

Name.....8 UH:

TIMBER FRAMERS GUILD TRAINING CURRICULUM

Journeyworker applicant self-review

Please review the Goals for Successful Completion for each Part of the Guild Training Curriculum, and check the boxes for those areas in which you can meet the stated Goals, both Theory and Practical.

PART ONE - SAFE WORK PRACTICES

Theory

Practical

1A SHOP SAFETY

1B SITE SAFETY

1C PERSONAL SAFETY

1D FIRST AID

1E HAZARDOUS MATERIALS

PART TWO – DRAWINGS & SPECIFICATIONS

2A READ DRAWINGS & DETAILS

2B SKETCH SHOP DRAWINGS & JOINERY DETAILS

2C MAKE DRAWINGS

2D CODES & STANDARDS

2E TIMBER IDENTIFICATION & LABELLING SYSTEMS

PART THREE – HISTORIC TIMBER FRAMING

3A – HISTORIC PERIODS

3B – HISTORIC TOOLS

PART FOUR – TIMBER CONVERSION

4A HEWING

4B MILLING PROCEDURES

4C HAND SAW CONVERSION

PART FIVE – TIMBER MANAGEMENT

5A SUSTAINABLE HARVESTING

5B HARVESTING TECHNIQUES

5C TREE IDENTIFICATION & PROPERTIES

5D ESTIMATING & GRADING ‘ON THE STUMP’

Name:

Theory

Practical

PART SIX – TIMBER GRADING

6A VISUAL GRADING
6B TIMBER GRADING & ENGINEERING STANDARDS

PART SEVEN – TRADE PRACTICES

7A PROJECT MANAGEMENT BASICS
7B SMALL BUSINESS BASICS
7C ESTIMATING
7D OFFICE SYSTEMS
7E COMMUNICATING WITH CLIENTS & CO-WORKERS
7F GOOD WORK HABITS
7G YARD MANAGEMENT
7H INSTRUCTIONAL TECHNIQUES
7I APPRENTICESHIP LOGBOOK

PART EIGHT – TRADE SCIENCES

8A MECHANICAL PROPERTIES OF TIMBER FRAMES
8B FORCES & STRESSES IN TIMBER FRAMES
8C PROPERTIES & REACTIONS OF WOOD
8D FORCES & STRESSES IN FASTENERS
8E CALCULATE LOADS
8F DESIGN TIMBER FRAMES
8G TRADE MATH
8H CONSTRUCTION GEOMETRY
8I DEVELOPED DRAWING
8J TRIGONOMETRY
8K RATIOS & PROPORTIONS
8L COMPUTER AIDED DESIGN (CAD)
8M COMPUTER AIDED ENGINEERING (CAE)
8N TIMBER FRAMING TERMINOLOGY

PART NINE – TIMBER FRAMING TECHNIQUES

9A TIMBER SELECTION
9B TIMBER HANDLING
9C SHOP FLOW
9D SQUARE RULE LAYOUT
9E SCRIBE RULE LAYOUT
9F MILL RULE LAYOUT
9G MAPPING LAYOUT
9H COMPOUND JOINERY LAYOUT
9I LAY OUT & CUT JOINERY
9J JIGS & TEMPLATES
9K ROUND LOG SCRIBING

Name:

Theory

Practical

PART TEN – TOOLS & EQUIPMENT

10A HAND TOOLS
10B PORTABLE POWER TOOLS
10C CHAINSAWS
10D STATIONARY POWER TOOLS
10E LIFTING & HOISTING EQUIPMENT
10F SURVEYING INSTRUMENTS
10G FORKLIFT
10H ACCESS EQUIPMENT
10I ACCESS MACHINERY

PART ELEVEN – RELATED MATERIALS

11A FASTENERS
11B GLUES
11C STRUCTURAL INSULATED PANELS (SIP's & SSP's)

PART TWELVE – RELATED TRADES

12A GENERAL CARPENTRY
12B FINISHING CARPENTRY
12C ENCLOSING TIMBER FRAMES
12D PLUMBING, MECHANICAL & ELECTRICAL SUB-TRADES

PART THIRTEEN – RELATED SKILLS

13A MAKE PEGS
13B MAKE HANDLES
13C FALLING & BUCKING
13D CARVING
13E STAIRBUILDING & HANDRAILING

PART FOURTEEN – FINISHING TIMBERS

14A CHAMFERING & EMBELLISHMENT
14B PLANING & TEXTURING
14C TIMBER FINISHES & TECHNIQUES
14D SURFACE PROTECTION

Name:

Theory

Practical

PART FIFTEEN – RAISING & RIGGING

15A SITE PREPARATION

15B LOADING & UNLOADING TRUCKS

15C WEIGHT & CoG CALCULATIONS

15D CRANES

15E TRADITIONAL RAISING & RIGGING EQUIPMENT

15F RAISING SEQUENCE & FRAME ASSEMBLY

15G ROPES, KNOTS & RIGGING FOR TIMBER FRAMERS

15H HAND RAISING (NO TACKLE)

15I INSTALLING SIP's

PART SIXTEEN – CONSERVATION TECHNIQUES

16A ETHICS & STANDARDS

16B DISMANTLING TECHNIQUES

16C REPAIR TECHNIQUES

16D CONSERVATION & PRESERVATION TECHNIQUES

16E INSPECTION, SURVEYING & RECORDING TECHNIQUES

16F ESTIMATING REPAIRS

Note that there are both Theory and Practical Goals; some sections have one or the other or both. They need to each be considered separately. The Theory Goals are usually written tests pertaining to the Content in the outline, and are often a multiple choice test or a theoretical exercise such as "identify the parts of a frame from a drawing" or " design a small frame showing plan and elevation views". The Practical Goals are usually hands-on or on-the-job skills that need to be demonstrated, such as "lead a crane raising" or "demonstrate proper ladder setup". You should be able, by looking at the Content, to predict whether or not you'd be likely to achieve the Goals for each part. Please fill out the Self-Review in Acrobat Reader if you have it; other formats are acceptable if you don't.