PERCENT OF TEST:

5% Design & Visual Communications Health and Safety

30% Fundamentals of Design

- Elements and Principles of Design
- Typography
- Color Theory

65% Content Creation Skills

- Vector Based Skills
- Raster Based Skills
- Photography
- Page Layout
- Website Design
- Animation
- Fundamental Technical Skills

THE INTENT OF THIS EXAM IS TO ASSESS YOUR ABILITY TO TEACH THE SKILLS FOUND IN THE MASSACHUSETTS VOCATIONAL TECHNICAL EDUCATION DESIGN & VISUAL COMMUNICATIONS 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.

You may refer to http://www.doe.mass.edu/cte/frameworks for the Massachusetts Vocational Technical Educator Frameworks.
THE FOLLOWING LIST OF REFERENCE MATERIALS WAS DEVELOPED AS A GUIDE FOR WRITTEN EXAM CANDIDATES:

Adobe Photoshop CC Classroom in a Book
Publisher: Adobe Press; Andrew Faulkner and Conrad Chavez
Language: English
ISBN 0134663454

Adobe Illustrator CC Classroom in a Book
Publisher: Adobe Press; by Brian Wood
Language: English
ISBN 10: 0134663446

Adobe InDesign CC Classroom in a Book
Publisher: Adobe Press; by Kelly Kordes Anton and John Cruise
Language: English
ISBN 10: 0134664094

Adobe Animate CC Classroom in a Book
Publisher: Adobe Press; Russell Chun
Language: English
ISBN 10: 0134665236

Adobe Dreamweaver CC Classroom in a Book
Publisher: Adobe Press; by Jim Maivald
Language: English
ISBN 10: 0134664280

The Complete Manual of Typography
Publisher: Adobe Press
Author: Jim Felici
Language: English
ISBN-10: 0321773268

The Non-Designers Web Book
Publisher: Peachpit Press
Author: Robin Williams, John Tollett
Language: English
ISBN-10: 0321303377

The Non-Designers Design Book
Publisher: Peachpit Press
Author: Robin Williams
Language: English
ISBN- 10: 0321534042
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:

A graphic that has several different links on it is called a:

- a. Pixel map.
- b. Gif map.
- c. Web map.
- d. Image map.

What is an embedded style sheet?

- a. Style sheets that are placed in a single HTML document and only effect that document.
- b. Style sheets that are placed in multiple HTML documents and only effect that document.
- c. Style sheets that are placed in documents and only effect that document.
- d. Style sheets that are not placed in multiple HTML documents.

* 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.
PERCENT OF TEST:

40 % Logo Development
- With supplies provided, prepare hand drawn thumbnails, quality compositions and a professional final logo in color.

15 % Layout and Design
- Produce a professional layout for an ad campaign.

15 % Animation Development
- Create professional quality animated banner.

30 % Web Development
- Create a two page web site containing an animated banner, logo, photographs, and text. Must be previewed in a web browser.

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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 SAFTEY 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.

*You may refer to http://www.doe.mass.edu/cte/frameworks for the Massachusetts Vocational Technical Educator Frameworks.
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Adobe Dreamweaver CC Classroom in a Book
Publisher: Adobe Press; by Jim Maivald
Language: English
ISBN 10: 0134664280

Internet Resources:
http://www.adobe.com/

Equipment that will be supplied:
Windows Computer or MacIntosh Computer

Software used:
Windows 7 Professional Operating System, MAC OS 8
Adobe Design Premium CC:
Adobe Photoshop CC, Adobe Illustrator CC, Adobe InDesign CC, Adobe Animate CC, Adobe Dreamweaver CC

PLEASE NOTE: All work will be completed on the computer and will be saved on the desktop in the appropriate folders.

You must notify Lisa Boyd at lboyd@gltech.org to indicate which equipment you will be using Windows Computer or MacIntosh Computer.

Paper and drawing materials will be provided for a portion of the test. Candidates may NOT bring their own computer, laptop, or any external devices.