

KFE Guidance Note – KFE4Skills21 Hybrid Online Event:

This document provides the KFE competition specification outline for the 2021 hybrid format competition round detailed below. It sets out the expected elements of each industry round's competition. It is designed to ensure each competition within **KFE4Skills 2021** is similarly framed and that essential information is uniformly provided.

As every industry round differs, where such differences require amendments to the overall Competition Rules & Guidance, relevant specifications will include such details (for example entry criteria, pre-qualification submissions and competitor or team numbers for some industry rounds).

Registration for the competition rounds must be completed by the closing date by college staff via the KFE website's Skills Competitions Page:

<https://www.kentfurthereducation.org/skills-competitions-1>

Competition Rules & Guidance and all other information about KFE4Skills can also be found here. The overall Competition Rules & Guidance must be read in conjunction with this specification document.

2021 is a hybrid event whereby competition skills are demonstrated at local colleges and linked to others through digital tools and an event platform Arrivals and sign-in for each round may vary slightly. Competition day is from 9am-5pm with most industry rounds commencing from 9:30am following local sign-in and event launch on the main event platform.

Familiarisation time and health and safety briefings may be necessary and will be included in relevant rounds' schedule. All competitions should be completed by 4pm and all awards and the event overall by 5pm.

Good luck if you are competing and thank you if you are supporting delivery of, or entering this competition! Further information about KFE4Skills: www.kentfurthereducation.org or email: kentfurthereducation@gmail.com

Competition Outline – Site Carpentry: Gambrel Roof – Level 2 and Level 3

This **KFE4Skills** competition is designed to prepare competitors for real life scenarios in the industry. It is also intended to hone and improve skills and the ability to make decisions and resolve challenges which could be faced in a typical day or in exceptional circumstances.

Participants will benefit from gaining not only an exciting competition experience that stretches and challenges them, but also a chance to enhance CVs and a greater opportunity to find work in the industry of their choice.

This competition will allow the contestants to show case their individual abilities. The rest of this outline provides the general guidance including entry criteria and competitor numbers for this industry skill.

Criteria for entry

Entrants must be in education and/or employment with training, at one of the KFE college organisations (EKC Group, MidKent College and North Kent College (including West Kent College and Hadlow College), and/or have completed or be undertaking a relevant Level 2 or 3 or above programme within the last 12 months. **Note NKC/WKC will not be competing in 2021.**

At the time of entry the entrants must have been challenged at the level of the competition. This means that entry is only possible through a selection process at the entrants local college and with the endorsement and verification of the lead staff from that college.

Each college organisation (not campus) may enter up to 2 competitors per Level. This means this industry competition may have up to 8 KFE4Skills finalists participating on the day (4 per KFE college organisation (MKC and EKC)).

Each college group (not campus) may enter 4 competitors – this is 2 for Level 2 and 2 for Level 3.

This requirement is due to space and applicable Covid-Safe limitations in place at the time of the event. This means this industry competition may have up to 8 KFE4Skills finalists participating on the day in a junior (4) and senior (4) competition. Whilst tasks may be similar they will be scored based on expected skill levels.

KFE Competition Specification for Site Carpentry - Gambrel Roof L2 & L3

Preparatory Brief

All candidates will need to bring with them their tools and PPE as stated in the equipment list below. Candidates will then be given planed softwood to the correct dimensions and be given a work space each.

Please note the levels of students when registering them via the KFE website portal **by placing (2) or (3) after their surname.**

Despite the impact of Covid-19 Safe procedures and guidelines it is hoped that for this industry round KFE4Skills will be able to deliver a virtually connected online competition. Should the situation nearing the time of the event require it this round may be adapted to include pre-event prep tasks that can still be shared for judging purposes. Skill tests are all to be conducted at home colleges.

Gambrel Roof diagram is at **Appendix 1.**

Core Competences

- Understanding and reading drawings
- How to work out rafter lengths and angles
- Cutting basic joints

Overall Competition Timings

KFE4Skills 2021 will be undertaken in a hybrid format. This requires competitors from each college organisation to participate from their respective college campus sites. An overall online event platform will be used to support the day and for engagement with each industry competition at key points during the day. Individual industry competitions will link participating colleges using other online conferencing tools.

Competitors should arrive on the day at their colleges as detailed below from **9am to 9:15am when competitors will sign-in at their college's industry round desks or work stations.**

Competitions will commence from 9:30am including any familiarisation period required by all competitors. All competitions should be completed by 5pm including all judging announcements of winners and awards ceremonies.

Note: A free lunch voucher option will be available to competitors. The venue's commercial food outlets and the event's rest areas may be used additionally if required and if open in accordance with any Covid-19 safe requirements in place at the time.

The event lunch period will be between 12 noon and 2pm and competitors should be given time during that window for lunch and relaxation up to maximum of 1 hour. For practical reasons how this is undertaken is at the discretion of the industry skills competition organisers.

Order of Competition

These timings are provisional and will be reflected by the overall event schedule.*

- 9:00-9:15am - Arrival and event registration at local home college
- 9:15-9:30am - Competitors (and staff) log in to REMO Event hosting platform
- 9:30-9:40am – Event Welcome and Launch via REMO
- 9:40-9:45am – Local colleges link using online conferencing tools (Zoom or Teams TBC)
- 9:45-10:00am – **Work station prep time / health & safety briefing**
- 10:00-11:30am - **Competition Challenge Phase (1.5 hours)**
- 11:30-11:45am - Refreshment and Comfort Break
- 11:45-1:00pm - **Competition Challenge Phase – (1.25 hours)**
- 1:00–1:30pm - Lunch
- 1:30-4:00pm - **Competition Challenge Phase – (2.5 hours)**
- 4:00-4:15pm – Marking & Judging Panel
- 4:15-4:25pm – Judging confirmation – Link to REMO
- 4.25pm – REMO winner announcements
- 4.35pm – Industry Round Closes

The above times are a guide and may flex on the day as required.

