Contents

Contributions in: COVID-19, Persistence, Self-Learning, MOOC, First-Year Engineering, PBL, Industrial Practice, Diversity, Equity, and Inclusion, Engineering Design, Engineering Ethics, Accreditation, Double Minority Status, Dropout, Assessment, Adaptability, Learning and Engagement, Academic Performance, Student Success, STEM, School Culture, Mechanical, Electromechanical, Civil, Electric, Computing, Material Engineering

Editorial Ahmad Ibrahim	1037
Perception Matters: Student Educational Experiences in COVID-19 are related to Engineering Self-Efficacy and Persistence Intentions	1038–1048
Allison M. Esparza, Karen E. Rambo-Hernandez, Camille S. Burnett and Bimal P. Nepal	
Applying a Software Learning Platform to Implement a Project Based Methodology in Teaching Mechanical Engineering to Undergraduates Francisca Guerrero-Villar, Rubén Dorado-Vicente, Eloísa Torres-Jiménez and Amalia Palomar-Torres	1049–1058
Investigating Electromechanical Engineering Lecturers' Perceptions of MOOCs Enrique Rosales-Asensio, Enrique González, Diego Baragaño and Carlos Sierra	1059–1073
Implementing a Cornerstone Design Thinking Course in First Year Civil Engineering Gustavo G. Majzoub, Eduardo Zancul, Roseli de Deus Lopes, Sérgio Scheer, Tatiana Hochgreb-Hägele and Paulo Blikstein	1074–1101
Enculturating First-Year Engineering Students: A Theoretical Framework Noemi V. Mendoza Diaz	1102–1117
Continuing Engineering Education in Changeable and Reconfigurable Manufacturing – Implications of Problem-Based Learning in Industrial Practice Ann-Louise Andersen and Carin Rösiö	1118–1130
Instructors' Perspectives of Diversity, Equity, and Inclusion Activities in Engineering and Computer Science Courses Sumaia Ali Raisa, Christopher D. Griffin, Melissa Morris and Karen E. Rambo-Hernandez	1131–1139
Student Reflections on the use of a Market Simulator in an Engineering Design Course Nicole P. Pitterson, Sarah Crimmins, Alejandro Espera Jr. and Steven Hoffenson	1140–1153
Situation of Engineering Ethics Education of Postgraduates in China: A Preliminary Investigation Botao Zhong, Xuejiao Xing, Li Jiao, Haitao Wu and Jun Sun	1154–1166
A Successful Framework for the Accreditation of an Electrical Engineering and Automation Program Yu Gao, Lei Yu and Liang Chen	1167–1180
Stereotypes and Stereotype Threats Experienced by Latinx Engineering Undergraduates Elizabeth Turochy, Linnel Marie S. Ballesteros, Toby Nii Tairo Nelson, Michael Perez, Kyle Estes, Cristina Poleacovschi, Erin Doran and Timothy Yuen	1181–1195
Predicting Engineering Undergraduates Dropout: A Case Study in Chile Claudia Martínez-Araneda, Mariella Gutiérrez Valenzuela and Michelle Bizama Varas	1196–1206
Development and Assessment of a New Approach to Teaching Parallel Databases Weihong Zhao, Meruert Serik and Saule Zhumagulova	1207–1215
Application of Cognitive, Behavioral, and Emotional Adaptability Lens for Interpreting the Teaching Experiences of Engineering Instructors during a Switch to Remote Instruction Grace Panther and Heidi A. Diefes-Dux	1216–1233
Investigating the Impact of Information Technology-enhanced Constructivist Teaching on Engineering Undergraduates Learning and Engagement Kui Qian, Di Liu, Hong Lu and Gui Chen	1234–1241
The Effect of McGraw-Hill Connect Online Assessment on Students' Academic Performance in a Mechanics of Materials Course Ashraf Badir, Seneshaw Tsegaye and Senthil Girimurugan	1242–1255

A Systematic Multi-Level Assessment Approach to Enhance Students' Academic Performance in Sequential Logic Design Awos Kanan, Rajaa Alqudah and Amjed Al-Mousa	1256–1267
Narrowing Enrollment Gaps for Underrepresented College Students in Engineering: Using Contextualized Admissions Measures to Predict Student Success	1268–1285
Michael N. Bastedo, Mark Umbricht, Emma Bausch, Bo-Kyung Byun, Yiping Bai and Joy Richardson	
Quantitative Investigation of Preparatory Math Coursework as a Barrier for Degree Attainment in Engineering Eric W. Burkholder	1286–1296
Impact of College Culture on Enthusiasm and Quality of Life of Students: A Case Study in China Haijun Zhou, Zimin Lin, Lei Zhang, Qizhong Fang and Ruiyang Chen	1297–1304
Guide for Authors	1305