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MASTER OF ENGINEERING MANAGEMENT(MEnM)
(NEW CURRICULUM)

ENM 211 FUNDAMENTALS OF ENGINEERING MANAGEMENT

CALL NO.	AUTHOR	TITLE	COPYRIGHT DATE	NO. OF COPIES
	Morgan Evans	Engineering Manager's Handbook: An insider's guide to managing software development and engineering teams	2023	1
	Ryan A. Brown , Joshua W. Brown, Michael Berkeihiser	Engineering Fundamentals: Design, Principles, and Careers Third Edition	2022	1
e-books	Carolina Machado, J. Paulo Davim	Smart Engineering Management	2024	
e-books	Gustavo Giannattasio, Elif Kongar, Marina Dabić, Celia Desmond, Michael Condry,	IEEE Technology and Engineering Management Society Body of Knowledge (TEMSBOK)	2023	
e-books	Sarah Drasner	Engineering Management for the Rest of Us	2022	
e-books	M.Z. Naser	Leveraging Artificial Intelligence in Engineering, Management, and Safety of Infrastructure	2022	
e-books	Alexandra Sunderland	Remote Engineering Management: Managing an Engineering Team in a Remote-First World	2022	
e-books	Will Larson	An Elegant Puzzle: Systems of Engineering Management	2019	

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e-books	Hiral Shah, Walter Nowocin	A Guide to the Engineering Management Body of Knowledge, 5th Edition	2019	
ebooks	Cesáreo Hernández Editor	Advances in Management Engineering	2017	
ebooks	Ricky W. Griffin	Fundamentals of Management,	2016	
CIR TA 190 .B32 2015	Morce, Lucy C.	Managing engineering and technology.	2015	1
CIR T 55 .A73p 2015	Arnaboldi, Michela.	Performance measurement and management for engineers	2015	1
CIR TA 352 .C45 2015	Dara W. Childs	Dynamics in engineering practice	2015	1
CIR TA 190 .B32 2015	Morce, Lucy C.	Managing engineering and technology.	2015	1
ebooks	Edited by Fausto Pedro García Márquez and Benjamin Lev	Engineering management	2013	

ENM 212 STATISTICAL METHODS FOR ENGINEERS

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	Mr Lewis McConkey	Statistical Methods	2024	1
	Gabriel Otieno Okello	Statistical Methods Using SPSS 1st Edition	2024	1
	William Navidi	Statistics for Engineers and Scientists ISE	2023	1
	Hoang Pham	Springer Handbook of Engineering Statistics (Springer Handbooks) 2nd ed. 2023 Edition	2023	1
	Gareth James	An Introduction to Statistical Learning: with	2021	1

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		Applications in R (Springer Texts in Statistics) 2nd ed. 2021 Edition		
CIR QA 276.12 .M64s4 2022	Mohr, Donna.	Statistical methods	2022	1
CIR QA 276.12 .S74	Landers, Richard N.	A Step-by-step introduction to statistics for business	2019	1
CIR HA 32 .G46c15 2019	George, Darren.	IBM SPSS statistics 25 step by step: a simple guide and reference	2019	1
CIR HA 32 .A44s4 2019	Allen, Peter.	SPSS statistics: a practical guide	2019	1
ebooks	Richard A. Johnson	Probability and Statistics for Engineers	2018	
ebooks	D. B. Owen, editor	Statistical methods for engineers and scientists	2018	
ebooks	Ronald E. Walpole	Probability & Statistics for Engineers & Scientists	2016	

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	Arjun Dasharath Jadhav	Research Methodology: A Guide for Ph.D. Students: From Proposal to Publication: A Step-by-Step Approach	2024	1
	Sahar M. Taresh	Research Methodology: A Practical Guide for Educators and Learners: A Practical Guide for Educators and Researchers to Conduct Rigorous and Ethical Studies	2024	1
FIL	Winston S. Sirug.	Management science: quantitative methods for	2023	3

