State-Approved (Chapter 74)
Program Overview

# Painting and Design Technologies

**Painting and Design involves the selection of appropriate paint or other surface treatments to beautify indoor and outdoor spaces.**

## What Students Learn & Do

Painting and Design Technology students learn about the properties of different types of paint and surface treatments, gaining hands-on experience with a variety of materials and techniques. Beginning with the study of different pigments, resins, solvents, additives, and wall preparations such as drywalling, students learn to analyze the needs of a project and select the proper materials to accomplish good results.

In addition, the Painting and Design curriculum provides opportunities for creative exploration as students learn aspects of interior design, architecture, color theory, and graphic design. Students learn to apply decorative finishings and wallpaper, and gain experience creating signs and murals, among other projects. Students also learn to follow blueprints and participate in renovation or restoration projects at school or in supervised work settings. Business concepts are also covered in the curriculum, including cost estimating, customer service, and project management.

Painting and Design students are required to meet the same high academic standards as their peers outside of these programs. These standards are set by the State of Massachusetts. In addition, aspects of mathematics, chemistry and English language arts are underscored through the curriculum.

## Licenses & Certifications

Programs will prepare students to earn industry-recognized credentials, and typically students will be able to complete one or more before they graduate from high school. Examples students might achieve during this program. Examples:

- OSHA 10 Hour Construction

## Options After High School

State-Approved (Chapter 74) programs provide precise training required for entry-level employment in this in-demand career field. Here are some possible Painting and Design career opportunities.

### High School Diploma

- Construction Painter
- Drywall Finisher
- House Painter (Interior & Exterior)
- Paint & Wallpaper Salesperson

### Bachelor's Degree (4 Years of College)

- Interior Designer
- Television, Film or Theater Art Director
- Graphic Designer

## Questions to Ask a Program You Are Considering

1. **What workplace experiences do you offer to students - at school, or with an employer?**
2. **What are some common next steps for graduates of this program and how do you support them to get there?**

**Learn about the differences between State-Approved (Chapter 74) and Local programs:**
http://www.doe.mass.edu/ccte/cvte/cte-families/state-vs-local.html

MASSACHUSETTS DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION

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