

TRADE SCHEDULE FOR: GLAZIER

This trade schedule is attached to and a part of the Apprenticeship Standards for the above identified occupation. This sequence of Related Classroom Instruction is competency based and will be offered as traditional classroom training or independent study, which may include: Internet-learning, video telecast and CD-ROM.

1. TERM OF APPRENTICESHIP

The term of the occupation shall be 3 years with an OJT attainment of 6000 hours supplemented by the required hours of related technical instruction.

2. RATIO OF APPRENTICES TO JOURNEYPERSONS

The Ratio of Apprentices to Journeypersons will be 1:1 for the first 3 apprentices and 1:3 thereafter.

3. APPRENTICE WAGE SCHEDULE

Apprentices shall be paid a progressively increasing schedule of wages based on a percentage of the current journeyperson wage rate.

Term: 6000 Hours

0 - 1000 hours - 60%	of Journeyperson's rate
1000 - 2000 hours - 65%	of Journeyperson's rate
2000 - 3000 hours - 70%	of Journeyperson's rate
3000 - 4000 hours - 75%	of Journeyperson's rate
4000 - 5000 hours - 80%	of Journeyperson's rate
5000 - 6000 hours - 90%...	of Journeyperson's rate

The Journeyworker wage rate on _____ \$ _____

4. SCHEDULE OF WORK EXPERIENCE (See attached Work Processes/Work Experience Schedule)

Apprenticeship Committees may add to the work processes prior to submitting these Standards to the appropriate Registration Agency for approval.

5. SCHEDULE OF RELATED INSTRUCTION (See attached Related Classroom Instruction Outline)

Curriculum is based on Industry Standardized applications of current construction practices in the referenced craft and is skill-based including a system for assessment. The assessment will include task objectives, procedures, review materials, and competency-based performance tests. Curriculum is designed to be completed in levels of instruction as indicated in the outline. The levels of instruction are designed to reflect a commonly accepted progression of instruction consistent with a continuous growth and understanding of

the craft and attainment of the related craft skills. Levels comprise successive tiers of instruction and meet the minimum Apprenticeship, Training, Employer, and Labor Services requirement for classroom-related training.

A4.1- WORK PROCESSES/WORK EXPERIENCE SCHEDULE **HOURS**

This instruction and experience shall include the following operations but not necessarily in the listed sequence. Time spent on specific operations need not be continuous.

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| 1. General Trade | 2000 |
| a. Demonstrate proper safety procedures. | |
| b. Identify various types of glass. | |
| c. Demonstrate proper mechanical and manual glass handling techniques. | |
| d. Proper use and interpretation of blueprints use of specifications. | |
| e. Proper identification and use of sealants. | |
| f. Proper use of optical instruments. | |
| g. Proper care and use of ladders, scaffolds, stages and man lifts. | |
| h. Demonstrate proper rigging & hoisting procedures | |
| i. Sketching & takeoffs | |
| j. Finishes and coatings | |
| 2. Glass | 2000 |
| a. Demonstrate proper glass cutting techniques. | |
| b. Proper fabrication of mirrors & glass. | |
| c. Proper fabrication of plastics and panels. | |
| d. Re-glazing techniques. | |
| e. Installation of custom mirrors. | |
| f. Proper installation of sloped and two sided glazing. | |
| g. Installation of sloped glazing/skylights | |
| h. Installation of curtain walls | |
| i. Structural silicon glazing | |
| 3. Metal | 2000 |
| a. Aluminum fabrication. | |
| b. Entrances and hardware | |
| c. Shower and tub enclosures. | |
| d. Mall front installation | |
| e. Store front installation | |
| f. Proper installation of mechanical fasteners | |
| g. Troubleshooting doors & hardware | |

TOTAL HOURS **6000**

A5.1- GLAZIER RELATED CLASSROOM INSTRUCTION

Modules	Hours
Safety	150
Introduction to Construction Math	10
Introduction to Hand Tools	5
Introduction to Power Tools	5
Introduction to Blueprints	7.5
Basic Rigging	10
Introduction to the Trade	2.5
Types of Glass	5.5
Handling Glass Manually	5.5
Handling Glass Mechanically	5.5
Sealants	5
Basic Glass Cutting	5.5
Mirror and Glass Fabrication	15
Plastics and Panels	5
Aluminum Fabrication	15
Storefront Installation	17.5
PRIVATE "TYPE=PICT;ALT=line"Contract Documents	15
Safety Glazing Code	2.5
Intermediate Trade Math	7.5
Sealants II	5
Custom Mirror Installation	5.5
Reglazing	10
Introduction to Insulating Glass	5
Types of Windows	5
Glass Fabrication II	10
Aluminum Fabrication II	20
Entrances and Hardware	17.5
Shower and Tub Enclosures	5
Mechanical Fasteners	5
Advanced Rigging and Hoisting	7.5
Work Platforms	10
Job Measurement	10
Sketching and Takeoffs	7.5
Introduction to Supervision	15
Sloped Glazing/Skylights	10
Curtain Wall	15
Finishes and Coatings for Aluminum and Glass	7.5
Entrances and Hardware, Part II	10
TOTAL HOURS	475