

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING
Curriculum-Based Course Reference List

		ACCESSION NUMBER	TYPE	NO. OF COPIES (with PR/MARF)	AUTHOR	CALL NUMBER	TITLE	ED.	PUBLISHER	COPYRIGHT	ISBN	Country of Publication	DOI
Year	Term	Code					Course Title						
2	1	IE102					INDUSTRIAL MATERIALS AND PROCESSES						
	1	Cengage Subscription	E-BOOK	15	Brumbach, Michael	N/A	Industrial Electricity	10th	Cengage Learning	2022	9798214345833	USA	https://bookshelf.vitalsource.com/reader/books/9798214345833
	2	Wiley Subscription	E-BOOK	15	André, Jean-Claude	N/A	Industry 4.0		Wiley Global Research (STMS)	2022	9781119644637	USA	https://bookshelf.vitalsource.com/reader/books/9781119644637
	3	Cengage Subscription	E-BOOK	15	Askel, Donald; Wright, Wendelin	N/A	The Science and Engineering of Materials	7th	Cengage Learning US	2022	9798214352169	USA	https://bookshelf.vitalsource.com/reader/books/9798214352169
	4	Wiley Subscription	E-BOOK	15	Jouhara, Hussam	N/A	Waste Heat Recovery In Process Industries		Wiley Professional, Reference & Trade (Wiley K&L)	2022	9783527830015	USA	https://bookshelf.vitalsource.com/reader/books/9783527830015
	5	Wiley Subscription	E-BOOK	15	Clark, Stephanie	N/A	Food Processing: Principles and Applications, 2nd Edition	2nd	Wiley Global Research (STMS)	2021	9781118846285	USA	https://bookshelf.vitalsource.com/reader/books/9781118846285
	6	Wiley Subscription	E-BOOK	15	CCPS	N/A	Guidelines for Risk Based Process Safety	2nd	Wiley Global Research (STMS)	2020	9781118209639	USA	https://bookshelf.vitalsource.com/reader/books/9781118209639
	7	Wiley Subscription	E-BOOK	15	Foo, Dominic; ElHalwagi, Mahmoud	N/A	Process Intensification and Integration for Sustainable Design		Wiley Professional, Reference & Trade (Wiley K&L)	2020	9783527818723	USA	https://bookshelf.vitalsource.com/reader/books/9783527818723
	8	Cengage Subscription	E-BOOK	15	Garber, Nicholas	N/A	Traffic and Highway Engineering	5th	Cengage Learning US	2020	9798214355221	USA	https://bookshelf.vitalsource.com/reader/books/9798214355221
	9	Acc # 00012824	PRINT	1	Smith, William F. ; Hashemi, Javad ; Presuel-Moreno, Francisco	N/A	Foundations of materials science and engineering	6th	McGraw Hill Education	2019	9781118373927	USA	N/A

	10	Cengage Subscription	E-BOOK	15	Askeland / Wright	N/A	Essentials of Materials Science and Engineering	4th	Cengage	2019	9798214343082	USA	https://bookshelf.vitalsource.com/reader/books/9798214343082
	11	Cengage Subscription	E-BOOK	15	Askeland / Wright	N/A	Essentials of Materials Science and Engineering, SI Edition	4th	Cengage	2019	9781119409953	USA	https://bookshelf.vitalsource.com/reader/books/9781119409953
	12	Cengage Subscription	E-BOOK	15	Das / Sivakugan	N/A	Principles of Foundation Engineering	9th	Cengage	2019	9798214351100	USA	https://bookshelf.vitalsource.com/reader/books/9798214351100
	13	Cengage Subscription	E-BOOK	15	Das / Sivakugan	N/A	Principles of Foundation Engineering, SI Edition	9th	Cengage	2019	9798214352718	USA	https://bookshelf.vitalsource.com/reader/books/9798214352718
	14	Acc # 00011163	PRINT	1	Callister, Jr. William D.; Rethwisch, David G.	TA403 C345 2015	Materials science and engineering si version	9th	John Wiley & Sons	2015	9781118379660	USA	N/A
	15	Acc # 00007978	PRINT	1	Hibbeler, R.C.	TA405 H521 2011	Mechanics of materials	8th	Prentice Hall	2011	9781119603757	USA	N/A
	16	Acc # 00006062	PRINT	1	Callister, William D.; Rethwisch, David G.	TA403 C345 2008	Fundamentals of materials science and engineering : an integrated approach	3rd	John Wiley & Sons	2008	9781119688945	USA	N/A
	17	Acc # 00003183; 00006143; 00005167	PRINT	3	Callister, William D.	TA403 C345 2007	Materials science and engineering : an introduction		John Wiley & Sons	2007	9781119405498	USA	N/A
	18	Acc # 00002579	PRINT	1	James A. Rehg, Glenn J. Sartori	TK7881 R4311 2006	Industrial electronics		Pearson Prentice Hall	2006	9781118755501	UK	N/A
	19	Acc # 00007976; 00007977	PRINT	2	Colling, David A.	TA403 C6419 2000	Industrial materials		Prentice Hall	2000	9783527674053	USA	N/A
	20	Acc # 00000662	PRINT	1	John Heskett	TS171 H477 1980	Industrial design		Thames & Hudson	1980	9781118174173	UK	N/A
2	1	IE102L					INDUSTRIAL MATERIALS AND PROCESSES (LABORATORY)						
	1	Cengage Subscription	E-BOOK	15	Brumbach, Michael	N/A	Industrial Electricity	10th	Cengage Learning	2022	9798214345833	USA	https://bookshelf.vitalsource.com/reader/books/9798214345833
	2	Wiley Subscription	E-BOOK	15	André, Jean-Claude	N/A	Industry 4.0		Wiley Global Research (STMS)	2022	9781119644637	USA	https://bookshelf.vitalsource.com/reader/books/9781119644637

