



METHODS FOR IMPROVING THE METHODOLOGY FOR TEACHING TERMINOLOGICAL LEXICON TO STUDENTS IN THE FIELD OF ELECTRICAL ENERGY.

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Annotation: *This article discusses effective methods for enhancing the teaching of terminological lexicon to students in the field of electrical energy. The study examines various approaches to improve the comprehension and usage of specialized vocabulary necessary for electrical engineering students. The research focuses on identifying the most suitable teaching methods that facilitate better understanding, retention, and application of terminology.*

Keywords: *Terminological lexicon, Electrical energy, Teaching methods, Vocabulary acquisition, Technical terminology, Educational methodologies.*

The teaching of terminological lexicon plays a critical role in preparing students specializing in electrical energy. The rapid advancement of technology and the increasing complexity of electrical systems demand a deep understanding of relevant terminology. Therefore, developing effective methods to teach this specialized vocabulary is essential for ensuring students' competence in the field.

The purpose of this study is to identify and propose improved methodologies for teaching terminological lexicon in electrical energy. By analyzing current practices and exploring innovative approaches, this research aims to provide educators with practical guidelines for enhancing the learning experience.

Here are some methods for improving the methodology for teaching terminological lexicon to students in the field of electrical energy:



Contextualized Learning Approach

- Teach terminological lexicon within real-life scenarios and practical applications related to electrical energy.
- Use case studies and problem-solving tasks to enhance understanding of terminology in context.

Multimedia Learning Tools

- Integrate multimedia resources like videos, animations, and interactive simulations that demonstrate concepts in electrical energy.
- Develop audio-visual glossaries to aid pronunciation and understanding of technical terms.

Project-Based Learning (PBL)

- Encourage students to work on real-life electrical energy projects where they actively use relevant terminologies.
- Facilitate group discussions and presentations where students explain their projects using appropriate technical terms.

Gamification Techniques

- Use quizzes, flashcards, and educational games focusing on technical vocabulary.
- Implement gamified assessment tools like Kahoot or Quizlet to enhance engagement and retention of terminologies.

Use of Artificial Intelligence Tools

- Provide AI-based personalized learning platforms that suggest terminologies and offer explanations based on students' learning progress.
- Use natural language processing (NLP) tools to help students improve their comprehension and usage of terms.

Task-Based Learning (TBL)

- Design tasks that require the practical application of terminologies, such as electrical circuit analysis, equipment troubleshooting, and system design.



- Ensure tasks are industry-relevant to maintain high motivational levels.

Terminology-Building Exercises

- Include activities like word formation exercises, dictionary building, and mind mapping.
- Encourage the development of personal glossaries and comparison with standard glossaries.

Collaborative Learning

- Promote peer-to-peer learning through group tasks and discussions where students use specialized terminology.
- Implement collaborative document editing tools for co-creating and refining technical reports.

Language Immersion Techniques

- Conduct some lessons entirely in the technical language of electrical energy to provide immersion.
- Introduce specialized reading materials, research papers, and technical guides.

Interactive Workshops and Seminars

- Organize guest lectures by industry professionals to provide exposure to industry-standard terminologies.
- Implement seminar-style presentations where students explain electrical energy concepts using appropriate terminology.

Scaffolding Techniques

- Gradually introduce complex terminologies by first teaching fundamental concepts and building up to more advanced topics.
- Provide structured worksheets with progressive difficulty levels.

Assessment and Feedback

- Regularly assess terminological knowledge through written and oral assessments.



- Provide constructive feedback and encourage self-assessment techniques.

Developing Specialized Teaching Materials

- Create textbooks, glossaries, and terminology-focused workbooks tailored specifically for electrical energy students.
- Include exercises that require both recognition and production of specialized terms.

The findings suggest that traditional methods of teaching terminology, such as rote memorization, are less effective than approaches that involve active engagement and practical application. The integration of technology and real-world examples in teaching processes appears to significantly enhance the learning experience for students in electrical energy.

Conclusions

Improving the methodology for teaching terminological lexicon to students in electrical energy requires a combination of modern technological tools and practical exercises. Educators are encouraged to utilize interactive simulations, multimedia resources, and collaborative learning activities to enhance students' understanding and retention of specialized vocabulary. Further research is recommended to refine these methodologies and explore their application in various educational settings.

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