MASSACHUSETTS VOCATIONAL TECHNICAL TEACHER TESTING

PROGRAM SCOPE OF TEST CODE # 6 – CABINETMAKING

WRITTEN EXAM - 100 QUESTIONS

TIME ALLOWED: 3 HOURS

PERCENT OF TEST:

6% Safety and Health Knowledge and Skills
7% Wood Technology
7% Prints and Layout Projects
3% Hand Tools
7% Cabinetmaking Joinery Fabrication
2% Hand Sanding
5% Gluing and Clamping
15% Stationary Power Equipment
7% Portable Power Tools
5% Woodworking Quality Standards
7% Casework and Furniture Fabrication
5% Hardware/Fasteners
7% Architectural Millwork
5% Countertops
5% Finishing
7% Mathematics

THE INTENT OF THIS EXAM IS TO ASSESS YOUR ABILITY TO TEACH THE SKILLS FOUND IN THE MASSACHUSETTS VOCATIONAL TECHNICAL EDUCATION CABINETMAKING FRAMEWORK. ALL EXAMS ARE ALIGNED WITH THE MATCHING FRAMEWORK.

SOME QUESTIONS REQUIRE A SYNTHESIS OF KNOWLEDGE BASED ON EXPERIENCE IN THE FIELD AND MAY NOT BE FOUND IN ANY BOOK. HOWEVER, CANDIDATES ARE ENCOURAGED TO STUDY FOR THEIR EXAMS BY REVIEWING CURRENT TEXTBOOKS AND REFERENCE MATERIAL WHICH CAN USUALLY BE FOUND IN THE LIBRARIES OF MOST VOCATIONAL TECHNICAL SCHOOLS AND SCHOOLS WHICH OFFER CHAPTER 74 PROGRAMS. YOU MAY ALSO BE ABLE TO OBTAIN LISTED REFERENCE MATERIALS ONLINE.
THE FOLLOWING LIST OF REFERENCE MATERIALS WAS DEVELOPED AS A GUIDE FOR WRITTEN EXAM CANDIDATES:

CABINETMAKING AND MILLWORK by John L. Feirer
Chas. A Bennett Co., Inc., Peoria, IL

CABINETMAKING AND MILLWORK by Gasper J. Lewis

WOOD TECHNOLOGY AND PROCESSES by John L. Feirer
Glencoe, New York, NY

MODERN CABINETMAKING by William D. Umstattd
Goodheart-Willcox Co., Inc., South Holland, IL

MODERN WOODWORKING by Willis H. Wagner and Clois E. Kicklighter
Goodheart-Willcox Co., Inc. South Holland, IL

EXPLORING WOODWORKING FUNDAMENTALS OF TECHNOLOGY by Fred W. Zimmerman and Larry J. McWard, Goodheart-Willcox Co., Inc. South Holland, IL

You may refer to http://www.doe.mass.edu/cte/frameworks for the Massachusetts Vocational Technical Educator Frameworks.

The written exam consists of 100 multiple choice questions. Each question consists of one incomplete sentence or a question followed by four choices. Listed below are several sample items:

Labor costs for a countertop installation of 3.25 HR at twenty nine dollars per hour would be:

a. $87.50
b. $89.2
c. 5
*d. $94.25

What are trammel points used for?

a. To check angles
b. Find studs in a wall
c. Level something
*d. Draw circles and arcs when a compass is too small

* indicates correct answer

THE TEACHER TESTING PROGRAM WILL PROVIDE NON-PROGRAMMABLE CALCULATORS FOR USE IN COMPLETING THE WRITTEN EXAM. DOCUMENTATION REGARDING THESE CALCULATORS WILL BE INCLUDED IN YOUR ADMISSION PACKAGE.

UPDATED: 7/2016 lmb
PERCENT OF TEST:

10%  Identification of Wood and Materials
15%  Hand Constructed Joinery
  8%  Rod Layout
30%  Project # 1
30%  Project # 2
  7%  Safety

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PERFORMANCE EXAM CANDIDATES WILL BE ASSESSED ON THEIR COMPLETION OF THE EXAM TASKS AND THEIR DEMONSTRATION OF INDUSTRY AND OSHA RECOMMENDED SAFETY PROCEDURES.

Most exam tasks require a synthesis of knowledge based on vocational technical work experience. As a result we highly recommend that Performance Exam Candidates possess the required years of related work experience as well as the appropriate industry recognized credentials as outlined as requirements for preliminary vocational technical educator licensure. Candidates are also encouraged to prepare for their exams by reviewing current textbooks and reference material which can usually be found in the libraries of most Vocational Technical Schools and Schools which offer Chapter 74 Programs. You may also be able to obtain listed reference materials online.

CANDIDATE MUST BRING/WEAR:

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<thead>
<tr>
<th>Item</th>
<th>Item</th>
<th>Item</th>
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<tbody>
<tr>
<td>Back saw, Finish saw</td>
<td>Laminate file</td>
<td>Block plane</td>
</tr>
<tr>
<td>Dovetail saw</td>
<td>Set of chisels (1/4 to 1”)</td>
<td>Compass/dividers</td>
</tr>
<tr>
<td>Hammer</td>
<td>Magic marker (black)</td>
<td>2 number 2 pencils</td>
</tr>
<tr>
<td>Combination square</td>
<td>Measuring tool (tape/rule)</td>
<td>Safety glasses or goggles</td>
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PLEASE NOTE THE FOLLOWING SAFETY REQUIREMENTS:

- LEATHER WORK SHOES OR BOOTS
- WORK CLOTHES ARE TO BE CLOSELY FITTING
- LONG HAIR IS TO BE RESTRAINED
- PROPER SAFETY PRACTICES ARE TO BE FOLLOWED AT ALL TIMES
- SAFETY GLASSES MUST BE WORN AT ALL TIMES DURING THE EXAM

THE FOLLOWING LIST OF REFERENCE MATERIALS WAS DEVELOPED AS A GUIDE FOR PERFORMANCE EXAM CANDIDATES:

CABINETMAKING AND MILLWORK by John L. Feirer
Chas. A Bennett Co., Inc., Peoria, IL

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Safety Orientation NCCER, Person Prentice Hall
www.crafttraining.com

1910 Subpart I - Personal Protective Equipment

You may refer to http://www.doe.mass.edu/cte/frameworks for the Massachusetts Vocational Technical Educator Frameworks.

NO BOOKS OF ANY KIND WILL BE ALLOWED AT THE TEST SITE.

Candidates are reminded that the use of a non-programmable calculator is allowed, providing you bring your own. These calculators will be inspected prior to your exam.

UPDATED: 1/2017
lmh