

APPLIED INDUSTRIAL TECHNOLOGY (DRYWALL FINISHING) (ATDW)

ATDW-1310 Tools and Methods of Drywall Finishing 2 Credits

Introduction to basic tools, procedures, and methods of the drywall finishing trade including history, purposes, identification, and proper use of hand and power tools, components of the tools, proper cleaning and maintenance of the tools.

Lecture: 2 hours

Prerequisite(s): Departmental approval: Admission to apprenticeship program.

ATDW-1330 Materials and Methods of Drywall Finishing 2 Credits

Introduction to history, composition, and application of basic materials and procedures of drywall finishing trade including identification of wall boards, joint compounds, joint tapes, fasteners, adhesives, beads, and trim; measuring and cutting beads and trim; application of wall boards, joint compounds, joint tapes, and beads to various surfaces and structures.

Lecture: 2 hours

Prerequisite(s): Departmental approval: Admission to apprenticeship program.

ATDW-1620 Taping Tools & Procedures 2 Credits

Instruction in tools, history, purpose, and procedures in drywall taping and wiping including tools and materials, dry taping, wet taping, hopper and banjo taping methods, and wiping procedures.

Lecture: 2 hours

Prerequisite(s): Departmental approval: Admission to apprenticeship program.

ATDW-2310 Automatic Taping Tools 2 Credits

Instruction in principles and procedures of automatic tool taping including tools and equipment, the Bazooka automatic taping tool, loading, holding positions, and procedures for automatic tool taping individually and in teams.

Lecture: 2 hours

Prerequisite(s): Departmental approval: Admission to apprenticeship program.

ATDW-2330 Finishing Boxes 2 Credits

Instruction in history and use of finishing boxes including preparing, repairing, and loading flat finishing boxes; procedures for filling flats, butt joints and ceiling joints; procedures for using fastener spotters and angle finishing boxes; and cleanup procedures.

Lecture: 2 hours

Prerequisite(s): Departmental approval: Admission to apprenticeship program.

ATDW-2340 Texturing 2 Credits

Introduction to history, and processes of texturing drywall and plaster surfaces including protecting adjacent surfaces and furnishings, preparing surfaces to be textured, correcting defects in the surface, selecting the proper tools, equipment, and materials to be used on newly textured surfaces and matching/blending texture over repairs and corrections.

Lecture: 2 hours

Prerequisite(s): Departmental approval: Admission to apprenticeship program.

ATDW-2350 Filling Compounds/Procedures 2 Credits

Instruction in history, types, and basic elements and procedures for using filling compounds including terminology, selection of filler, elements of drying, application of filler with trowel and broad knife, and finish sanding.

Lecture: 2 hours

Prerequisite(s): Departmental approval: Admission to apprenticeship program.