		3	Cengage Subscription	E-BOOK	15	Askel, Donald; Wright, Wendelin	N/A	The Science and Engineering of Materials	7th	Cengage Learning US	2022	9798214352169	USA	https://bookshelf.vitalsource.com/reader/books/9798214352169
		4	Wiley Subscription	E-BOOK	15	Jouhara, Hussam	N/A	Waste Heat Recovery In Process Industries		Wiley Professional, Reference & Trade (Wiley K&L)	2022	9783527830015	USA	https://bookshelf.vitalsource.com/reader/books/9783527830015
		5	Wiley Subscription	E-BOOK	15	Clark, Stephanie	N/A	Food Processing: Principles and Applications, 2nd Edition	2nd	Wiley Global Research (STMS)	2021	9781118846285	USA	https://bookshelf.vitalsource.com/reader/books/9781118846285
		6	Wiley Subscription	E-BOOK	15	CCPS	N/A	Guidelines for Risk Based Process Safety	2nd	Wiley Global Research (STMS)	2020	9781118209639	USA	https://bookshelf.vitalsource.com/reader/books/9781118209639
		7	Wiley Subscription	E-BOOK	15	Foo, Dominic; ElHalwagi, Mahmoud	N/A	Process Intensification and Integration for Sustainable Design		Wiley Professional, Reference & Trade (Wiley K&L)	2020	9783527818723	USA	https://bookshelf.vitalsource.com/reader/books/9783527818723
		8	Cengage Subscription	E-BOOK	15	Garber, Nicholas	N/A	Traffic and Highway Engineering	5th	Cengage Learning US	2020	9798214355221	USA	https://bookshelf.vitalsource.com/reader/books/9798214355221
		9	Acc # 00012824	PRINT	1	Smith, William F. ; Hashemi, Javad ; Presuel-Moreno, Francisco	N/A	Foundations of materials science and engineering	6th	McGraw Hill Education	2019	9781118373927	USA	https://bookshelf.vitalsource.com/reader/books/9781118373927
		10	Cengage Subscription	E-BOOK	15	Askeland / Wright	N/A	Essentials of Materials Science and Engineering	4th	Cengage	2019	9798214343082	USA	https://bookshelf.vitalsource.com/reader/books/9798214343082
		11	Cengage Subscription	E-BOOK	15	Askeland / Wright	N/A	Essentials of Materials Science and Engineering, SI Edition	4th	Cengage	2019	9781119409953	USA	https://bookshelf.vitalsource.com/reader/books/9781119409953
		12	Cengage Subscription	E-BOOK	15	Das / Sivakugan	N/A	Principles of Foundation Engineering	9th	Cengage	2019	9798214351100	USA	https://bookshelf.vitalsource.com/reader/books/9798214351100
		13	Cengage Subscription	E-BOOK	15	Das / Sivakugan	N/A	Principles of Foundation Engineering, SI Edition	9th	Cengage	2019	9798214352718	USA	https://bookshelf.vitalsource.com/reader/books/9798214352718

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2	2	IE107					STATISTICAL ANALYSIS FOR INDUSTRIAL ENGINEERING 2							
		PR # 3000008038; PO # 1 1000005271	PRINT	1	John Oakland, Robert Oakland	N/A	Statistical Process Control and Data Analytics	8th	Routledge	2025	<u>9781032569024</u>	UK		
		Acc # 2 00014149	PRINT	1	Navidi, William	QA 276.12 N385 2024	Statistics for Engineers and Scientists	6th	McGraw Hill	2024	<u>9781118789766</u>	United Kingdom	N/A	
		Wiley Subscription	E-BOOK	15	Chakraborti	N/A	Nonparametric Statistical Process Control		Wiley	2019	<u>9781118890578</u>	USA	https://bookshelf.vitalsource.com/reader/books/9781118890578	
		Acc # 4 00012820	PRINT	1	Bluman, Allan G.	QA276.12 B582 2019	Elementary statistics: a step by step approach	8th	McGraw Hill Education	2019	<u>9798214341552</u>	USA	N/A	
		Acc # 5 00012819	PRINT	1	Deshpande, Jayant V. ; Naik-Nimbalkar, Uttara ; Dewan, Isha	N/A	Nonparametric statistics: theory and methods		World Scientific	2018	<u>9781118840429</u>	Singapore	https://bookshelf.vitalsource.com/reader/books/9781118840429	
		Acc # 6 00012815	PRINT	1	Lind, Douglas A. ; Marchal, William G. ; Wathen, Samuel A.	HA29 L569 2018	Statistical techniques in business & economics	7th	McGraw Hill Education	2018	<u>9781119341512</u>	USA	N/A	
		Acc # 7 00012814	PRINT	1	Spiegel, Murray R. ; Stephens, Larry J.	QA276.19 S6430 2018	Statistics	6th	McGraw Hill Education	2018	<u>9781118941102</u>	USA	N/A	
2	2	IE116					METHODS STUDY							
		Acc # 1 00014112	PRINT	1	John, Jithin	TS 155 J646 2023	Manufacturing and production		Discovery Publishing House	2023	<u>9788119205189</u>	India	N/A	
	3													
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2	2	IE116L					METHODS STUDY (LABORATORY)							
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2	3	IE121					OPERATIONS RESEARCH 1							
		Acc # 1 00014415	PRINT	1	Edited by Khosla, Anita; Chatterjee, Prasenjit; Ali, Ikbal; Joshi, Dheeraj	TA680685 2023	Optimization techniques in Engineering: advances and application		Scrivener Publishing - Wiley	2023	<u>9781119906278</u>	USA	N/A	