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HD 31 .S57 2023		business operations research		
CIR H 62 .G73	David E. Gray.	Doing research in the real world	2022	1
CIR H 62 .K86r5 2019	Kumar, Ranjit.	Research methodology : a step-by-step guide for beginners	2019	1
ebooks	Edited by Vinayak Bairagi and Mousami V. Munot	Research Methodology A Practical and Scientific Approach	2019	
	Ted Gournelos, Joshua R. Hammonds, Maridath A. Wilson	Doing Academic Research: A Practical Guide to Research Methods and Analysis 1st Edition	2019	1
ebooks	Nicholas Walliman	Research methods: the basics	2018	
ebooks	Paul D. Leedy	Practical research planning and design	2016	

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	Joseph Buckley	History of Financial Innovation, Financial Engineering & Portfolio Design: Innovations that Shaped Modern Markets, Models & Methods (Step By Step Subject Guides)	2024	1
	Hoang Pham	Springer Handbook of Engineering Statistics	2023	1

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		(Springer Handbooks) 2nd ed. 2023 Edition		
e-books	S. Bobby Rauf	Finance and Accounting for Energy Engineers: & Engineers in All Disciplines	2023	
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e-books	Chris Kelliher	Quantitative Finance With Python: A Practical Guide to Investment Management, Trading and Financial Engineering	2022	
CIR HG 4026 .A54f2 2021	Ang, Ser-Keng.	Financial management : theory and practice	2021	1
	Steven Peterson MBA PE	Construction Accounting and Financial Management (What's New in Trades & Technology) 4th Edition	2019	1
e-books	Richard Busulwa, Nina Evans	Digital Transformation in Accounting	2021	
e-books	Eugene F. Brigham &, Joel F. Houston	Fundamentals of Financial Management	2019	
e-books	Prasanna Chandra	Financial Management: Theory and Practice	2019	
ebooks	Len Holm	Cost Accounting and Financial Management for Construction Project Managers	2019	
ebooks	Sanjay Dhamija	Financial accounting for managers	2018	
ebooks	Daniel P. Tinkelman	Introductory Accounting	2016	
CIR HJ 9750 .M36 2015		Managerial cost accounting practices.	2015	1

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CIR HF 5635 .A56f 2015	Ainsle, George.	Financial and managerial accounting	2015	1
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	A.M. Pedini	Practical Guide to Project Management, AI, and Prompt Engineering: essential knowledge and examples every Project Manager can use	2024	1
	InfoWave MRV	Project Management Unveiled From Concept to Completion: Essential Skills for Modern Project Leaders	2024	1
	Jezebel Qi Alvar	Achieving Excellence in Project Management: Insider Secrets to Implementing Optimal Practices for Success	2024	1
	InfoWave MRV	Mastering Project Management: A Comprehensive Guide: Essential Skills for Modern Project Leaders	2024	1
	Kory Kogon, Suzette Blakemore	Project Management for the Unofficial Project Manager (Updated and Revised Edition)	2024	1
	Yuji Kishira	Project management by Harmony	2024	1
	Neil G. Siegel	Engineering Project Management: A Hands-On Guide for Successful Engineering Projects 2nd Edition	2024	
	Edoardo Favari	Project Management: Leading Change in the Age	2023	

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		of Complexity 1st ed. 2023 Edition		
	Greg Horine	Project Management Absolute Beginner's Guide 5th Edition	2022	1
CIR TS 155 .S74o14 2021	Stevenson, William J.	Operations management	2021	1
CIR T 58.64 .I54 2020		Information technology project management	2020	1
CIR HD 62.15 .S74l 2019	Vanzant Stern, Terra	Leaner six sigma : making lean six sigma easier and adaptable to current workplaces	2019	1
ebooks	Neil G. Siegel	Engineering Project Management	2019	
ebooks	Pradeep Pai	Project Management	2019	
ebooks	Bo Tonnquist	Project management	2018	

