



Zukunftsbau GmbH

Curriculum

BASICON

European Building Essentials

Imprint



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Leonardo da Vinci
Pilot Projects

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The contents do not necessarily reflect the official views of the European Commission.

Contents

MODULE 1

General Principles, Worker-Employer Relations, Safety Regulations, Environmental Protection	6
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MODULE 2

Preparation and Clearing of the Construction Site, Laying the Foundations	9
--	----------

UNIT 1 Setting Up, Securing and Fencing Off the Work Site	11
UNIT 2 Transport and Storage of Material and Machines	14
UNIT 3 Excavation	16
UNIT 4 Sewage, Streets and Open Areas	19

MODULE 3

Walls and Concrete Constructions	22
---	-----------

UNIT 1 Ladders, Builder's Hoist and Scaffolding	24
UNIT 2 Concrete and Steel Components	26
UNIT 3 Mortar	29
UNIT 4 Natural and Artificial Masonry	31

MODULE 4

Interior Work and Coating 33

UNIT 1 Sand and Cement Screeded and Stone Floors	35
UNIT 2 Tiles and Panels	38
UNIT 3 Wall and Ceiling Components, Insulation	40
UNIT 4 Roofing	43

MODULE 5

Repairs and Renovation 45

UNIT 1 Demolition and Renovation (Protected Buildings)	47
UNIT 2 Painting	49
UNIT 3 Flooring	51
UNIT 4 Working with Metal, Plastics and Wood	53
UNIT 5 Heating and Sanitary Facilities	55
UNIT 6 Electrical installations	57

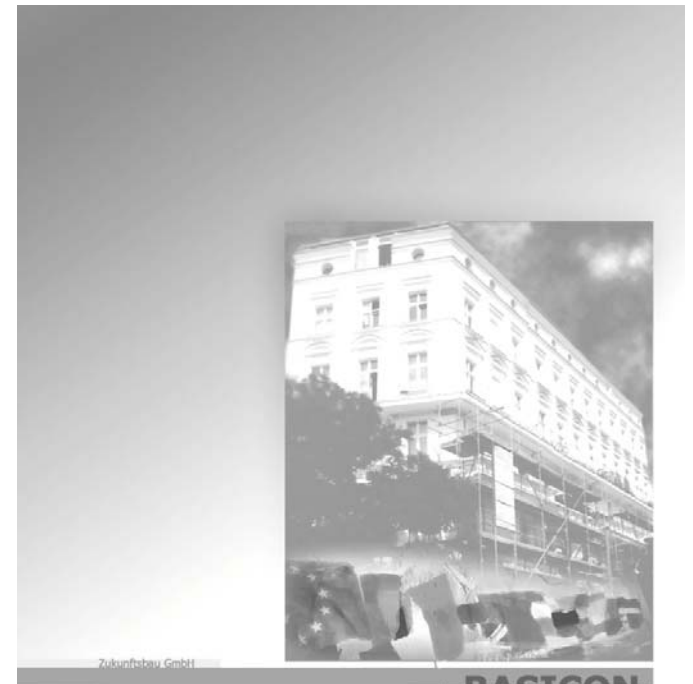
MODULE 6

Computer Basics (optional) **59**

UNIT 1 Installing hardware and operating system (Windows) 61

UNIT 2 Installing word processing system (Word) 63

UNIT 3 Installing internet and email 65



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BASICON

MODULE 5

REPAIRS AND RENOVATION

CONTENTS

Unit 1

Demolition and Renovation

Unit 2

Painting

Unit 3

Flooring

Unit 4

Working with Metal, Plastics and Wood

Unit 5

Heating and Sanitary Facilities

Unit 6

Electrical Installations

Unit 1

Demolition and Renovation

Goals

Contents

Conservation of Existing Material

*goals and tasks of renovation;
reasons for preserving existing buildings from destruction, dilapidation, damage and disrepair*

Fire Prevention

guidelines for working in rooms or buildings where there is a risk of fire

Work Safety

wearing personal protection (glasses, gloves, protective shoes, face masks)

Methods of Building Protection

*types of building protection;
heat, humidity, sound and fire protection;
basic physical principles of building protection;
technological principles of building protection (corrosion protection, insulation, etc.);
building materials used in building protection, contaminating materials*

Mortising

*getting to know tools and equipment used for mortising;
checking condition of tools and equipment;
marking areas for pressing and determining locations of concealed installations;
carrying out work according to work safety guidelines*

Removing Old Wall and Floor Coverings	<i>removing coverings made of wood, paper (wallpaper), plastic and metal using proper tools and equipment</i>
Separation of Building Rubble	<i>separation and storage criteria (type of material, size, condition, hazardous materials, quantity); sorting building rubble and storing contaminated materials</i>
Preliminary Treatment of Surfaces	<i>methods of cleaning surfaces and cleansing agents; cleaning, sanding, roughening and derusting preparation of materials for repair work</i>
Repairs	<i>tools and equipment for repairing surfaces by plastering, filling, smoothing and applying preliminary coats of paint; applying materials (plaster, putty, filler); distribution of materials</i>
Building Protection	<i>application of heat, humidity, sound and fire protection</i>
Application of Waterproofing and Water Resistant Agents	<i>transport and application of protective layering and water proofing on wood surfaces according to technical regulations</i>
Recording Work Results	<i>documenting work results as a guide for subsequent work (location of supports, pipes, cables, etc.)</i>