		Acc # 2 00012757	PRINT	1	Anderson, David R., Sweeney, Dennis J., Williams, Thomas A., Camm, Jeffrey D., Cochran, James J.	HD30.25 A5223 2019	An introduction to management science : quantitative approaches to decision making		Cengage Learning	2019	9798214346571	USA	N/A
		Acc # 3 00011171	PRINT	1	Rardin, Ronald L.	T57.7 R3710 2017	Optimization in operations research	2nd	Pearson	2017	9781118627358	UK	N/A
		Acc # 4 00011193	PRINT	1	Anderson, David [and six others]	HD30.25 A5223 2016	An introduction to management science: quantitative approaches to decision making	14th	Cengage Learning	2016	9798214346571	USA	N/A
		Acc # 5 00011160	PRINT	1	Taylor, III Bernard W.	T56 T3917 2016	Introduction to management science	12th	Pearson	2016	9798214346571	UK	N/A
		Acc # 6 00010989	PRINT	1	Penacilla, Isaias ; Dacillo, Gary P.	HD30.25 P4612 2016	Quantitative business management techniques		C & E Publishing Inc.	2016	9781118586730	Philippines	N/A
		Acc # 7 00011170	PRINT	1	Geunes, Joseph	T57.6 G483 2015	Operations planning: mixed integer optimization models		CRC Press/Taylor & Francis Group	2015	9781118626863	USA	N/A
		Acc # 8 00011152	PRINT	1	Render, Barry ; Stair, Jr. Ralph M. ; Hanna, Michael E.	N/A	Qualitative analysis for management	11th	Pearson Education	2014	9781118586730	UK	https://bookshelf.vitalsource.com/reader/books/9781118586730
		Acc # 9 00011052	PRINT	1	Anderson, David R. [and four others]	T56 A5223 2013	Quantitative methods for business	12th	Cengage Learning	2013	9798214351681	USA	N/A
		Acc # 10 00007369	PRINT	1	Frederick S. Hillier, Gerald J. Lieberman	T57.6 H544 2010	Introduction to operations research		McGraw Hill Education	2010	9789811239366	USA	N/A
		Acc # 11 00005973	PRINT	1	Rajagopalan, S.P.; Sattanathan, R.	HF1017 R344 2009	Business statistics and operations research	2nd	Tata McGraw- Hill	2009	9781119341512	USA	N/A
		Acc # 12 00006376	PRINT	1	Ravindran, A. Ravi [editor]	T57.6 O633 2009	Operations research applications		CRC Press	2009	9789814844956	USA	N/A
		Acc # 13 00006377	PRINT	1	Ravindran, A. Ravi [editor]	T57.6 O632 2009	Operations research methodologies		CRC Press	2009	9781118554661	India	N/A
		Acc # 14 00005184	PRINT	1	Loma, Edwin J.	T57.6 L651 2009	Quantitative decision model		Anvil	2009	9798214346571	Philippines	N/A
		Acc # 15 00005188	PRINT	1	Cabero, Jonathan B.; Salamat, Lorina G.; Sta. Maria, Antonina C.	HD30.25 C326 2009	Quantitative techniques in management	3rd	National Bookstore	2009	9781118586730	India	N/A
		Acc # 16 00005187	PRINT	1	Ramasamy, Subburaj	HD62.15 R352 2009	Total quality management		Tata McGraw- Hill	2009	9798214348162	Philippines	N/A
		Acc # 17 00005929	PRINT	1	Iyer, P. Sankara	T57.6 I932 2008	Operations research		Tata McGraw- Hill	2008	9781118627358	India	N/A
		Acc # 18 00006949	PRINT	1	Sivarethinamohan, R.	T57.6 S523 2008	Operations research		Tata McGraw- Hill	2008	9781118627358	India	N/A