ENM 223 A COMPREHENSIVE GUIDE TO LEGAL AND ETHICAL COMPLIANCE FOR ENGINEERS

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	Jennifer Gunning	Ethics, Law and Society: Set 1st Edition	2024	1
	Anthony F. Bainbridge	Ethics for Engineers (CRC Focus) 1st Edition	2023	1
	Joseph Migga Kizza	Ethical and Social Issues in the Information Age (Texts in Computer Science) 7th ed. 2023 Edition	2023	1
	Ibo van de Poel, Lamber Royakkers	Ethics, Technology, and Engineering: An Introduction 2nd Edition	2023	1
	Eugene Schlossberger	Ethical Engineering (What Every Engineer Should Know) 1st Edition	2023	1
e-books	Sarah Spiekermann	Value-Based Engineering: A Guide to Building	2023	

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		Ethical Technology for Humanity		
e-books	Anthony F. Bainbridge	Ethics for Engineers: A Brief Introduction	2021	
CIR CC 135 .C85 2019		Cultural heritage, ethics and contemporary migrations	2019	1
e-books	Martin Peterson	Ethics for Engineers	2019	
CIR BD 450 .S57t 2019	Sisa, Robert A.	The 21st century generation : my #1 priority in life (a philosophical understanding of man and ethical recovery)	2019	1
	Charles Harris Jr.	Engineering Ethics: Concepts and Cases 6th Edition	2018	1
ebooks	Charles e. Harris, jr.	Engineering ethics: Concepts and Cases	2019	
ebooks	Colleen Murphy	Engineering Ethics for a Globalized World	2015	
ebooks	W. Richard Bowen	Engineering Ethics: Challenges and Opportunities	2014	

ENM 224 SUSTAINABILITY AND RESILIENCE ENGINEERING

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	Yasar Demirel, Marc A. Rosen	Sustainable Engineering: Process Intensification, Energy Analysis, and Artificial Intelligence 1st Edition	2024	1
	K. Saravanan , G. Sakthinathan	Handbook of Green Engineering Technologies for Sustainable Smart Cities (Green Engineering and Technology) 1st Edition	2024	1

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e-books	Andrew Braham and Sadie Casillas	Fundamentals of Sustainability in Civil Engineering: Second Edition	2021	
e-books	Shijie Liu	Bioprocess Engineering: Kinetics, Sustainability, and Reactor Design	2020	
e-books	Chris Domanski	Sustainable Product Design and Development	2020	
e-book	OECD	Good Governance for Infrastructure Resilience	2019	
e-book	Tabatabaei, Naser Ravadaneigh, Sajad Bizon, Nicu	Power Systems Resilience	2019	
e-book	Brunetta, Grazia Tollin, Nicola	Urban Resilience for Risk and Adaptation Governance	2019	
e-books	Dejan Mumovic, Matheos Santamouris	A handbook of Sustainable Building Design and Engineering: An Integrated Approach to Energy, Health and Operational Performance	2019	
e-book	Auroop Ratan Ganguly, Udit Bhatia, and Stephen E. Flynn	Critical Infrastructures Resilience: Policy and Engineering Principles	2018	
CIR TS 155 .H45o12 2017	Heizer, Jay.	Operations management : sustainability and supply chain management	2017	1
e-book	Jeffrey W. Fergus...(et al)	Engineering solutions for sustainability: materials and resources II	2016	
e-book	J. K. Yates Daniel Castro- Lacouture	Sustainability in Engineering Design and Construction	2016	

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	Graham Kenny	Strategy Discovery: Achieving Business Resilience, Engagement and Performance	2023	1
e-book	Wahidul K. Biswas, Michele John	Engineering for Sustainable Development: Theory and Practice	2023	
e-book	Manuela Antonelli, Gabriele Della Vecchia	Civil and Environmental Engineering for the Sustainable Development Goals: Emerging Issues	2022	
CIR QH 541 .S44e9 2022	Sher, Anna.	Ecology : concepts and applications	2022	1
CIR QH 541.15 .E94e2 2022	Everard, Mark.	Ecosystem services : key issues	2022	1
CIR LC 4015 .D34e 2019	Da Fonte, M. Alexandra.	Effective augmentative and alternative communication practices : a handbook for school-based practitioners	2019	1
CIR HD 62.15 .S74l 2019	Vanzant Stern, Terra	Leaner six sigma : making lean six sigma easier and adaptable to current workplaces	2019	1
CIR GF 21 .R48 2019		Rethinking the environment for the anthropocene : political theory and socionatural relations in the new geological epoch.	2019	1

