



List of recommended reading

(developed under Activity 1.1: Study of teaching methodologies and curriculum in relation to Industry)

Title	Author/s	Link	Media owner/source	Year
Introduction to Industry 4.0				
The Fourth Industrial Revolution is here—are you ready?	n.a.	https://www2.deloitte.com/content/dam/Deloitte/tr/Documents/manufacturing/Industry4-0_Are-you-ready_Report.pdf	Deloitte Insights	2018
Forces of change: Industry 4.0	n.a.	https://www2.deloitte.com/content/dam/insights/us/articles/4323_Forces-of-change/4323_Forces-of-change_Ind4-0.pdf	Deloitte Insights	2017
Industry 4.0 Concept: Background and Overview	Rojko	https://online-journals.org/index.php/ijim/article/view/7072	Intl Journal of Interactive Mobile Technologies	2017
Industry 4.0 Analytical Study	n.a.	https://www.europarl.europa.eu/RegData/etudes/STUD/2016/570007/IPOL_STU(2016)570007_EN.pdf	European Parliament	2016
Industry 4.0: Digitalisation for productivity and growth	n.a.	https://www.europarl.europa.eu/RegData/etudes/BRIE/2015/568337/EPRS_BRI(2015)568337_EN.pdf	European Parliament	2015
An Industry 4 readiness assessment tool	n.a.	https://warwick.ac.uk/fac/sci/wmg/research/scip/reports/final_version_of_i4_report_for_use_on_websites.pdf	University of Warwick	n.a.
Learning Factories				
Learning Factory for Industry 4.0 to provide future skills beyond technical training	Schallock et al	10.1016/j.promfg.2018.03.156	Procedia Manufacturing	2018
Cyber- Physical Systems and Education 4.0 –The Teaching Factory 4.0 Concept	Mourtzis et al	doi: 10.1016/j.promfg.2018.04.005	Procedia Manufacturing	2018
Learning Factory: The Path to Industry 4.0	Baena et al	doi: 10.1016/j.promfg.2017.04.022	Procedia Manufacturing	2017
INDUSTRY 4.0 LEARNING FACTORY DIDACTIC DESIGN PARAMETERS FOR INDUSTRIAL ENGINEERING EDUCATION IN SOUTH AFRICA	Sackey et al	Doi: 10.7166/28-1-1584	South African Journal of Industrial Engineering	2017
Learning Factories for research, education, and training	Abele et al	doi: 10.1016/j.procir.2015.02.187	Procedia CIRP	2015
Implications for Learning Factories from Industry 4.0:Challenges for the human factor in future production scenarios	Jäger & Sihm	https://docplayer.net/35489285-Implications-for-learning-factories-from-industry-4-0-challenges-for-the-human-factor-in-future-production-scenarios.html	TU Vienna	n.a.
Adult training				
Industrie 4.0 – Qualification 2025 (Management Summary)	n.a.	https://bildung.vdma.org/documents/14969637/23826425/Englische+Kurzfassung+Management+Summary+Industrie+4.0+Qualification+2025.pdf/18ae1602-6aa3-40f0-a204-097c74a2781e	VDMA	2016
The Labouring Capacity Index: Living Labouring Capacity and Experience as Resources on the Road to Industry 4.0	Pfeiffer & Suphan	https://www.sabine-pfeiffer.de/files/downloads/2015-Pfeiffer-Suphan-EN.pdf	Universität Hohenheim	2015
Effects of Industry 4.0 on vocational education and training	Pfeiffer	http://epub.oeaw.ac.at/ita/ita-manuscript/ita_15_04.pdf	Austrian Academy of Sciences	2015



Erasmus+ CBHE project **Boosting the role of HEIs in the industrial transformation towards the Industry 4.0 paradigm in Georgia and Ukraine / HEIn4** (609939-EPP-1-2019-1-BE-EPPKA2-CBHE-JP)

The lifetime learner A journey through the future of postsecondary education. A report in the Future of the Business Landscape series	Hagel et al	https://www2.deloitte.com/us/en/insights/industry/public-sector/future-of-online-learning.html	Deloitte University Press	2014
Predictors of Learner Satisfaction and Transfer of Learning in a Corporate Online Education Program	Gunawardena et al	https://doi.org/10.1080/08923647.2010.522919	American Journal of Distance Education	2010
Curriculum development, skills identification				
INDUSTRIAL ENGINEERING CURRICULUM IN INDUSTRY 4.0 IN A SOUTH AFRICAN CONTEXT	Sackey & Bester	Doi: 10.7166/27-4-1579	South African Journal of Industrial Engineering	2016
Skills Needs Analysis for "Industry 4.0" Based on Roadmaps for Smart Systems	Hartmann & Bovenschulte	https://www.iit-berlin.de/en/publications/skills-needs-analysis-for-201cindustry-4-0201d-based-on-roadmaps-for-smart-systems	Institute for Innovation and Technology, Berlin, Germany	2013