	19	Acc # 00005192	PRINT	1	Apa-ap, Renato E.; Cabero, Jonathan B.; Salamat, Lorina G.; Sta. Maria, Antonina C.	HD30.25 Q361 2007	Quantitative technique in management	Rev.	National Bookstore	2007	9781118586730	Philippines	N/A
	20	Acc # 00000194	PRINT	1	Gerard Cachon,Christian Terwiesch	TS155 C323 2006	Matching supply with demand: an introduction to operations management		McGraw Hill Education	2006	9798214349961	USA	N/A
	21	Acc # 00005997	PRINT	1	Dewhurst, Frank	HD30.215 D486 2006	Quantitative methods for business and management (with accompanying CD #06831)	2nd	McGraw Hill Education	2006	9780077109028	USA	N/A
	22	Acc # 00006831	PRINT	1	Dewhurst, Frank	HD30.215 D486 2006	Quantitative methods for business and management (accompaniment of book #05997)	2nd	McGraw Hill Education	2006	9780077109028	USA	N/A
	23	Acc # 00005185	PRINT	1	Hillier, Frederick S.; Lieberman, Gerald J.	T57.6 HS44 2005	Introduction to operations research	8th	McGraw Hill Education	2005	9789811239366	UK	N/A
	24	Acc # 00002010	PRINT	1	Ziauddin Sardar,Iwona Abrams	Q172.5 S273 2004	Introducing chaos		Icon Books	2004	9781394157839	USA	N/A
	25	Acc # 00007321	PRINT	1	Zandin, Kjell B.	T56 M3916 2001	Maynard's industrial engineering handbook	5th	McGraw Hill Education	2001	9781118565988	USA	N/A
	26	Acc # 00003097	PRINT	1	Bill Creech	HD62.15 C732 1994	The five pillars of TQM: how to make total quality management work for you		Truman Talley Books/Plume	1994	9780525937258	USA	N/A
	27	Acc # 00003081	PRINT	1	Richard I. Levin	T57.6 Q361 1989	Quantitative approaches to management	7th	McGraw Hill Education	1989	9798214346571		N/A
2	3	IE117											
	1	Acc # 00012817	PRINT	1	Kroemer, Karl H.E.	QP309 K761 2017	Fitting the human: introduction to ergonomics/human factors engineering		CRC Press	2017	9781119636090	USA	N/A
	2	Acc # 00012833	PRINT	1	Popov, Georgi ; Lyon, Bruce K. ; Hollcroft, Bruce	T10.68 P6614 2016	Risk assessment		John Wiley & Sons	2016	9781119377221	USA	N/A
2	3	IE117L											
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3	1	IE108											
	1	PR # 3000008038; PO # 1000005271	PRINT	1	John Oakland, Robert Oakland	N/A	Statistical Process Control and Data Analytics	8th	Routledge	2025	9781032569024	United Kingdo	N/A
	2	Acc # 00014334	PRINT	1	Basu, Ron	TS 156.8 B378 2023	The Green six sigma handbook: a complete guide for lean six sigma practitioners and managers		Routledge - Taylor and Francis Group	2023	9781032214016	UK	N/A
	3	Acc # 00014335	PRINT	1	3G E-learning	TS 156 I458 2023	Illustrated Handbook of Statistical Quality Control		3G E-learning	2023	9781984681249	USA	N/A

		Wiley 4 Subscription	E-BOOK	15	Chakraborti	N/A	Nonparametric Statistical Process Control			Wiley	2019	9781118890578	USA	https://bookshelf.vitalsource.com/reader/books/9781118890578
		Acc # 5 00012819	PRINT	1	Deshpande, Jayant V. ; Naik-Nimbalkar, Uttara ; Dewan, Isha	N/A	Nonparametric statistics: theory and methods			World Scientific	2018	9781118840429	Singapore	https://bookshelf.vitalsource.com/reader/books/9781118840429
		Acc # 6 00014334	PRINT	1	Basu, Ron	TS 156.8 B378 2023	The Green six sigma handbook: a complete guide for lean six sigma practitioners			Routledge - Taylor and Francis Group	2023	9781032214016	United Kingdom	N/A
3	1	IE122					OPERATIONS RESEARCH 2							
		Acc # 1 00014415	PRINT	1	Edited by Khosla, Anita; Chatterjee, Prasenjit; Ali, Iqbal; Joshi, Dheeraj	TA680 2023	Optimization techniques in Engineering: advances and application			Scrivener Publishing - Wiley	2023	<u>9781119906278</u>	USA	N/A
		Acc # 2 00012757	PRINT	1	Anderson, David R., Sweeney, Dennis J., Williams, Thomas A., Camm, Jeffrey D., Cochran, James J.	HD30.25 A5223 2019	An introduction to management science : quantitative approaches to decision making			Cengage Learning	2019	9798214346571	USA	N/A
		Acc # 3 00011171	PRINT	1	Rardin, Ronald L.	T57.7 R3710 2017	Optimization in operations research	2nd		Pearson	2017	9781118627358	UK	N/A
		Acc # 4 00011160	PRINT	1	Taylor, III Bernard W.	T56 T3917 2016	Introduction to management science	12th		Pearson	2016	9798214346571	UK	N/A
		Acc # 5 00010989	PRINT	1	Penacilla, Isaias ; Dacillo, Gary P.	HD30.25 P4612 2016	Quantitative business management techniques			C & E Publishing Inc.	2016	9781118586730	Philippines	N/A
		Acc # 6 00011170	PRINT	1	Geunes, Joseph	T57.6 G483 2015	Operations planning: mixed integer optimization models			CRC Press/Taylor & Francis Group	2015	9781118626863	USA	N/A
		Acc # 7 00011152	PRINT	1	Render, Barry ; Stair, Jr. Ralph M. ; Hanna, Michael E.	N/A	Qualitative analysis for management	11th		Pearson Education	2014	9781118586730	UK	N/A
		Acc # 8 00011052	PRINT	1	Anderson, David R. [and four others]	T56 A5223 2013	Quantitative methods for business	12th		Cengage Learning	2013	9798214351681	USA	N/A
		Acc # 9 00007369	PRINT	1	Frederick S. Hillier, Gerald J. Lieberman	T57.6 H544 2010	Introduction to operations research			McGraw Hill Education	2010	9789811239366	USA	N/A
		Acc # 10 00005973	PRINT	1	Rajagopalan, S.P.; Sattanathan, R.	HF1017 R344 2009	Business statistics and operations research	2nd		Tata McGraw-Hill	2009	9781119341512	USA	N/A
		Acc # 11 00006376	PRINT	1	Ravindran, A. Ravi [editor]	T57.6 O633 2009	Operations research applications			CRC Press	2009	9789814844956	USA	N/A

