

Textbooks & Reference books list
(Summer Intensive Courses)

Course #	Course Title	Text/Ref.	Location Area	Call #	Title	Author / Editor	Publisher	Note
I473	Hardware/Software Codesign	Text	Information Sci.	-	若林一敏. ソフトウェアプログラムからハードウェア記述を合成する高位合成技術. Fundamental Review. 2012, Vol6 No.1, p. 37-50			Available on the web https://doi.org/10.1587/essfr.6.37
		Ref.	Information Sci.	C31.2/ M /	Synthesis and Optimization of Digital Circuits [International ed]	Givanni De Mecheli	McGraw-Hill, 1994	
		Ref.	Information Sci.	C31.2/ M /	Synthesis and Optimization of Digital Circuits	Givanni De Mecheli	McGraw-Hill, 1994	
		Ref.	Information Sci.	C45.2/ C /	Codesign : computer-aided software/hardware engineering	Jerzy Rozenblit and Klaus Buchenrieder (ed.)	IEEE Press, 1994	
		Ref.	Information Sci.	C31.3/ H /	Hardware/ Software Co-design	G.De Micheli, M.Sami (ed.)	Kluwer Academic, 1996	
K413	Comparative Study of Knowledge Institutions	Ref.	Knowledge Sci.	331.8/ N /	National Innovation Systems	R. Nelson (ed.)	Oxford University Press, 1993	
		Ref.	Knowledge Sci.	336.1/ G /	Innovation: Measures for Revitalization (in Japanese) → イノベーション：活性化のための方策	A. Goto	Toyo Keizai, 2016	Only available from JAIST network https://elib.maruzen.co.jp/elib/html/BookDetail/Id/3000031126
		Ref.	Knowledge Sci.	507 / I /	The Birth of Innovation Ecosystem (in Japanese) → イノベーション・エコシステムの誕生	A. Nagata (ed.)	Chuo Keizai, 2022	On order
K433	Practice of Management of Technology Innovations	Ref.	Knowledge Sci.	335.2/ C / 1	Visionary Company: Principles for Surviving and Thriving in a Changing World (in Japanese) → 時代を超える生存の原則 (ビジョナリー・カンパニー)	James C. Collins	Nikkei BP, 1995	
		Ref.	Knowledge Sci.	673.3/ B /	Amazon's Strongest Way of Working (in Japanese) → アマゾンの最強の働き方	Colin Brier, Bill Carr	Diamond Inc., 2022	On order
		Ref.	Knowledge Sci.	602.1/ K /	Major Changes in Industries (Kodansha Gendai Shinsho : Chronology of the Future) (in Japanese) → 業界大変化：瀬戸際の日本で起きること (講談社現代新書：未来の年表)	Masashi Kawai	Kodansha, 2022	
		Ref.	Knowledge Sci.	549.8/ M /	Semiconductor War (in Japanese) → 半導体戦争：世界最重要テクノロジーをめぐる国家間の攻防	Chris Miller	Diamond Inc., 2023	On order
		Ref.	Knowledge Sci.	C51 / K /	The Singularity is Near [Essentials Edition] (in Japanese) → シングularityは近い：人類が生命を超越するとき [エッセンス版]	Ray Kurzweil	NHK Publishing, 2016	On order
		Ref.	Knowledge Sci.	332.2/ H /	Latest Risk Analysis of East Asia (in Japanese) → 東アジア最新リスク分析：「新冷戦」下の経済安全保障	Yuji Miyamoto, Atsushi Ijuin, Japan Economic Research Center	Nikkei Publishing Inc., 2022	On order
		Ref.	Knowledge Sci.	336.1/ A /1	After Digital (in Japanese) → オフラインのない時代に生き残る (アフターデジタル；[1])	Yasufumi Fujii, Kazuhiro Ohara	Nikkei BP, 2019	
		Ref.	Knowledge Sci.	336 / N /	Becoming an Innovator: How to Turn People and Organizations into Innovators (in Japanese) → イノベーターになる：人と組織を「革新者」にする方法	Naohiro Nishiguchi, Noboru Konno	Nikkei Publishing, 2018	On order
		Ref.	Knowledge Sci.	366.2/ W /	Easy-to-understand Career Studies (in Japanese) → わかりやすいキャリア学	co-authored by Hiromi Koga, Shinichiro Nomoto, etc.	Gakubunsha, 2018	Only available from JAIST network https://elib.maruzen.co.jp/elib/html/BookDetail/Id/3000063080
		Ref.	Knowledge Sci.	-	Innovating the Development Design Process by Utilizing Quality Data (Management Basics Series for Development Designers and Engineers ; Part 1) (in Japanese) →品質データを活用して、開発設計プロセスを革新する（開発設計者、技術者のためのマネジメント基礎シリーズ；①）	Shinichiro Nomoto	Amazon Service, 2021	Not Purchased (Kindle)
		Ref.	Knowledge Sci.	-	How to Approach Marketing for Development Designers (Fundamentals of Management for Development Designers and Engineers Series ; 2) (in Japanese) →開発設計者のためのマーケティングの進め方（開発設計者、技術者のためのマネジメント基礎シリーズ；②）	Shinichiro Nomoto	Amazon Service, 2021	Not Purchased (Kindle)
		Ref.	Knowledge Sci.	-	Knowledge Management and Why-Why Analysis for Development Design and Engineering Departments (Fundamentals of Management for Development Designers and Engineers Series ; 3) (in Japanese) →開発設計・技術部門のためのナレッジ・マネジメントとなぜなぜ分析（開発設計者、技術者のためのマネジメント基礎シリーズ；③）	Shinichiro Nomoto	Amazon Service, 2021	Not Purchased (Kindle)
K482	Community Management Strategy	Ref.	Knowledge Sci.	-	Hillery, G. A. Definitions of community: areas of agreement. Rural Sociology, 1955, 20(2), p.111-123			Journal articles (N/A in JAIST Library)
		Ref.	Knowledge Sci.	518.8/ S /	Community Participation Methods in Design and Planning	Sanoff, H.	John Wiley&Sons, 2000	
		Ref.	Knowledge Sci.	318 / B /	Resilient Participation : Saving the Human Project?	Bell, S. and Morse, S.	Routledge, 2012	
		Ref.	Knowledge Sci.	334.7/ A /	Adaptive Collaborative Approaches in Natural Resource Governance : Rethinking Participation, Learning and Innovation	Ojha, H.T., Hall, A. and Sulaiman V, R.	Routledge, 2013	
		Ref.	Knowledge Sci.	519.8/ E /	Shands, W.E. "Leadership in a community of interests" in Ecosystem Management, pp.117-124.	Jennifer, A. et al. [ed.]	Taylor & Francis, 1999	
K492	Entrepreneurship and Innovation	Ref.	Knowledge Sci.	335 / B /	The four steps to the epiphany : successful strategies for products that win [5th ed.]	Blank, S.	[Steve Blank], 2013	

