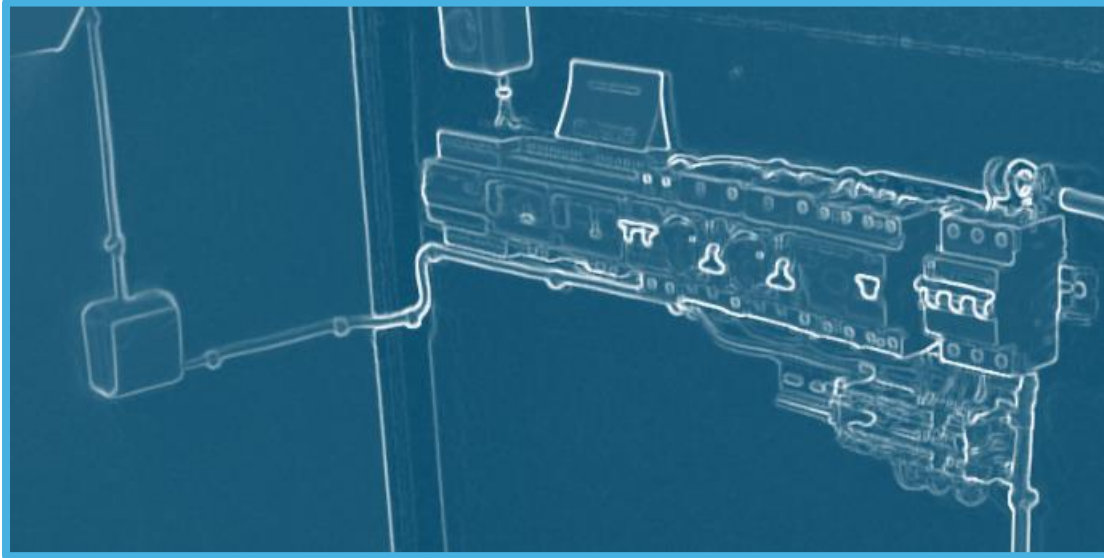


Good Practice: Cooperative learning for electricians specialty

Provided by: Tallinn Construction School



21st Century Skill connected: *critical thinking, communication skills, self-management*

How this good practice works:

Compilation of the final thesis (project-based learning) for electricians specialty – work preparation, established analysis discussion with group members, finding solution variants, avoiding unsuitable variants by comparison, preparation on paper, students check each other's work, digitize after mutual confirmation of results, make additions and corrections during digitization if necessary and by agreement, evaluate the work of the other group.

How this solves problems and/or stimulates social vocational skills:

The work of an electrician requires logical thinking, a sense of responsibility and accuracy. Successful work is supported by consistency, emotional stability, ability to focus, adapt and analyze. This practice is good, because visualization (drawings, diagrams) is necessary during the whole process and equalizes all types of communication methods - audio, visual, etc.

This method supports:

- Communicating one's opinion in an obvious form
- Logical and emotion-free justification of one's opinion
- The ability to listen and constructively assess the opinion of opponents

How this good practice matches with the connected 21st Century Skills:

Student:

- looks at the problem and different solution options in the light of critical thinking
- seeks a solution to the problem in cooperation with other students – communication skills
- which meets the set professional framework requirements – self-management
- knowing your rights and responsibilities as a future employee – being a citizen
- creative solving of problem tasks as a team – being a citizen; critical thinking; communication; creativity; cooperation.