	12	Acc # 00006377	PRINT	1	Ravindran, A. Ravi [editor]	T57.6 O632 2009	Operations research methodologies		CRC Press	2009	9781118554661	India	N/A
	13	Acc # 00005184	PRINT	1	Loma, Edwin J.	T57.6 L651 2009	Quantitative decision model		Anvil	2009	9798214346571	India	N/A
	14	Acc # 00005187	PRINT	1	Ramasamy, Subburaj	HD62.15 R352 2009	Total quality management		Tata McGraw- Hill	2009	9798214348162	Philippines	N/A
	15	Acc # 00005929	PRINT	1	Iyer, P. Sankara	T57.6 I932 2008	Operations research		Tata McGraw- Hill	2008	9781118627358	India	N/A
	16	Acc # 00006949	PRINT	1	Sivarethinamohan, R.	T57.6 S523 2008	Operations research		Tata McGraw- Hill	2008	9781118627358	India	N/A
	17	Acc # 00000194	PRINT	1	Gerard Cachon,Christian Terwiesch	TS155 C323 2006	Matching supply with demand: an introduction to operations management		McGraw Hill Education	2006	9798214349961	USA	N/A
	18	Acc # 00005185	PRINT	1	Hillier, Frederick S.; Lieberman, Gerald J.	T57.6 HS44 2005	Introduction to operations research	8th	McGraw Hill Education	2005	9789811239366	USA	N/A
	19	Acc # 00002010	PRINT	1	Ziauddin Sardar,Iwona Abrams	Q172.5 S273 2004	Introducing chaos		Icon Books	2004	9781394157839	UK	N/A
	20	Acc # 00007321	PRINT	1	Zandin, Kjell B.	T56 M3916 2001	Maynard's industrial engineering handbook	5th	McGraw Hill Education	2001	9781118565988	USA	N/A
	21	Acc # 00003097	PRINT	1	Bill Creech	HD62.15 C732 1994	The five pillars of TQM: how to make total quality management work for you		Truman Talley Books/Plume	1994	9780525937258	USA	N/A
	22	Acc # 00003081	PRINT	1	Richard I. Levin	T57.6 Q361 1989	Quantitative approaches to management	7th	McGraw Hill Education	1989	9798214346571	USA	N/A
3	2	IE118					ERGONOMICS 2						
	1	Acc # 00012817	PRINT	1	Kroemer, Karl H.E.	QP309 K761 2017	Fitting the human: introduction to ergonomics/human factors engineering		CRC Press	2017	9781119636090	USA	N/A
	2	Acc # 0012833	PRINT	1	Popov, Georgi ; Lyon, Bruce K. ; Hollcroft, Bruce	T10.68 P6614 2016	Risk assessment		John Wiley & Sons	2016	9781119377221	USA	N/A
	5												
3	2	IE118L					ERGONOMICS 2 (LABORATORY)						
	1												
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	3												
	4												
	5												
3	2	IE137-1P					OPERATIONS MANAGEMENT (PAIRED)						
	1	Acc # 00013958	PRINT	1	Heizer, Jay; Render, Barry; Munson, Chuck	TS 155 H443 2024	Principles of Operations Management		Pearson Education	2024	9781292459127	London, England	N/A
	2	Acc # 00014165	PRINT	1	Slack, Nigel; Jones, Alistair Brandon; Burgess, Nicola	TS 155 S561 2023	Essential of Operations Management	3rd	Pearson Education	2023	9781292449265	London, England	N/A

		Acc # 3 00014147	PRINT	1	Sharma, Abhishek	TS 155 S537 2023	Production and Operations Management		Toronto Academic Press	2023	9781774697276	Canada	N/A
		4											
		5											
3	2	IE200-1P					RESEARCH METHODS FOR INDUSTRIAL ENGINEERS						
		1											
		2											
		3											
		4											
		5											
3	2	IE134					RISK ANALYSIS AND MANAGEMENT						
		Wiley 1 Subscription	E-BOOK	15	Meeker, William; Escobar, Luis; Pascual, Francis	N/A	Statistical Methods For Reliability Data, Second Edition		Wiley Global Research (STMS)	2022	9781118594483	USA	https://bookshelf.vitalsource.com/reader/books/9781118594483
		Wiley 2 Subscription	E-BOOK	15	Rausand, Marvin; Barros, Anne; Hoyland, Arnljot	N/A	System Reliability Theory: Models, Statistical Methods, and Applications	3rd	Wiley Global Research (STMS)	2020	9781119373957	USA	https://bookshelf.vitalsource.com/reader/books/9781119373957
		Acc # 3 00012822	PRINT	1	Kloppenborg, Timothy J. ; Anantatmula, Vittal ; Wells, Kathryn N.	HD69.P75 K529 2019	Contemporary project management	4th	Cengage Learning	2019	9798214340746	USA	N/A
		Acc # 4 00013638	PRINT	1	Todinov, Michael	TA169 T649	Methods for reliability improvement and risk reduction		John Wiley & Sons	2019	9781119477594	USA	N/A
		Acc # 5 00011195	PRINT	1	Anthony, Jiju ; Vinodh, S. ; Gijo, E. V.	TS156.17 A577 2016	Lean six sigma for small and medium sized enterprises: a practical guide		CRC Press	2016	9781482260083	USA	N/A
		Acc # 6 00012833	PRINT	1	Popov, Georgi ; Lyon, Bruce K. ; Hollcroft, Bruce	T10.68 P6614 2016	Risk assessment		John Wiley & Sons	2016	9781119377221	USA	N/A
		Acc # 7 00009838	PRINT	1	Srinivasan, Mandyam M. ; Stank, Theodore P. ; Dornier, Philippe- Pierre ; Petersen, Kenneth J	HD38.5 S6451 2014	Global supply chains		McGraw Hill Education	2014	9780745679730	USA	N/A
		Acc # 8 00010252	PRINT	1	Elsayed, Elsayed A.	TA169 E474 2012	Reliability engineering	2nd	John Wiley & Sons	2012	9781118841792	USA	N/A
3	2	IE161P					SAP ERP 6.0						