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		Ref.	Knowledge Sci.	335.1/ P /	The portable MBA in entrepreneurship [4th ed.]	Bygrave, W. D., & Zacharakis, A.	Wiley, 2010	Only available from JAIST network https://onlinelibrary.wiley.com/doi/book/10.1002/9781118256121
L221	Ethical Issues in Science	Ref.	General Edu.	407 / K /	科学の健全な発展のために：誠実な科学者の心得	日本学術振興会 「科学の健全な発展のために」 編集委員会 編	丸善出版, 2015	Available on the web https://www.isps.go.jp/file/storage/general/i-kousei/data/rinri_e.pdf
		Ref.	General Edu.	407 / K /	科学者をめざす君たちへ：研究者の責任ある行動とは	米国科学アカデミー（編）；池内了（訳）	化学同人, 2010	
M431	Evaluation of Properties of Materials	Ref.	Materials Sci.	M51 / T /	Modern molecular photochemistry of organic molecules	Nicholas J. Turro, V. Ramamurthy, J.C. Scaiano	University Science Books, 2010	On order
		Ref.	Materials Sci.	M04 / P /	Electronic Processes in Organic Crystals and Polymers [2nd ed.]	Martin Pope and Charles E. Swenberg	Oxford University Press, 1999	
M432E	Evaluation of Functions of Materials (E)	Ref.	Materials Sci.	M84 / G /	Catalytic Chemistry	B. C. Gates	Wiley, 1992	
		Ref.	Materials Sci.	M43 / D /	Sustainable Energy	R. A. Dunlap	Cengage Learning, 2015	
		Ref.	Materials Sci.	M43 / D /	Sustainable Energy [2nd ed.]	R. A. Dunlap	Cengage Learning, 2019	
		Ref.	Materials Sci.	M43 / B /	Biomass processing technologies	V. Strezov and T. J. Evans	CRC Press, 2015	
M618E	Materials Design (E)	Ref.	Materials Sci.	M93 / B /	Biomaterials Science [3rd ed.]	Ed. Buddy D. Ratner	Academic Press, 2013	Only available from JAIST network http://www.sciencedirect.com/science/book/9780123746269
		Ref.	Materials Sci.	M71 / S /	Polymer Chemistry : An Introduction [3rd ed.]	Malcolm P. Stevens	Oxford Univ Press , 1999	
		Ref.	Materials Sci.	M47 / A /	Nanomaterials for Medical Applications	Zoraida P. Aguilar	Elsevier, 2013	Only available from JAIST network https://www.sciencedirect.com/science/book/9780123850898