WALL AND FLOOR GRAPHICS INSTALLATION
Course Syllabus

Course Number: VA-1744
OHLAP Credit: No
OCAS Code: None
Course Length: 45 Hours
Career Cluster: Arts, A/V Technology & Communications
Career Pathway: Printing Technology
Career Major(s): Vinyl and Graphics Installation Specialist

Pre-requisite(s):
Demonstrate various wall and floor graphics installation methods. Follow industry standards to install vinyl on interior/exterior and concrete floors. Surface preparation, tool and chemical use, and proper cutting/trimming for panel edges and other techniques will be demonstrated. This course incorporates all objectives needed to test for national graphics installer certification.

Textbooks: 3M Advanced Graphics Installer Training Manual

Course Objectives:

A. Demonstrate effective hands-on skills to pass the graphics installation assessment test with a minimum score of 80%.
1. Review Shop Safety Procedures
2. Define tools and chemicals needed for graphics installation.
3. Demonstrate ability to use a torch and heat gun without damaging the surface.
4. Demonstrate ability to use heat gun and rollers for textured wall installations.
5. Determine media specifications.
6. Practice safe work habits in surface preparation.
7. Demonstrate knowledge of vinyl film basics.
8. Demonstrate knowledge of adhesive basics.
10. Identify Out gassing, is causes, and its’ fixes.
11. Identify critical application failures and what could be done to fix them.
12. Demonstrate knowledge of proper wall/floor surface preparation.
13. Position the graphic on wall/floor surface using the kit’s layout provided.
14. Demonstrate ability to use the tape hinge method.
15. Demonstrate ability to properly squeegee and/or brush without trapped air or wrinkles.
16. Demonstrate ability to cut the vinyl film without damaging the wall/floor surface.
17. Demonstrate hands-on ability for proper graphics installation around obstructions.
18. Demonstrate skill for proper cutting/trimming for all types of panel seam (overlap seam and butt seam).
19. Demonstrate skill for proper graphics panel matching.
20. Identify the importance of post heating a finished installation.
21. Demonstrate skill for finished edge trimming of all film edges.
22. Identify differences in Application Tapes
23. Demonstrate ability for proper Application Tape removal.
24. Demonstrate ability to use Knifeless Technologies Tape.
25. Diagnose and correct common installation problems.
FINISHING OPERATIONS

Teaching Methods: The class will be taught by hands on demonstration and presentations. Various media materials are used to address various learning styles; Approx. 15% will be in the form of instruction/demonstration, and 85% will be in the form of the students practicing their hands-on skills.

Grading Procedures:
1. Students are graded on theory and shop practice and performance.
2. Each course must be passed with seventy (70%) percent or better.
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.

Description of Classroom, Laboratories, and Equipment: Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

Available Certifications/College Credit: The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Oklahoma State University-Okmulgee or Tulsa Community College. See program counselor for additional information.

College Credit Eligibility: The student must maintain a grade point average of 2.0 or better.