		PR # 3000008038; PO # 1 100005271	PRINT	1	John Oakland, Robert Oakland	N/A	Statistical Process Control and Data Analytics	8th	Routledge	2025	9781032569024	UK	
		Acc # 2 00009838	PRINT	1	Srinivasan, Mandyam M. ; Stank, Theodore P. ; Dornier, Philippe- Pierrre ; Petersen, Kenneth J	HD38.5 S6451 2014	Global supply chains		McGraw Hill Education	2014	9780745679730	USA	N/A
		3											
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3	2	IE171					SIX SIGMA AND LEAN MANUFACTURING						
		Acc # 1 00014334	PRINT	1	Basu, Ron	TS 156.8 B378 2023	The Green six sigma handbook: a complete guide for lean six sigma practitioners and managers		Routledge - Taylor and Francis Group	2023	<u>9781032214016</u>	United Kingdom	N/A
		Wiley 2 Subscription	E-BOOK	15	McPhee, Wayne; Dias, Sabrina	N/A	Integrating Sustainability Into Major Projects: Best Practices and Tools for Project Teams		Wiley Professional Development (P&T)	2020	<u>9781119557890</u>	USA	https://bookshelf.vitalsource.com/reader/books/9781119557890
		Wiley 3 Subscription	E-BOOK	15	Briffaut	N/A	From Complexity in the Natural Sciences to Complexity in Operations Management Systems		Wiley	2019	9781119610816	USA	https://bookshelf.vitalsource.com/reader/books/9781119610816
		Wiley 4 Subscription	E-BOOK	15	Zembri-Mary	N/A	Project Risks: Actions Around Uncertainty in Urban Planning and Infrastructure Development		Wiley	2019	9798214351254	USA	https://bookshelf.vitalsource.com/reader/books/9781119671114
		Acc # 5 00012353	PRINT	1	Swink, Morgan	HD 38.5 S947 2017	Managing operations across the supply chain		McGraw Hill Education	2017	9789813108813	USA	N/A
		Acc # 6 00012087	PRINT	1	Jacobs, F. Robert ; Chase, Richard B.	TS 155 J3210 2017	Operations and supply management : the core	4th	McGraw Hill Education	2017	9798214349961	USA	N/A
		Acc # 7 00011296	PRINT	1	Patel, Suresh	TS 156.17.S59 P3743 2016	The tactical guide to six sigma implementation		CRC Press	2016	9781118238042	USA	N/A
		Acc # 8 00011205	PRINT	1	Wilson, Lonnie	TS 157 W5452 2015	How to implement lean manufacturing	2nd	McGraw Hill Education	2015	9781444393118	USA	N/A
		Acc # 9 00009838	PRINT	1	Srinivasan, Mandyam M. ; Stank, Theodore P. ; Dornier, Philippe- Pierrre ; Petersen, Kenneth J	HD 38.5 S6451 2014	Global supply chains		McGraw Hill Education	2014	9780745679730	USA	N/A
		Acc # 10 00009848	PRINT	1	Jacobs, F. Robert	TS 155 J3210 2014	Operations and supply chain management	4th	McGraw Hill Education	2014	9781119905622	USA	N/A
		Acc # 11 00009881	PRINT	1	Kerzner, Harold	HD 69.P75 K476 2014	Project management best practices	3rd	John Wiley & Sons	2014	9781118204726	USA	N/A

