

Course #	Course Title	Text/Ref.	Call #	Title	Author / Editor	Publisher	Note
I116	Fundamentals of Programming	Ref.	-	Python.org	-	-	<a href="https://www.python.org/">Available on the web https://www.python.org/</a>
I213	Discrete Signal Processing	Ref.	C54.2/ C	<a href="#">Linear System Theory and Design [International 4th ed.]</a>	Chi-Tsong Chen	Oxford University Press, 2013	
		Ref.	C53.1/ O	<a href="#">Discrete-Time Signal Processing [2nd ed.]</a>	Alan V. Oppenheim, Ronald W. Schafer, and John R. Buck	Prentice-Hall International, 1999	
I217	Functional Programming	Ref.	-	CafeOBJ website	-	-	<a href="https://cafeobj.org/">Available on the web https://cafeobj.org/</a>
I218	Computer Architecture	Text	C31.3/ P	<a href="#">Computer Organization and Design : The Hardware/Software Interface [6th ed.]</a>	David A.Patterson and John L.Hennessy	Morgan Kaufmann., 2021	
I219	Software Design Methodology	Ref.	C42.3/ B	<a href="#">The Unified Modeling Language User Guide [2nd ed.]</a>	G. Booch, et.al	Addison-Wesley, 2005	
		Ref.	C42.3/ R	<a href="#">Unified Modeling Language Reference Manual [2nd ed.]</a>	J. Rumbaugh, et.al	Addison-Wesley, 2005	
		Ref.	C42.3/ F	<a href="#">UML Distilled: A Brief Guide to the Standard Object Modeling Language [3rd ed.]</a>	M. Fowler	Addison-Wesley, 2004	
		Ref.	C45.2/ D	<a href="#">Design Patterns: Elements of Reusable Object-Oriented Software</a>	E. Gamma, et.al	Addison-Wesley, 1995	
		Ref.	C33.1/ A	<a href="#">The Java Programming Language [4th ed.]</a>	K. Arnold, et.al	Addison-Wesley, 2006	
I223E	Natural Language Processing (E)	Ref.	C45.1 / I / 15	<a href="#">Shizen Gengo Shori (in Japanese) → 自然言語処理</a>	M. Nagao et al	Iwanami Publishers, 1996	
		Ref.	C52.1/ A	<a href="#">Natural Language Understanding [2nd ed.]</a>	J. Allen	Benjamin/Cummings Publishing Company, 1995	
		Ref.	C52.1/ M	<a href="#">Foundations of Statistical Natural Language Processing</a>	C.D. Manning and H. Schutze	MIT Press, 1999	
I226	Computer Networks	Text	C33.1/ T	<a href="#">Computer Networks [5th ed.]</a>	A.S. Tanenbaum and D.J. Wetherall	Pearson, 2011	
		Ref.	C33.1/ S	<a href="#">Data and Computer Communications [10th ed.]</a>	W. Stallings	Peason, 2014	
		Ref.	C33.1/ T	<a href="#">Basic Information Network (in Japanese) → 情報ネットワークの基礎</a>	Shuji Tasaka	Mathematical Engineering Inc., 2003	
		Ref.	C33.1/ F / 1	<a href="#">The Protocols (TCP/IP Illustrated ; vol. 1) [2nd ed.]</a>	K.R. Fall and W.R. Stevens	Addison-Wesley, 2012	
		Ref.	C33 / O	<a href="#">Introduction to Computer Network: TCP/IP Protocol Suite and Security (in Japanese) → コンピュータネットワーク入門 - TCP/IP プロトコル群とセキュリティ</a>	Masato Oguchi	Computer Science Library, 2007	
I238E	Computation Theory (E)	Text	C23.2/ S	<a href="#">Introduction to the Theory of Computation [3rd ed]</a>	M. Sipser	Cengage Learning, 2013	
I239	Machine Learning	Ref.	C53.3/ B	<a href="#">Pattern recognition and machine learning</a>	Christopher M. Bishop	Springer, 2006	
		Ref.	C51.3/ M	<a href="#">Machine Learning : A Probabilistic Perspective (Adaptive Computation and Machine Learning series)</a>	Kevin P. Murphy	MIT press, 2012	
		Ref.	C51.3/ G	<a href="#">Deep Learning</a>	Ian Goodfellow and Yoshua Bengio and Aaron Courville	MIT press, 2016	
I471	Study on Practical Architectures for IoT Systems	Ref.	C45.1/ B	<a href="#">Software Architecture in Practice [3rd ed]</a>	Len Bass, Paul Clements, Rick Kazman	Addison-Wesley, 2012	
		Ref.	C45.1/ B	<a href="#">Software Architecture in Practice [4th ed]</a>	Len Bass, Paul Clements, Rick Kazman	Addison-Wesley, 2022	
I645E	Human Perceptual Systems and its Models (E)	Ref.	C51.4/ M	<a href="#">An Introduction to the Psychology of Hearing [5th rev. ed.]</a>	B. C. J. Moore	Emerald , 2004	
		Ref.	141.2/ P	<a href="#">The Sense of Hearing</a>	C. J. Plack	Lawrence Erlbaum Associates, 2005	
I649E	Advanced Wireless Networks (E)	Text	C33 / G	<a href="#">Artificial Intelligence and Quantum Computing for Advanced Wireless Networks</a>	Savo G. Glisic, Beatriz Lorenzo	Wiley, 2022	
		Ref.	C33/ A	<a href="#">Advanced Wireless Communications and Networks</a>	Bernhard Ekman	NY Research Press, 2015	
		Ref.	C33/ G	<a href="#">Advanced Wireless Networks: Technology and Business Models [3rd ed.]</a>	Savo G. Glisic	Wiley, 2016	
		Ref.	C33/ M	<a href="#">Modeling and Optimization of Advanced Wireless Networks</a>	Albert Mraz	LAP LAMBERT Academic Publishing,, 2013	