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	Yann Bouchery	Sustainable Supply Chains: A Research-Based Textbook on Operations and Strategy (Springer Series in Supply Chain Management, 23) 2nd ed. 2024 Edition	2024	1
	Rajat Baisya	Supply Chain and Logistics Management 1st Edition	2024	1
	M. Bixby Cooper Donald Bowersox, David Closs	Supply Chain Logistics Management	2023	1
e-books	Gwynne Richards, Susan Grinsted	The Logistics and Supply Chain Toolkit: Over 100 Tools for Transport, Warehousing and Inventory Management	2020	
CIR HF 5437 .M55s 2020	Nakano, Mikihisa.	Supply chain management: strategy and organization	2020	1
e-books	Turan Paksoy, Sadia Samar Ali, Cigdem Gonul Kochan	Logistics 4.0: Digital Transformation of Supply Chain Management	2020	
e-books	Kenneth Lyons, Brian Farrington	Procurement and Supply Chain Management, Tenth Edition	2020	
e-books	Chopra, Sunil	Supply Chain Management: Strategy, Planning, and Operation, Global Edition	2019	
ebooks	Henk Zijm	Operations, Logistics and Supply Chain Management	2019	

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CIR TS 155 .H45o12 2017	Heizer, Jay.	Operations management: sustainability and supply chain management	2017	1
ebooks	Camille C. Price	International Series in Operations Research & Management Science	2017	
ebooks	Martin Christopher	Logistics & supply chain management	2016	
CIR HD 38.5 .W57s3 2013	Wisner, Joel D.	Supply chain management	2013	1

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	Marc Beretta	Leadership Landmarks: Going Behind the Scenes of Leadership and Human Development	2024	1
	Agnieszka Rzepka (Editor), Elżbieta Jędrych	Organizational Development, Innovation, and Economy 5.0 (Routledge Studies in Management, Organizations and Society) 1st Edition	2024	1
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CIR LB 2806.3 .W66c 2018	Woods, Philip A.	Collaborative school leadership: a critical guide	2018	1
CIR HD 59 .P83 2018		Public relations and the power of creativity: strategic opportunities, innovation and critical challenges.	2018	1
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ebooks	Heidi M. Neck	Entrepreneurship: the practice and mindset	2021	
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CIR HB 615 .S53 2020		Shaping entrepreneurship research : made, as well as found.	2020	1

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e-books	Thomas N. Duening, Robert D. Hisrich, Michael A. Lechter	Technology Entrepreneurship: Taking Innovation to the Marketplace, 3e	2020	
CIR HB 615 .I53 2019	Verma, A.P.	Industrial management and entrepreneurship development	2019	1
ebooks	José Machado Filomena Soares Germano Veiga Editors	Innovation, Engineering and Entrepreneurship	2019	
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ebooks	André Presse Orestis Terzidis Editors	Technology Entrepreneurship: Insights in New Technology-Based Firms, Research Spin-Offs and Corporate Environments	2018	
CIR HD 2346 .B36f 2018		Fundamentals of entrepreneurship development	2018	1
CIR HD 62.5 .M37e4 2016	Mariotti, Steve.	Entrepreneurship : starting and operating a small business	2016	1
CIR HD 62.7 .E77 2015		Essentials of entrepreneurship.	2015	1

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CIR HD 30.28 .G36e6 2019	Gamble, John.	Essentials of strategic management : the quest for competitive advantage	2019	1
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CIR HD 30.28 .D38s16 2017	David, Fred R.	Strategic management : concepts and cases ; a competitive advantage approach	2017	1
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CIR HD 30.28 .J66t9 2010	Jones, Gareth R.	Theory of strategic management : with cases	2010	1
CIR HD 30.28 .D38s 2001	David, Fred R.	Strategic Management : concepts and cases	2001	7

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ebooks	Fraunhofer-Forschungsfokus: Reimund Neugebauer	Digital Transformation	2019	
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ebooks	Daniel Rowles Thomas Brown	Building digital Culture : a practical guide to successful digital Transformation	2017	

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