	12	Acc # 00009804	PRINT	1	Burke, Rory.	HD 69.P75 B8728 2014	Project management leadership		Wiley Publishing	2014	9781118825402	USA	N/A
	13	Acc # 00010344	PRINT	1	Pande, Peter S.	TS 156.17.S59 P3615 2014	The six sigma way : how to maximize the impact of your change and improvement efforts		McGraw Hill Education	2014	9780071497329	USA	N/A
	14	Acc # 00010580	PRINT	1	Meyer, Thierry	T 174.5 M491 2013	Engineering risk management		De Gruyter	2013	9781118919378	Germany	N/A
	15	Acc # 00008434	PRINT	1	Stewart, John.	HD 30.3 S7327 2012	The Toyota Kaizen continuum		CRC Press	2012	9781118909348	USA	N/A
3	3	IE138					FACILITIES PLANNING AND DESIGN PRINCIPLES						
	1												
	2												
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3	3	IE151-1					PROJECT FEASIBILITY						
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3	3	IE141P					SYSTEMS SIMULATION (PAIRED)						
	1	Acc # 00011156	PRINT	1	Rossetti, Manuel D.	QA 76.9.C65 R6711 2016	Simulation modeling and arena	2nd	Wiley Publishing	2016	9780470030905	USA	N/A
	2	Acc # 00004279; 0006379	PRINT	2	Elizandro, David; Taha, Hamdy	T 57.62 E445 2008	Simulation of industrial systems : discrete event simulation using Excel/VBA		Auerbach Publications	2008	9781118732762	USA	N/A
	3	Acc # 00008030	PRINT	1	Gould, Harvey	QC 52 G687 2007	An introduction to computer simulation methods		Pearson / Addison Wesley	2007	9781119849865	USA	N/A
	4	Acc # 00000749; 00003326	PRINT	2	Jeffrey Travis,Jim Kring	Q 183.A1 T723 2007	LabVIEW for everyone: graphical programming made easy and fun	3rd	Prentice Hall	2007	9781118003640	UK	N/A
	5	Acc # 00000706	PRINT	1	Lawrence M. Leemis, Stephen K. Park	QA 402 L437 2006	Discrete-event simulation: a first course		Pearson Prentice Hall	2006	9781118732762	UK	N/A
	6	Acc # 00000908	PRINT	1	Adedeji B. Badiru	T 56.23 B323 2006	Handbook of industrial and systems engineering		Taylor & Francis	2006	9781119814313	UK	N/A
	7	Acc # 00007321	PRINT	1	Zandin, Kjell B. [editor]	T 56 M3916 2001	Maynard's industrial engineering handbook	5th	McGraw Hill Education	2001	9781118565988	USA	N/A
3	3	IE200D-2					IE CAPSTONE PROJECT 2						
	1	Acc # 00005702	PRINT	1	McMurrey, David A.; Buckley, Joanne	T 11 M355 2008 Copy 1	A writer's handbook for engineers		Thomson	2008	9781118762394	USA	N/A
	2												
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	4												
	5												
3	3	IE135					TOTAL PRODUCTIVE MAINTENANCE AND RELIABILITY						

	1	Acc # 00013638	PRINT	1	Todinov, Michael	TA 169 T649 2019	Methods for reliability improvement and risk reduction		John Wiley & Sons	2019	9781119477594	USA	N/A
	2	Acc # 00011165	PRINT	1	Valacich, Joseph S. ; George, Joey F.	QA 76.9.S88 V3418 2017	Modern systems: analysis and design	8th Global Edition	Pearson	2017	9781292154145	UK	N/A
	3	Acc # 00011294	PRINT	1	Pawlak, Ralph R.	TA 330 P387 2016	Solving complex industrial problems without statistics		CRC Press	2016	9780470584125	USA	N/A
	4	Acc # 00009838	PRINT	1	Srinivasan, Mandyam M. ; Stank, Theodore P. ; Dornier, Philippe- Pierre ; Petersen, Kenneth J	HD 38.5 S6451 2014	Global supply chains		McGraw Hill Education	2014	9780745679730	USA	N/A
	5												
3	3	IE422					COMPENSATION ADMINISTRATION						
	1	Acc # 00009838	PRINT	1	Srinivasan, Mandyam M. ; Stank, Theodore P. ; Dornier, Philippe- Pierre ; Petersen, Kenneth J	HD 38.5 S6451 2014	Global supply chains		McGraw Hill Education	2014	9.78075E+12	USA	N/A
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4	1	IE139-1					SUPPLY CHAIN MANAGEMENT						
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4	1	IE152					SYSTEMS ENGINEERING						
	1	Acc # 00014332	PRINT	1	Edited by Eriksson, Yvonne	NK 1520 D544 2022	Different perspectives in design thinking		CRC Press - Taylor & Francis Group	2022	<u>9780367254230</u>	USA	N/A
	2	Cengage Subscription	E-BOOK	15	Garber, Nicholas	N/A	Traffic and Highway Engineering	5th	Cengage Learning US	2020	<u>9798214355221</u>	USA	https://bookshelf.vitalsource.com/reader/books/9798214355221
	3	Wiley Subscription	E-BOOK	15	CCPS (Center for Chemical Process Safety)	N/A	Guide for Making Acute Risk Decisions		Wiley	2019	9781119669081	USA	https://bookshelf.vitalsource.com/reader/books/9781119669081

