

Catalog No.	Course	Lecturer	Semester	
			1st	2nd
046002	Design and Analysis of Algorithms	Prof. Y. Moses		2,1
046005	Computer Networks & Internet	Dr . D. Lorentz		2,1
046006	Advanced Topics 3	Assis. Prof. E. Cohen		2,1
046012	Introduction to Organic Materials and Devices	Prof. N. Tessler	2,1	
046042		Assis. Prof. Y. Levron	2,1	
046052	Quantum Optoelectronics	Assoc. Prof. E. Buks	2,1	
046129	+ Solid State Physics EE	Assis. Prof.A. Hayat	2,1	
046187	+ Analog Circuit Design	Mr.R. Elbhar	2,1	
046188	+ Mixed Signal Electronic Circuits	Dr. C. Jakobson		2,1
046189	DESIGN OF Active Networks	Mr .A. Diskin		2,1
046193	Data Analysis	Prof. R. Meir	2,1	2,1
046194	+ Learning and Planing in Dynamic Program	Prof. S. Manor		2,1
046195	+ Machine Learning	D"r D. Sudri/ Prof. N. Shimkin	2,1	2,1
046197	+ Computational Methods	Assis. Prof. I. Tal		2,1
046200	+ Image Processing and Analysis	Prof. I. Cohen/ Assoc. Prof. Y. Schechner	2,1	2,1
046201	+ Introduction to Random Signal Processes	Prof. Y. Eldar		2,1
046204	+ Analog Communication	Mr. N. Weinberger	2,1	
046205	+ Introduction to Coding Theory in Communication	Assoc. Prof. I. Sason	2,1	
046206	+ Introduction to Digital Communication	Distinguished Prof. Y. Stainberg / prof. N. Merhav	2,1	2,1
046209	+ Structure of Operating Systems	Assis. Prof. M. Silbershtein/ D.Eyal	2,2	2,2
046210	+Laboratory in Operating Systems	Assis. Prof. M. Silbershtein	4 Lab	4 Lab
046216	+ Microwaves	Prof. L. Schachter		2,1
046225	+ Physical Principles of Semiconductors	Prof. D. Ritter	2,1	2,1
046232	Chapters nanoelectronics	Assoc. Prof. E. Buks		2,1

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046235	Integrated Power Management Devices	Prof. D. Ritter		2,1
046237	+ Integrated Circuits	Prof. R. Ginosar/Mr. E. Maayan	2,1	2,1
046239	+ Laboratory Courses in Nano-Electronics	Prof. N. Tessler		2,1
046241	Quantum Mechanics	Assoc. Prof. E. Buks	2,1	
046244	Side Waves	Assoc. Prof. E. Buks		2,1
046249	+ Electro-Optic Systems	Assoc. Prof. Y. Schechner	2,1	
046250	+ Electro-Optic 2	prof. M. Horowitz		2,1
046256	+ Antennae and Radiation	Prof. Y. Leviatan		2,1
046265	Advanced Circuits and Architectures	Assis. Prof. S. Kvatinsky	2,1	
046266	+ Compilation Methods	Dr. E. Zaks	2,1	
046267	+ Computer Architecture	Assoc. Prof. Y. Birk / Assic.Prof. Y. Estion	2,1	2,1
046268	engineering, computer processors	Assic.Prof. Y. Estion	2,1	
046271	+ Object-Oriented Programming and Design	Mr. G. Zodik	2,1	
046272	Distributed Systems: Principles	Prof. I. Keidar	2,1	
046273	Distributed Functional Programming	Mr .H. Gazit		2,1
046275	Dinamic Binary Translation Optimization	Mr. G. Haber		2,1
046278	Computational Accelerators and Accelera	Assis. Prof. M. Silbershtein		2,1
046326	+ Introduction to Biological Signals	Dr .D. Sudri	2,1	
046332	+ Visual and Auditory Systems	Prof.M. Porat/Dr. R. Kaftory	2,1	2,1
046733	+ Information Theory	Prof Y.Sasson/Prof .N. Merhav	2,1	2,1
046745	+ Digital Signal Processing	Dr. G. Ben David	2,1	
046746	+ Algorithms and Application	Assoc. Prof. L. Zelnik-Manor		2,1
046773	+ Electroopt Semiconduc Devices-Detectors	Prof. Y. Nemirovsky	2,1	
046831	+ Introduction to Medical Imaging	Assis. Prof. G. Gilboa		2,1

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046851	Semicon Lasers and Integ Photonic Device			2,1
046853	Advanced Architecture	Prof. U. Weiser	2,1	
046864	+ Design of High Speed Digital Systems	Dr. M. Werner		2,1
046868	+ Foundations of Stochastic Processes	Prof. R. Adler	2,1	
046880	+Cad of Vlsi Systems	E. Zehavi	2,1	
046903	+ RF CMOS Integrated Circuits	Assis. Prof. E. Cohen	2,1	
046918	Algorithms for the preparation and testing circuits and I.al.as.ai	Dr. K. Moiseev		2,1
046968	+ Micromachining and Micro-electromechanical Systems	Prof. Y. Nemirovsky		2,1
048711	Electro-optics Laboratory 1	Prof. M. Horowitz	4 Lab	
048712	Electro-optics Laboratory 2	Prof. m. Horowitz		4 Lab
048732	Electromagnetic metasurfaces	Assis. Prof. A. Epstein		2
048746	Bio-Excitable Systems	Prof. S. Marom		2
048747	Laboratory in Biological Systems and Signals	Assoc. Prof. M.Porat	4 Lab	4 Lab
048816	Signal Processing Laboratory	Faculty active in this field	4 Lab	4 Lab
048843	Exploration and Exploitation	Prof. R. Meir		2
048852	Advanced Energy Conversion Laboratory	Assis. Prof. Y. Levron	4 Lab	4 Lab
048860	Work Pictures	Prof.M. Porat		2
048870-1	Developing Topics in Electrical Engineering 1-2	Faculty active in this field	1	1
048874	Parallel Computer Architectures	Prof. R. Ginosar	2	
048877	Hardware and Software Laboratory	Prof. Y. moses	4 Lab	4 Lab
048879	Seminar in Vlsi Architecture	Assis. Prof. S. Kvatinsky		2
048884	Seminar in Parallel Computing Architecture	Prof. R. Ginosar		2
048885	Advance Topics in Computer Engineering	Assis. Prof. S. Kvatinsky/Prof. Y. Etzion/Prof M. Zilberstain		2
048886	Seminar in Computer Systems Engineering	Prof. Y. Etzion	2	

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048903	Advanced Topics in Microelectronics 1	Assis. Prof. L. Kornblum		2
048907	Diffuse Optics Approaches in Biomedical	Assis. Prof. A. Rosenthal		2
048908	Selected Topics in Microelectronics 2	Prof Y. Nemirovsky		2
048922	Vision, Image Structure and Computer Vision Laboratory	Assoc. Prof. M. Porat	4 Lab	4 Lab
048929	Adaptive Signal Processing	Prof. A. Feuer		2
048933	Communication Laboratory	Prof. s. Shamai(shitz)	4 Lab	4 Lab

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048934	Coded Communications	Prof. s. Shamai(shitz)		2
048939	Topics in Signal Processing 3	Prof .I. