

# Mechatronics Technician Practical EXAM Part 2 M-tec Henry Ford College

## Practical Practice Day, Equipment set up and check:

**Date:** May 18

**Time:** 8am-12pm

**Location:** M-tec Henry Ford, 3601 Schaefer Rd, Dearborn, Michigan 48128, Bay-Lab

Please label equipment, tools, and binders. Drop off all material/tools in an organized and neat manner, including your binders with all your preparation work and drawings for the practical exam. Practical equipment should be set up in “exam ready” state (not-powered up, but proper assembly according to yellow phase 2). The Exam Board will check your binders, equipment, and tools for “readiness” according to the yellow documentation before you leave.

## Additional resources that should be brought to and used during the practical exam:

- Non-communicable, non-programmable, battery-operated calculator with trig capabilities – a basic calculator will be available in the test platform
- Blue Mechanical and Metal Trades Handbook and Red Electrical Engineering 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
- Part 2 – binder with updated yellow documentation and other relevant docs – to be checked by exam board.

## NO PHONES Allowed during testing

### TEST DATE and TIME info:

**Date:** May 19-20

**Time:** MT **Part 2 7:45am start** - please arrive 30 min before start to check-in

**Location:** M-tec Henry Ford, 3601 Schaefer Rd, Dearborn, Michigan 48128, Bay-Lab

First Name	Last Name	Company	Practical Start
Antone'	Petty Jr.	Brose North America, Inc.	Tues. May 19 @ 7:45am ET
Adrian	Salinas	Brose North America, Inc.	Tues. May 19 @ 7:45am ET
Colin	Umin	Brose North America, Inc.	Tues. May 19 @ 7:45am ET
Addison	Pashby	SW North America, Inc.	Tues. May 19 @ 7:45am ET
Nelson	Haydamacker	Brose North America, Inc.	Tues. May 19 @ 7:54am ET
Dallas	Romberg	EMAG LLC	Tues. May 19 @ 7:45am ET
Walter	Lopez-Romero	Brose North America, Inc.	Wed. May 20 @ 7:45am ET
Philip	Bright	SW North America, Inc.	Wed. May 20 @ 7:45am ET
Hunter	Adams	Brose North America, Inc.	Wed. May 20 @ 7:45am ET
Ethan	Funk	Brose North America, Inc.	Wed. May 20 @ 7:45am ET
Austin	Primeau	SW North America, Inc.	Wed. May 20 @ 7:45am ET

**Practical Exam Agenda continued on next page...**

# PRACTICAL EXAM AGENDA

- 7:15am** Arrival, sign in, apprentice final check and prep of equipment  
*Part 2 Apprentices must have their exam binders and be prepared to show and save your PLC program as a PDF to send to GACC representative on site. The Exam Board will check your binders once more before you begin.*
- 7:45 am** Instructions provided - apprentices receive their exam assignment for the day.
- 8:00 am** Start of 6-hour practical task – each apprentice will have a supplied timer.
- ~11:30 am** 30-minute lunch break – the time will be limited. All must break at the same time.  
Please bring your own lunch!
- ~12:00 pm** All resume practical exam  
Reminder: Apprentices should be ready to commission their system with an Exam Board member with 1.5-2 hours remaining. Your exam time will be stopped should an Exam Board member not be available to walk through the commissioning of your system with you and you must wait.
- ~2:30 pm** Approximate end time - Apprentices finish, clean up, unless your time was stopped due to limited exam board resources available, in that case you will have time remaining. Do not leave until an Exam Board member has dismissed you. Plan for as late as 5:30 pm.
- ~5:30 pm** **Extended time** approximate end time - Apprentices finish, clean up, unless your time was stopped due to limited exam board resources available, in that case you will have time remaining. Do not leave until an Exam Board member has dismissed you.