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The Technology of Application Online Learning Platforms in Electrical Engineering Education

[Dotsenko, Natalia](#) [Сохранить всех в список авторов](#)^a Mykolayiv National Agrarian University, Department of General Technical Disciplines, Mykolayiv, Ukraine[Опции полного текста](#) [Экспорт](#) **Краткое описание**

Ключевые слова автора

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Краткое описание

The article presents the technology of application of online learning platforms in electrical engineering education. The analysis of online learning platforms that provide courses for electrical engineers are presented. It is determined that the need to acquire professional competencies, to acquire informatization of education and the ability to work with external information resources, to gain experience from professional practitioners, to acquire skills in working with equipment and mechanisms determined the necessity of using the proposed technology. Selection of online learning platforms or their elements to supplement the study of engineering disciplines as well as selection of competencies according to the curriculum and consolidation of them according to tools, topics, modules, courses in the context of online learning platforms is conducted by tutors of specialized departments. It was outlined the theoretical and practical forms of learning and learning tools of the proposed technology. Application of online learning platforms in electrical engineering education can be realized on the basic, intermediate and advanced levels. Upon completion of the development of the presented technology, an experimental study was conducted, which included the identification of the appropriate level of use of application of online learning platforms in electrical engineering education. The obtained experimental results were verified using Pearson criterion. The result of the implementation of technology is application of the online learning platform in educational and professional activities for engineering students. © 2022 IEEE.

Ключевые слова автора

electrical engineering education; engineering disciplines; online learning platforms

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- 3 Yu, X.
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doi: 10.1016/j.jeap.2021.101079
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- 4 Castaño-Muñoz, J., Rodrigues, M.
Open to MOOCs? Evidence of their impact on labour market outcomes ([Открытый доступ](#))
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doi: 10.1016/j.compedu.2021.104289
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- 5 Borrella, I., Caballero-Caballero, S., Ponce-Cueto, E.
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doi: 10.1016/j.compedu.2021.104133
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-
- 7 Kim, D., Jung, E., Yoon, M., Chang, Y., Park, S., Kim, D., Demir, F.
Exploring the structural relationships between course design factors, learner commitment, self-directed learning, and intentions for further learning in a self-paced MOOC
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doi: 10.1016/j.compedu.2021.104171
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-
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The use of Massive Open Online Courses (MOOCs) in blended learning courses and the functional value perceived by students
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-
- 9 Ruipérez-Valiente, J.A., Jaramillo-Morillo, D., Joksimović, S., Kovanović, V., Muñoz-Merino, P.J., Gašević, D.
Data-driven detection and characterization of communities of accounts collaborating in MOOCs (Открытый доступ)
(2021) *Future Generation Computer Systems*, 125, pp. 590-603. Цитировано 5 раз.
<https://www.journals.elsevier.com/future-generation-computer-systems>
doi: 10.1016/j.future.2021.07.003
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- 10 Li, D., Han, D., Zheng, Z., Weng, T.-H., Li, H., Liu, H., Castiglione, A., (...), Li, K.-C.
MOOCsChain: A blockchain-based secure storage and sharing scheme for MOOCs learning
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<https://www.journals.elsevier.com/computer-standards-and-interfaces>
doi: 10.1016/j.csi.2021.103597
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-
- 11 Castellanos-Reyes, D.
The dynamics of a MOOC's learner-learner interaction over time: A longitudinal network analysis
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<https://www.journals.elsevier.com/computers-in-human-behavior>
doi: 10.1016/j.chb.2021.106880
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-
- 12 Dai, H.M., Teo, T., Rappa, N.A.
Understanding continuance intention among MOOC participants: The role of habit and MOOC performance
(2020) *Computers in Human Behavior*, 112, art. no. 106455. Цитировано 49 раз.
<https://www.journals.elsevier.com/computers-in-human-behavior>
doi: 10.1016/j.chb.2020.106455
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-
- 13 De Notaris, D., Canazza, S., Mariconda, C., Paulon, C.
How to play a MOOC: Practices and simulation
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[http://www.elsevier.com/wps/find/journaldescription.cws_home/717010/description#description_\(ScienceDirect http://www.sciencedirect.com/science/journal/18759521\)](http://www.elsevier.com/wps/find/journaldescription.cws_home/717010/description#description_(ScienceDirect http://www.sciencedirect.com/science/journal/18759521))
doi: 10.1016/j.entcom.2020.100395
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-
- 14 Arpacı, I., Al-Emran, M., Al-Sharafi, M.A.
The impact of knowledge management practices on the acceptance of Massive Open Online Courses (MOOCs) by engineering students: A cross-cultural comparison
(2020) *Telematics and Informatics*, 54, art. no. 101468. Цитировано 54 раз.
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-

