

# CNC Machining Professional

## PAL EXAM Part 1 & 2

### Final Project Reminders and Written Exam Agenda

#### McHenry County College

**Date: Wednesday, June 3<sup>rd</sup>**

**Time: Part 2 9am start, Part 1 12:45pm Start** – please arrive 15 min before start to check-in

**Location:** 8900 U.S. Highway 14, Crystal Lake, IL 60014, Building A

**Room:** A 245

**IN-COMPANY PROJECT - Digital Copy and product DUE at time of or BEFORE your written examination! You must bring your own caliper and any other measuring equipment you think you will need to the written exam to inspect your project parts! Hard Copy and project are shipped to Endress and Hauser after you complete your written exam.**

**Be sure to bring a photo I.D. and NO PHONES will be allowed in the testing room**

**Additional resources that may be brought to and used during written exam:**

- Non-communicable, non-programmable, battery-operated calculator
- Blue Mechanical and Metal Trades Handbook
- A collection of formulas (one single-sided 3x5 index card of formulas that you believe might be necessary during the exam such as feeds and speeds, force...etc)
- Pen, Pencil and Drawing tools
- Project and measuring tools

Written exam day includes:

- Digital Project documentation and product completion
- Multiple-choice questions, short answer questions
- Planning assignment
- Project inspection

**On the day of your written exam:**

- ✓ Any time prior to the start of your written exam, submit the digital report of your practical exam project to [scurek@gaccmidwest.org](mailto:scurek@gaccmidwest.org). Digital report should be a zip file (LASTNAME\_Test taker number\_Part 1 or 2\_DATE) that includes the items outlined in the instructions for In-company project found on the [ICATT apprentice resource page](#)). If the files are too big to attach or send, your report can also be submitted via Google docs or you can request a Sharepoint folder link from Geneva to drop your documentation in.
- ✓ Prepare a hard copy of the project report to send with your project to the specified address, immediately after you have completed your written exam. This should be an organized 3 ring binder with a cover sheet and extensive notes on your exam project (see instructions for practical exam on ICATT Resource page to know what to include)
- ✓ Label your project with your test taker number (xxx – punched into each metal piece as indicated in the drawings) Send your project with your binder immediately after completing the exam to the specified address.
- ✓ **Bring your own measuring equipment (calipers or anything else you may need to complete an inspection of the dimensions of your product). If you have to disassemble your product to inspect it, bring tools to do so.**

**CNC Written exam agenda continued on next page.....**



## CNC WRITTEN EXAM AGENDA

**Written Exam Part 2 Agenda** – Please arrive 15 min before start to check-in. Note paper and reference drawings will be provided.

- 9:00am**      **CNC Part 2 Start time!** access online testing platform and written exam instructions
- 9:15am**      **CNC Part 2 Start Exam 1** - Test 1 Lathe and Mill (115 min)
- 11:10am**     **CNC Part 2 End Exam 1** -10 min break
- 11:20am**     **CNC Part 2** Return from break for brief instructions
- 11:25am**     **CNC Part 2 Start Exam 2** - OSHA Worker's Rights (60 min)
- 12:25pm**     **CNC Part 2 End exam 2** - Lunch break
- 12:55pm**     **CNC Part 2** Return from lunch break for instructions
- 1:05pm**      **CNC part 2 Start Exam 3** – Test 2 (Project 1 Lathe or Project 2 Mill, 115 min)
- 3:00pm**      **CNC part 2 End Exam 3**
- 3:10pm**      **CNC Part 2** Return for Planning instructions
- 3:15pm**      **CNC Part 2 Start Practical Planning** (30 min)
- 3:45pm**      **CNC Part 2 End Practical Planning**
- ~3:50pm**     **CNC Part 2** Return for Inspection instructions
- ~3:50pm**     **CNC Part 2 Start Inspection** (40 min) – you will need your CNC project and your own measuring equipment
- ~4:30pm**     **CNC Part 2 End Inspection**

**Written Exam Part 1 Agenda** – Please arrive 15 min before start to check-in. Note paper and reference drawings will be provided.

- 12:45pm**     **CNC Part 1 Start time!** access online testing platform and written exam instructions
- 1:00pm**      **CNC Part 1 Start Exam** - (100 min)
- 2:40pm**      **CNC Part 1 End Exam**
- 3:10pm**      **CNC Part 1** Return for Planning instructions
- 3:15pm**      **CNC Part 1 Start Practical Planning** (30 min)
- 3:45pm**      **CNC Part 1 End Practical Planning**
- ~3:50pm**     **CNC Part 1** Return for Inspection instructions
- ~3:50pm**     **CNC Part 1 Start Inspection** (40 min) – you will need your own measuring equipment
- ~4:30pm**     **CNC Part 1 End Inspection**

**Apprentice/Trainer to pack and ship Final Project part/s to the address you were provided (different people send their projects to different places) to arrive by the date you were provided. Email tracking info to Geneva scurek@gaccmidwest.org upon shipping!**