

DESE Model Curriculum

GRADE LEVEL/COURSE TITLE: Carpentry, Introductory Craft Skills –
Module 27206-07 Drywall Finishing

Course Code:

COURSE INTRODUCTION:

17003 Carpentry

Carpentry courses provide information related to the building of wooden structures, enabling students to gain an understanding of wood grades and construction methods and to learn skills such as laying sills and joists; erecting sills and rafters; applying sheathing, siding, and shingles; setting door jambs; and hanging doors. Carpentry courses may teach skills for rough construction, finish work, or both. Students learn to read blueprints, draft, use tools and machines properly and safely, erect buildings from construction lumber, perform finish work inside of buildings, and do limited cabinet work. Carpentry courses may also include career exploration, good work habits, and employability skills.

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Module 27206-07 Drywall Finishing

Course Code:

UNIT (#) TITLE: Carpentry, Introductory Craft Skills (27206-07) – Drywall Finishing [This module covers the materials, tools, and methods used to finish and patch gypsum drywall, and includes coverage of both automatic and manual taping and finishing methods.]		SUGGESTED UNIT TIMELINE: CLASS PERIOD (min.):				
ESSENTIAL QUESTIONS: 1. What purposes does drywall finishing serve? 2. How can different materials and equipment be used to finish drywall? 3. How can problems with finishing be prevented or corrected?						
ESSENTIAL MEASURABLE LEARNING OBJECTIVES	CCSS LEARNING GOALS (Anchor Standards/Clusters)	CROSSWALK TO STANDARDS				
		GLEs/CLEs	PS	CCSS	OTHER	DOK
1. State the differences among the six levels of finish established by industry standards, and distinguish a finish level by observation.				S-IC 6, S-MD 7	27206-07	Level 2
2. Identify the hand tools used in drywall finishing, and demonstrate the ability to use these tools.					27206-07	Level 1, Level 2
3. Identify the automatic tools used in drywall finishing.					27206-07	Level 1
4. Identify the materials used in drywall finishing, and state the purpose and use of each type of material, including: • Compounds • Joint reinforcing tapes • Trim material • Textures and coatings				L 11-12.6	27206-07	Level 1
5. Properly finish drywall using hand tools.					27206-07	Level 2
6. Recognize various types of problems that occur in drywall finishes; identify the causes and correct methods for solving each type of problem.				S-ID 9, S-IC 6	27206-07	Level 2

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7. Patch damaged drywall.					27206-07	Level 2
<p>ASSESSMENT DESCRIPTIONS*: (Write a brief overview here. Identify Formative/Summative. Actual assessments will be accessed by a link to PDF file or Word doc.)</p> <p>*Attach Unit Summative Assessment, including Scoring Guides/Scoring Keys/Alignment Codes and DOK Levels for all items. Label each assessment according to the unit descriptions above (i.e., Grade Level/Course Title/Course Code, Unit #).</p>						
Obj. # 1-7	INSTRUCTIONAL STRATEGIES (research-based): (Teacher Methods) <input checked="" type="checkbox"/> Direct <input type="checkbox"/> Indirect <input type="checkbox"/> Experiential <input type="checkbox"/> Independent Study <input type="checkbox"/> Interactive Instruction					
Obj. # 1-7	INSTRUCTIONAL ACTIVITIES: (What Students Do) 1. 2. 3.					
<p>UNIT RESOURCES: (include Internet addresses for linking) (MCCE Resource) TE DVD ROM 11 Deconstruction: The Science of Building a House-Plumbing to Paint Discovery Channel University LAWRENCEVILLE, NJ, SHOPWARE, 2004. DVD ROM A home is more than a house; technologically speaking, it's an engineered habitat. This video explains how electrical, plumbing, and HVAC systems work with selected parts of the building envelope — building wrap, windows, fiberglass insulation, gypsum wallboard, and paint — to keep the weather out and comfort in. Animated diagrams, microscopic and thermal imaging, on-site demonstrations, and off-site tests are used to show how things like circuit breakers and P-traps work; to define U-factor, R-value, permeance, and other technical terms and concepts; to demonstrate color-matching and paint-making; and to isolate envelope failures leading to moisture infiltration and mold. A visit to a USG wallboard plant is also included. 50 minutes.</p>						