-
- 15 Lei, Z., Zhou, H., Hu, W.
Combining MOOL with MOOC to Promote Control Engineering Education: Experience with NCSLab ([Открытый доступ](#))
(2019) *IFAC-PapersOnLine*, 52 (9), pp. 266-271. Цитировано 7 раз.
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doi: 10.1016/j.ifacol.2019.08.207
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-
- 16 Sheng, D., Yuan, J., Xie, Q., Li, L.
ACMF: An Attention Collaborative Extended Matrix Factorization Based Model for MOOC course service via a heterogeneous view
(2022) *Future Generation Computer Systems*, 126, pp. 211-224. Цитировано 3 раз.
<https://www.journals.elsevier.com/future-generation-computer-systems>
doi: 10.1016/j.future.2021.08.001
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-
- 17 Impey, C., Formanek, M.
MOOCs and 100 Days of COVID: Enrollment surges in massive open online astronomy classes during the coronavirus pandemic
(2021) *Social Sciences & Humanities Open*, 4 (1). Цитировано 25 раз.
-
- 18 Reparaz, C., Aznárez-Sanado, M., Mendoza, G.
Self-regulation of learning and MOOC retention
(2020) *Computers in Human Behavior*, 111, art. no. 106423. Цитировано 45 раз.
<https://www.journals.elsevier.com/computers-in-human-behavior>
doi: 10.1016/j.chb.2020.106423
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-
- 19 Watted, A., Barak, M.
Motivating factors of MOOC completers: Comparing between university-affiliated students and general participants
(2018) *Internet and Higher Education*, 37, pp. 11-20. Цитировано 105 раз.
doi: 10.1016/j.iheduc.2017.12.001
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-
- 20 Gutierrez-Bucheli, L., Kidman, G., Reid, A.
Sustainability in engineering education: A review of learning outcomes
(2022) *Journal of Cleaner Production*, 330, art. no. 129734. Цитировано 13 раз.
<https://www.journals.elsevier.com/journal-of-cleaner-production>
doi: 10.1016/j.jclepro.2021.129734
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-
- 21 Grodotzki, J., Upadhyia, S., Tekkaya, A.E.
Engineering education amid a global pandemic ([Открытый доступ](#))
(2021) *Advances in Industrial and Manufacturing Engineering*, 3, art. no. 100058. Цитировано 23 раз.
<https://www.sciencedirect.com/journal/advances-in-industrial-and-manufacturing-engineering/about/aims-and-scope>
doi: 10.1016/j.aime.2021.100058
[View at Publisher](#)
-
- 22 Katz, R.
Integrating analysis and design in mechanical engineering education ([Открытый доступ](#))
(2015) *Procedia CIRP*, 36, pp. 23-28. Цитировано 12 раз.
<http://www.sciencedirect.com/science/journal/22128271>
doi: 10.1016/j.procir.2015.01.042
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-

-
- 23 Modlo, Y.O., Semerikov, S.O., Shajda, R.P., Tolmachev, S.T., Markova, O.M., Nechypurenko, P.P., Selivanova, T.V.
Methods of using mobile Internet devices in the formation of the general professional component of bachelor in electromechanics competency in modeling of technical objects
(2020) *CEUR Workshop Proceedings*, 2643, pp. 500-534. Цитировано 31 раз.
<http://ceur-ws.org/>
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-
- 24 Batsurovska, I.
Massive Open Online Courses in the System of E-learning of Masters in Electrical Engineering
(2021) *Proceedings of the 20th IEEE International Conference on Modern Electrical and Energy Systems, MEES 2021*. Цитировано 2 раз.
<http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=9598465>
ISBN: 978-166542366-3
doi: 10.1109/MEES52427.2021.9598641
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-
- 25 Dotsenko, N.
Implementation of Tutorials with Interactive Elements for the Study of General Technical and Electrical Engineering Disciplines in the E-environment
(2021) *Proceedings of the 20th IEEE International Conference on Modern Electrical and Energy Systems, MEES 2021*. Цитировано 3 раз.
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ISBN: 978-166542366-3
doi: 10.1109/MEES52427.2021.9598781
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-
- 26 Babenko, D., Dotsenko, N., Gorbenko, O., Kim, N.
Structural Model of Training Bachelors in Electrical Engineering in the Online Learning Environment
(2021) *Proceedings of the 20th IEEE International Conference on Modern Electrical and Energy Systems, MEES 2021*. Цитировано 3 раз.
<http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=9598465>
ISBN: 978-166542366-3
doi: 10.1109/MEES52427.2021.9598647
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-
- 27 Calvo, S., Lyon, F., Morales, A., Wade, J.
Educating at scale for sustainable development and social enterprise growth: The impact of online learning and a massive open online course (MOOC) (Открытый доступ)
(2020) *Sustainability (Switzerland)*, 12 (8), art. no. 3247. Цитировано 18 раз.
<https://www.mdpi.com/2071-1050/12/8/3247>
doi: 10.3390/SU12083247
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-
- 28 Ichimura, Y., Suzuki, K.
Dimensions of MOOCs for Quality Design: Analysis and Synthesis of the Literature
(2017) *Int. J. Educ. Media Technol.*, 11, pp. 42-49. Цитировано 14 раз.
-
- 29 Chernoff, H., Lehmann, E.L.
The use of maximum likelihood estimates in 2 test for goodness of fit
(1954) *The Annals of Mathematical Statistics*, 25, pp. 579-586. Цитировано 371 раз.

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