

ONLINE SHELTERMAKER COURSE

The Online Sheltermaker Course offers a unique opportunity for participating Students to create viable natural building designs to support their unique living needs.

Course material consists of the volumes of The Sheltermaker's Manual containing the unique and proven Sheltermaker Design Programme which is supported by preformatted Worksheets.

Tuition consists of 5 Segments delivered via the internet at one month intervals over a 5 month period. These consist of an exclusive 1 hour video overview of the topics to be covered in each Segment along with insights and recommendations as to how a Student can most benefit from the work to be carried out. Students have 3 weeks to carry out the design work relative to each Segment and to prepare their Assignments which are submitted to tutor Peter Cowman via the internet. Students will receive individual written Reports on their submitted Assignments delivered over the internet. These will be configured to assist Students in achieving the objective of evolving a design suited to their stated desires and needs.

A Question & Answer eMail facility will be available to Students within the Course timeframe. Students can also exercise the option of having OneOne Videophone or telephone Mentoring* with tutor Peter Cowman on their projects if they so wish.

No previous experience of design or construction is needed to participate and benefit from this unique Course nor is it a requirement that Students have land available to them to build on. A positive attitude and a commitment to the process is all that is required. Students must follow the designated Course sequence and submit their Assignments as specified within each Segment. Certificates will be issued to Students on successful completion of the Course.

SEGMENTS & ASSIGNMENTS

Segment 1

Complete the Sheltermaker Design Programme Steps:

- Step 1 Starting Off
- Step 2 Drawing Up A List Of Spaces
- Step 3 Assembling Design & Style Information
- Step 4 Analysing Your Chosen Spaces
- Step 5 Analysing Regular Household Activities
- Step 6 Getting Organised
- Step 7 Setting Out Your Budget
- Step 8 Assembling Furniture & Equipment Measurements
- Step 9 Drawing
- Step 10 Making Drawings
- Step 11 Making Scaled Drawings
- Step 12 Creating Furniture & Equipment Models
- Step 13 Creating Space MockUps
- Step 14 Estimating Total Floor Area
- Step 15 Surveying

Assignment 1

Submitted 3 weeks after commencing Course

Submit copies of List of Spaces Budget and Floor Area Worksheets

If renovating or designing an extension to an existing building submit Survey information also

Segment 2

Circulated 1 month after Segment 1

Complete the Sheltermaker Design Programme Steps:

- Step 16 Understanding The Principles of Building Structures
- Step 17 Distinguishing Between The Types of Building Structure
- Step 18 The Role of Foundations
- Step 19 Taking On Board Compliance With The Building Regulations
- Step 20 Environment
- Step 21 Introduction To Heating & Ventilation
- Step 22 The Role Of Air & Water In Heating & Ventilation
- Step 23 Heat Losses & Heat Gains; Thermal Mass & Insulation
- Step 24 Measurements & Calculations
- Step 25 Passive Solar Design
- Step 26 Fuels & Systems
- Step 27 Reviewing Your Work

Assignment 2

Submitted 3 weeks after receiving Segment 2 material

Submit copies of Environment Heating & Ventilation and Construction Worksheets

Segment 3

Circulated 1 month after Segment 2

Complete the Sheltermaker Design Programme Steps:

- Step 28 Understanding Timber
- Step 29 Wood The Facts
- Step 30 Wood Technical Facts & Figures
- Step 31 Choosing Other Materials & Products
- Step 32 Choosing A Construction System
- Step 33 Services Plumbing
- Step 34 Services Drainage
- Step 35 Services Electrical
- Step 36 Planning Regulations
- Step 37 Building Regulations
- Step 38 Site Analysis

Assignment 3

Submitted 3 weeks after receiving Segment 3 material

Submit copies of Plumbing Drainage Electrical and Site Analysis Worksheets

Segment 4

Circulated 1 month after Segment 3

Complete the Sheltermaker Design Programme Steps:

Step 39 Brief Appraisal

Step 40 The Sun Path

Step 41 Circulation

Step 42 Developing A Layout

Step 43 Costing Your Design

Step 44 Finalising Your Sketch Design

Assignment 4

Submitted 3 weeks after receiving Segment 4 material

Develop and configure your design and submit

Segment 5

Circulated 1 month after Segment 4

Complete the Sheltermaker Design Programme Steps:

Step 45 Creating Planning Drawings

Step 46 Making The Planning Application

Step 47 Preparing Working Drawings

Step 48 Constructing Your Design

Step 49 Living In Your Architecture

Assignment 5

Submitted 3 weeks after receiving Segment 5 material

Refine your design and submit

Assignment 5+

Oftentimes a student will wish to extend the tutorial support into the construction phase of their projects. This can be facilitated by arrangement with Peter Cowman

FEES

The Course Fees of €350 include The Sheltermaker's Manual, The Sheltermaker Design Programme, pre-formatted Worksheets, Tuition, Q&A Facility and Individual Assignment Reports.

Fees can be paid by credit card, PayPal, bank transfer, Money Order or cheque.

*Optional 90 min. One2One Skype Videophone or landline telephone Sheltermaker Mentoring with Peter Cowman cost €75 per session in addition to the Course Fees. There will be an extra charge for Mentoring delivered to mobile phones.

To enrol in the *Sheltermaker Course* or to obtain further information eMail: sheltermaker@gmail.com