Marking & Assessment

For marking criteria, see below judges' marking sheets.

Resources & Attire

1. Pencil
 2. Steel toe-capped boots
 3. Work trousers
 4. Bevel edged chisels (set)
 5. Combination/Try square
 6. Combination gauge
 7. Mallet
 8. Block plane
 9. Speed square
 10. Tenon Saw
 11. Sliding bevel
 12. Combi drill + pilot bit
 13. Steel rule + tape measure
- On site home colleges will provide a workshop space with work benches fitted with vices.
 - Any other PPE required if and when required (excluding boots).
 - Provide woodscrews as and when required.
 - The competition will take place in [home college workshops](#).

Where applicable Covid-19 Safe requirements are in place these must be followed.

Judges Marking Sheets

The KFE competition will use marking guides best suited to the industry event. The example scoring sheet is below. Judges will be selected from the expert KFE staff drawn from various colleges.

Judges will be selected from the expert KFE staff drawn from various colleges. Panels will normally number three to five judges and in some cases may include an external judge from the industry sector or an awarding body. Judges' decisions are final in all instances, although scoring will be open and transparent.

Local College Contacts

The following names staff are the identified leads at each college for this industry competition. They may be contacted in the first instance for information pertaining to each colleges' entry, selection process and preparations for their students:

- EKC Group – Dane Simmonds / Julian Coleman
- MKC – James Egan / Sarah Shucksmith / Richard Mills / Nabil Mugharbel
- NKC – Derek Rutherford
- WKC – Paul Lloyd

Competition Awards

Each industry competition will select three overall winners with judging scores defining the overall first, second and third places as gold, silver and bronze. Medals will be provided to the three winners and a participation certificate of commendation will be provided to all that take part.

KFE Competition Specification #KFE4Skills 2021



Event Contact

For general information about the competition please contact KFE via the 'contact' form on the KFE site at www.kentfurthereducation.org or speak to your college's local competition lead.

Event information and specification updates are available at www.kentfurthereducation.org. It is recommended that the Skills Competitions page is checked regularly as specifications may be modified up to a week before the event.

Judges Marking Sheets

The KFE competition will use marking guides best suited to the industry event. Scoring sheets will be confirmed on the day. An example is below.

KFE Carpentry - Marking Schedule 2019

Name of Competitor/Student:				
	Marking Objective	Score Given:	Criteria Guidance	
1	Wall plate width		0 mm out = 10 pts 1 mm out = 9 pts 2 mm out = 8 pts 3 mm out = 7 pts 4 mm out = 6 pts 5 mm out = 5 pts 6 mm out = 4 pts 7 mm out = 3 pts 8 mm out = 2 pts 9 mm out = 1 pts 10 mm out = 0 pts	
2	Wall plate length			
3	Wall plate joint accuracy			
4	Lower rafter - Left 1 – plumb cut			
5	Lower rafter – Right 2 – plumb cut			
6	Lower rafter – Right 3 – plumb cut			
7	Lower rafter – Right 1 – seat cut			
8	Lower rafter – Left 2 – seat cut			
9	Lower rafter – Left 3 – seat cut			
10	Upper rafter – Left 2 – plumb cut			
11	Upper rafter Left 3 – plumb cut			
12	Upper rafter – right 2 – plumb cut			
13	Upper rafter – Left 1 – seat cut			
14	Upper rafter – Right 1 – seat cut			
15	Upper rafter – Right 3 – seat cut			
16	Ridge plane angle 1			
17	Ridge plane angle 2			
18	Overall Height of ridge			
19	Overall height upper wall plate			
20	Overall span on upper wall plate			
21	Area left clean and tidy from debris			
22	No damage left on timbers overall			
23	Fixings flush and tight			
24	Extra timber use -5 per piece			
			←←←score total out of: 230	
This wall was marked by:		Name:	Sign	

Note: Gambrel Roof Diagram is at Appendix 1.

KFE Competition Specification #KFE4Skills 2021

Appendix 1

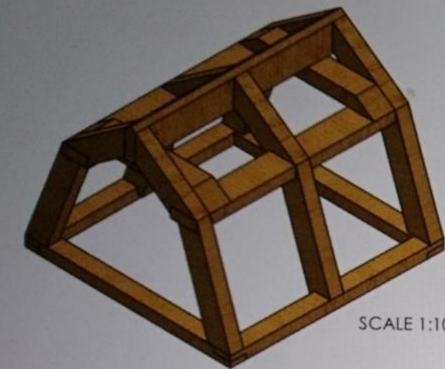
Home College Site

DESCRIPTION
GAMBREL ROOF

DRAWN BY	DATE	DRAWING	MATERIAL
A.G	14/12/18	CC01	EUROPEAN WHITE WOOD
CHANGED BY	DATE	SHEET	FINISH
		1 OF 1	PLANED SMOOTH
APPROVED BY	DATE	TOLERANCE	SCALE
		± 0	ALL DIMENSIONS IN MM 1:5
			REVISION
			1

SUPPLY LIST

ITEM NO.	TIMBER DIMENSIONS	QTY.
1	40x60x800	4
2	40x120x800	1
3	50x80x450	6
4	50x80x350	6
5	40x100x800	2
6	50x80x550	2



SCALE 1:10