	4	Cengage Subscription	E-BOOK	15	Das/Sivakugan	N/A	Principles of Foundation Engineering	9th	Cengage	2019	9798214351100	USA	https://bookshelf.vitalsource.com/reader/books/9798214351100
	5	Cengage Subscription	E-BOOK	15	Das/Sivakugan	N/A	Principles of Foundation Engineering, SI Edition	9th	Cengage	2019	9798214352718	USA	https://bookshelf.vitalsource.com/reader/books/9798214352718
	6	Acc # 00012611	PRINT	1	Sassani, Farrokh	T 56.4 S2719 2017	Industrial engineering foundations		Mercury Learning and Information	2017	9781118565988	USA	N/A
	7	Acc # 00011165	PRINT	1	Valacich, Joseph S. ; George, Joey F.	QA 76.9.S88 V3418 2017	Modern systems: analysis and design	8th Global Edition	Pearson	2017	9781292154145	UK	N/A
	8	Acc # 00011293	PRINT	1	Shetty, Devdas	TS 171.4 S5338 2016	Product design for engineers		Cengage Learning	2016	9798214351322	USA	N/A
	9	Acc # 00010771	PRINT	1	Blanchard, benjamin S.	TA 168 B5212 2016	System engineering management		Wiley Publishing	2016	9781119225324	USA	N/A
	10	Acc # 00011164	PRINT	1	Carlton, Dennis W. ; Perloff, Jeffrey M.	HD 2326 C3775 2015	Modern industrial organization	4th	Pearson	2015	9781119714965	USA	N/A
	11	Acc # 00011295	PRINT	1	Cloutier, Robert ; Baldwin, Clifton ; Bone, Mary Alice	TA 168 C568 2015	Systems engineering simplified		CRC Press	2015	9781118975305	UK	N/A
	12	Acc # 00009373	PRINT	1	Elizandro, David	T 57.62 E445 2012	Performance evaluation for industrial systems		Taylor & Francis	2012	9781119461203	UK	N/A
	13	Acc # 00007974	PRINT	1	Blanchard, Benjamin S.	TA 168 B5212 2011	Systems engineering and analysis	5th	Prentice Hall	2011	9781119279044	USA	N/A
	14	Acc # 00006286	PRINT	1	Garvey, Paul R.	T 174.5 G375 2009	Analytical methods for risk management : a systems engineering perspective		CRC Press	2009	9780470649190	USA	N/A
	15	Acc # 00006375	PRINT	1	Taylor, G. Don [editor]	TA 168 I571 2009	Introduction to logistics engineering		CRC Press	2009	9781119212164	USA	N/A
	16	Acc # 00006381	PRINT	1	Jamshidi, Mo [editor]	TA 168 S971 2009	Systems of systems engineering : principles and applications		CRC Press	2009	9781119516705	USA	N/A
	17	Acc # 00006170	PRINT	1	Parnell, Gregory S. ... [et al.]	TA 168 D4215 2008	Decision making in systems engineering and management		Wiley Interscience	2008	9781119901426	USA	N/A
	18	Acc # 00006146	PRINT	1	Eisner, Howard	TA 168 E376 2008	Essentials of project and systems engineering management	3rd	John Wiley & Sons	2008	9781118276341	USA	N/A
	19	Acc # 00000708	PRINT	1	Benjamin S. Blanchard, Wolter J. Fabrycky	TA 168 B5212 2006	Systems engineering and analysis	4th	Pearson Prentice Hall	2006	131963260	UK	N/A
	20	Acc # 00002680	PRINT	1	Tom Gilb	TA 168 G541 2005	Competitive engineering: a handbook for systems engineering, requirements engineering, and software		Elsevier / Butterworth Heinemann	2005	750665076	UK	N/A
	21	Acc # 00000474	PRINT	1	Howard Eisner	TA 168 E376 2005	Managing complex systems: thinking outside the box		John Wiley & Sons	2005	471690066	USA	N/A
	22	Acc # 00007321	PRINT	1	Zandin, Kjell B. [editor]	T 56 M3916 2001	Maynard's industrial engineering handbook	5th	McGraw Hill Education	2001	9781118565988	USA	N/A

		4												
		5												
4	1	IE172					NEW TRENDS IN IE							
		Acc # 1 00011160	PRINT	1	Taylor, III Bernard W.	T 56 T3917 2016	Introduction to management science	12th Global Edition	Pearson	2016	9798214346571	UK	N/A	
		Acc # 2 00011154	PRINT	1	Pinto, Jeffrey K.	HD 69.P75 P567 2016	Project management: achieving competitive advantage	4th Global Edition	Pearson	2016	9781118586730	UK	N/A	
		Acc # 3 00009838	PRINT	1	Srinivasan, Mandyam M. ; Stank, Theodore P. ; Dornier, Philippe- Pierrre ; Petersen, Kenneth J	HD 38.5 S6451 2014	Global supply chains		McGraw Hill Education	2014	9780745679730	UK	N/A	
		Acc # 4 00011152	PRINT	1	Render, Barry ; Stair, Jr. Ralph M. ; Hanna, Michael E.	T 56 R468 2014	Quantitative analysis for management	11th Global Edition	Pearson Education	2014	9781118586730	USA	N/A	
		5												
4	1	IE173					SPECIAL TOPICS IN IE							
		Acc # 1 00014144	PRINT	1	Jones, Gareth R. ; George, Jennifer M.	HD 31 J664 2024	Essentials of Contemporary Management	10th	McGraw Hill	2023	<u>9781266272110</u>	United Kingdom	N/A	
		Acc # 2 00014415	PRINT	1	Edited by Khosla, Anita; Chatterjee, Prasenjit; Ali, Ikbal; Joshi, Dheeraj	TA 680.685 2023	Optimization techniques in Engineering: advances and application		Scrivener Publishing - Wiley	2023	<u>9781119906278</u>	USA	N/A	
		Acc # 3 00012822	PRINT	1	Kloppenborg, Timothy J. ; Anantamula, Vittal ; Wells, Kathryn N.	HD 69.P75 K529 2019	Contemporary project management	4th	Cengage Learning	2019	9798214340746	USA	N/A	
		Acc # 4 00011170	PRINT	1	Geunes, Joseph	T 57.6 G483 2015	Operations planning: mixed integer optimization models		CRC Press/Taylor & Francis Group	2015	9781118626863	USA	N/A	
		Acc # 5 00009838	PRINT	1	Srinivasan, Mandyam M. ; Stank, Theodore P. ; Dornier, Philippe- Pierrre ; Petersen, Kenneth J	HD 38.5 S6451 2014	Global supply chains		McGraw Hill Education	2014	9780745679730	USA	N/A	
4	2	IE199R-1					IE PRACTICUUM							

