

KFE Guidance Note:

This document provides a KFE competition specification outline. It sets out the expected elements of each industry round's competition. It is designed to ensure each competition within **KFE4Skills 2020** is similarly framed and that essential information is uniformly provided.

A set of overall Competition Rules & Guidance must be read in conjunction with this specification document. As every industry round differs, where such differences require amendments to the overall Competition Rules & Guidance, relevant specifications will include such amended details (for example entry criteria, pre-qualification submissions and competitor or team numbers for some industry rounds).

Registration in advance must be completed by college staff via the KFE website's Skills Competitions Page: <https://www.kentfurthereducation.org/skills-competitions-1>, where the Competition Rules & Guidance and all other key information about KFE4Skills can be found.

Arrivals and sign-in on competition day is from 8:45am to 9:15am with industry rounds commencing from 9:30am. Familiarisation time and health and safety briefings may be necessary and will be included in relevant rounds' schedule. All competitions and awards will be completed by 5pm.

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

Competition Outline – Site Carpentry: Gambrel Roof – 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, your 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 your choice.

Criteria for entry

Entrants must be in education and/or employment with training, at one of the four KFE colleges, and/or have completed or be undertaking a relevant Level 2 or 3 or above programme within the last 12 months.

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 qualifying process at your local college and with the endorsement and verification of the lead staff from that college. Each college group (not campus) may enter 2 competitors. This means this industry competition may have up to 8 KFE4Skills finalists participating on the day.

This task is set at a Level 3 standard and is that of creating a roof with dual pitches. All parts of the roof must be level and true throughout.

KFE Competition Specification for Site Carpentry - Gambrel Roof

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.

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 arrivals on the day will be from 8:45am to 9:15am when competitors will sign-in at the registration desks.

Competitions will commence from 9:30am including any familiarisation period required by all competitors and especially for those for whom the venue and accommodation is not their home college site. All competitions should be completed by 5pm including all judging announcements of winners and awards ceremonies.

Note: A free packed-lunch option will be available to competitors. The venue's commercial food outlets and the events rest areas may be used additionally if required. The event lunch period will be between 12 noon and 2pm and competitors should be given time during that window for lunch and relaxation. For practical reasons how this is undertaken is at the discretion of the industry skills competition organisers.

Order of Competition

8.45 – 9.15	Arrival and sign-in at registration desks
9:30 – 9:35	Competition Briefing and familiarisation
9.40 – 9.45	Get tools and equipment ready
9.45 – 12.45	Competition Begins
12.45 – 13.15	Lunch
13.15 – 16.00	Competition Continues - Learners working
16.00 – 16.30	Judging and Marking
16.30 – 16.45	Announce winners and prizes

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

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 we will provide a workshop space with work benches fitted with vices as well as any other PPE required if and when required (excluding boots). We will also provide woodscrews as and when required. The competition will take place in workshop TG11.

Marking & Assessment

For marking criteria, see below judges' marking sheets.

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
- MKC – James Egan / Sarah Shucksmith
- NKC – Derek Rutherford
- WKAC – Paul Lloyd / Jim Mawby

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.

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 2020

Appendix 1

