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**Massachusetts Board State Examiners of Electricians**  
**Hybrid Education Workgroup Subcommittee Meeting Minutes**  
**October 16, 2024**

Conducted remotely via Microsoft Teams meeting

The meeting was called to order at 10:00 A.M.

**The following Board members were present:**

John Bagni, MAVA Member  
David Edmonds, Dept. of Elementary and Secondary Education Designee  
Paul Malagrifa, IMSA Member  
Brendan Driscoll, Journeyman Member  
Gerald Graham, Inspector of Wires Member  
Carlos Caceda, Member

**The following members of Board Staff were present:**

Keith Gleason, Executive Director  
Tamara Smith, Program Coordinator  
Philip Chan, Board Counsel

**The following public attendees were noted:**

Beverly Kennedy, Kennedy Seminars  
Paul Kennedy, Kennedy Seminars  
Nathan Poland, Advanced Technical School

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D. Edmonds made a nomination, it was seconded by B. Driscoll and so unanimously voted: to install John Bagni as subcommittee chair.

1. **Reviewed/Discussed** how to successfully design a hybrid option for pre-licensure education providers:

- 600hr Journeyman Program
- 150hr Master Program
- 300hr System Technician Program
- 75hr System Contractor Program



- The Executive Director was asked whether there is a mandate for the Board to develop a hybrid model and he stated there has not been an official mandate coming from the administration however there has been talk with respect to removing barriers within the Economic Development plan to add more electricians. He added that it is apparent that the consideration would be focused on post-secondary education level.
- P. Malagrifa commented that there are a host of additional reasons that warrant the Board's consideration of developing a hybrid model including addressing the reciprocity agreement issue and dwindling numbers of new licensees in the state.

10:15 A.M. Board Counsel joined the meeting

- B. Driscoll proposed the subcommittee limit the hybrid model to synchronous education only, while P. Malagrifa argued that asynchronous inclusion should not be entirely ruled out as the subcommittee learns more on the pedagogy.

The subcommittee proceeded to assign standards of the DESE frameworks to the categories in which they may be offered in-person or online and the method of delivery as follows:

Standard 1: [Safety and Health in a Construction Environment](#) - (All skills) In-person

Standard 2: [Print Reading](#) – (All skills) Online Synchronous

Standard 3: [Anchors and Fasteners](#) – (All skills) In-person

Standard 4: [Basics of Circuitry](#) – Online except where “performance” is required

Standard 5: [Codes, Regulations and References](#) – (All skills) Online Synchronous

Standard 6: [Raceways, Fittings, Supports and Boxes](#) - (All skills) In-person

Standard 7: [Fundamentals of Conductors, Cables, and Terminations](#) - (All skills) In-person

Standard 8: [Power and Distribution of Electricity](#) - (All skills) In-person

Standard 9: [Overcurrent Protection](#) - (All skills) In-Person

Standard 10: [Transformers](#) - (All skills) In-Person

Standard 11: [Motors and Motor Controls](#) - (All skills) In-Person

Standard 12: [Fundamentals of Grounding and Bonding](#) – (All skills) Online Synchronous

Standard 13: [Luminaires and Luminaire Controls](#) – In-Person

Standard 14: [Basic Low Voltage Wiring](#) – In-person

Standard 15: [Sustainable Practices in Electric Power Production Sources](#) (All skills) In-Person

- The subcommittee agreed that once established and provided the regulation amendments are in place proficiency tests should be required to be in-person, mandatory enrichment and hybrid programs would be required to be completed in entirety without switching providers.
- The subcommittee determined the next steps would be to establish criteria for the hybrid platform and the curriculum. The next meeting will be scheduled for November 13 at 10 A.M.

2. **Discussed** other matters not reasonably anticipated 48 hours in advance of meeting.

### 3. **Adjournment**

At 11:36 A.M. P. Malagrifa made a motion B. Driscoll seconded, and it was so unanimously voted to adjourn.

## List of Documents used at the meeting

1. Meeting agenda
2. DESE Electricity Standards and Skills
3. 237 CMR section 22