

V42 Dental Technician



1. Final Task Assignment

The task consists in the completion of two modules.

- Module n°1: Using a provided full jaw model made of plaster, contestants will produce the metal ceramic crown for one tooth, which will be specified on the day of the contest.
 - The two metallic frames for the two different teeth will be provided on the model.
 - Contestants must apply an opaque layer.
 - They will then deliver their work to the jury, who will take care of the ceramic firing in the oven.
 - Contestants are free to apply a second opaque layer and re-fire the ceramic.
- (Suggestion: In order not to lose too much time, contestants can start the task 2 while the ceramic firing is underway.)
- The necessary ceramic powders will be provided. Contestants must prepare the ceramic powder before its application on the metallic frames.
 - Several ceramic firings can be performed in order to obtain the final ceramics: The assembly of the ceramic will be done using the “step by step” technique.
 - Once the contestants are satisfied with the morphology, they will proceed to ceramic firing (handled by members of the jury). They are free to repeat this procedure and to perform adjustments.
- Module n°2 (Wax up): Using a provided model made of plaster, contestants must perform the wax-up of two teeth (to be specified on the day of the contest), while taking care to respect the aesthetics and the morphology of the model.

2. Allocated time: 6h00

6 hours of competition.

3. Requirements

- Contestants must keep their work station clean and respect the rules of safety and hygiene for the duration of the competition.
- Contestants are not allowed to lend or to borrow any tool for the duration of the competition.
- Any contestant noticing a defective material or tool will notify the jury immediately.
- Contestants are responsible for managing their competition time in order to be able to complete both module n°1 and module n°2.
- During the allocated time, contestants must submit to the jury for evaluation:
 - The opaque-covered structure after the ceramic firing
 - The ceramic assembly before the first firing.
- During the evaluation, the allocated time will not be stopped. Contestants may start working on module n°2 while module n°1 is being evaluated.
- Contestants will notify the jury as soon as they complete the task.

4. Procedure

Day 1 (March 25th): Contestants will be welcomed on the contest stand by members of the jury. A briefing about the organization of the competition and the safety rules will be arranged.

Contestants will have 3 hours and 30 minutes to work on their task.

Day 2 (March 26th): Contestants will have 2 hours and 30 minutes to complete the task.

N°	5. Items to be evaluated	Barème
Module 1		60
01	Quality of the opaque before assembly of the ceramic on tooth n°1 (after firing)	10
02	General aspect, morphology of tooth (before firing)	8
03	General aspect: morphology of tooth after firing	9
04	Presence of 2 contact points on tooth	6
05	Morphological integration of tooth	10
06	Respect of the shade of tooth	5
07	Respect of the model	3
08	Respect of the safety and hygiene rules	9
Module 2		40
09	General aspect of the tooth	8
10	Presence of 2 contact points	6
11	Occlusal morphology of the tooth	7
12	Vestibular morphology of the tooth	7
13	Buccal morphology of the tooth	4
14	General quality of the wax job	8
TOTAL POINTS		100



Abi wishes you a good competition!