!

Include Tufting-U as part of your training for new employees and they will make a positive contribution to your tufting operations sooner than ever before. While new employees may be fully qualified in most aspects of their new job, many are not familiar with tufting. In just a matter of a few days, the intensive training they will receive at Tufting-U will advance their knowledge of the fundamentals of tufting beyond any other methods.

From the fundamentals to advanced methods, Tufting-U will help bring your key people up to a new level of competence and capability. There is no better way to upgrade the skills and capabilities of your employees than the by attending a class at Tufting University.

The factory authorized training at Tufting-U offers solutions to the daily challenges you face. Our instructors and facilitators have extensive experience with CMC machines, tufting technology, and operational excellence.

- How to prevent set up mistakes?
- How to make faster style changes to reduce downtime?
- What are the best mechanical settings to increase the life of gauge parts?
- How to quickly recognize, diagnose & make repairs to minimize downtime?
- How to make adjustments or repairs without causing un-repairable mends?

**TUFTING**  
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