

TO: **SkillsUSA contestants - Florida**

Automated Mfg. Technology (AMT)

FROM: Contest Chair – David Richardson david.richardson@lli.com 800-334-4943

General Info – The contest listed above will be held on Monday April 24th 9:00am – 3pm. Please contact Florida SkillsUSA for final schedule and location instructions.

CNC Machine Simulation software will be made available for contestants to download and install on your local machine/laptop. This CNC Simulation software is called **CNC Motion** and is published by Intelitek. See the following link for the software download as well as installation instructions. Copy and paste this into your browser.

http://www.intelitekdownloads.com/Software/CNC/iCNC_Bench_Pro_Expert_SPLM/iCNC_6.0.0.1.exe

The license to code to run the software is: [REDACTED] Please Email jdonelan@skillsusafl.org for the license information.

Note: If you have any problems installing the software, please contact our tech support department for help. Bob Harrison – bob.harrison@lli.com

Instructional content is available for the CNC Milling unit. Note that this is the same CNC machine that is used in the National SkillsUSA contest.

Here's how you log in:

1. Navigate to lidademo.intelitek.com.
2. Log in using one of the following (***these are case sensitive!***):

Username: flskills01; Password: FLskills01!

Username: flskills02; Password: FLskills02!

Username: flskills03; Password: FLskills03!

Username: flskills04; Password: FLskills04!

Note: If none of these work, please email Jarratt Bryan and he'll provide a new set of usernames/passwords - jarratt.bryan@lli.com

3. Click My Courses on the left.
4. Click CNC Milling/Turning.

Contest specific information is provided below.

Automated Manufacturing Technology contestants are required to bring two computers. (3 will be allowed in order to load the CNC Motion simulation software) One computer should be loaded with the CAD software, the other computer should be loaded with the CAM software. The functionality and licensing of the CAD and CAM software packages are the sole responsibility of the contestants. Note

that this competition will require the use of the CNC Motion software to simulate the final CNC code that is produced. See note and link above for instructions for download and install of this software. The software is “identical” to the simulation software that will be used during the National SkillsUSA AMT contest. The technical committee will supply a laser printer so that CAD, CAM and NC files can be printed for final review. If the AMT team prefers to bring their own printer/plotter, that is fine.

We look forward to an exciting contest. Our goal is to be fair to all contestants and prepare them for the National contest. Feel free to send me an email or give me a call if you have questions. As a reminder, we are making some instructional content available to each contestant “online” ...this should help you become familiar with the CNC simulation software that will be used during the contest.

Good luck and we will see you in Lakeland!

David Richardson david.richardson@lli.com