



## The Trussed Rafter Association Voice of the Trussed Rafter Industry



### TRAINING THROUGH THE TRA

Working closely with Edinburgh Napier University, the Trussed Rafter Association has developed an on-line training facility for design professionals in the industry.

#### WHO SHOULD DO THE COURSE?

Those who are currently employed as trussed rafter designers and those who are training to be trussed rafter designers.

The "Essentials" element of the course is suitable for new entrants to the industry and so is offered as a stand alone training module.

Preferential rates are available to TRA Member companies.

#### HOW LONG WILL IT TAKE?

The **Essentials** and **Advanced** course elements together provide around 40 hours of on-line learning.

Candidates are encouraged to progress at their own pace and will automatically get access to the on-line materials for 6 months. .

#### FAQs

##### What qualification does the course deliver?

A TRA / Napier grade certificate will be issued based on the final on-line exam. The level of the course is designed to be similar to a post A Level/ HNC level or the Scottish Credit and Qualifications Framework (SCQF) Level 8. The Essentials element alone would be level 7.

##### Is there any support available through the course?

The course is intended to be a 'stand alone' on-line course. However, we recommend you identify an in-company mentor with experience in trussed rafter design or timber engineering prior to embarking on the course.

#### CONTACT US

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### COURSE CONTENT

#### THE ESSENTIALS ELEMENT

1. Industry Terminology
2. Roof and Truss Shapes
3. Reading Drawings
4. Trussed Rafters as a Structural Form
5. Creation of Roofscapes
6. Summary and Applications.

#### MORE FAQs

##### How is the course accessed?

This course is delivered using Edinburgh Napier University's Virtual Learning Environment. Access to the course is through a user ID and password, which you will receive once you have purchased the course.

##### Are there any pre-requisites that are needed for the course?

None, other than access to a computer and the Internet.

##### Are any other materials required?

None - everything is included in the on-line course. However, it would be an advantage to also have access to relevant design standards and truss design software.

##### Does the course involve any tests?

There is a short test at the end of each section. Also there is an on-line examination of 30 questions to achieve a grade certificate.

##### Is there an access capability for disabled learners?

Generally yes there is. However, due to the subject matter, not all the material is suitable for screen readers.

#### THE ADVANCED ELEMENT

7. Basic Structural Mechanics
8. Basic Structural Analysis
9. More about Drawings and Engineering Design

The content of each new section is released after successful completion of a short test at the end of the previous section. The number of attempts is unlimited and a passing grade of 70% is required.

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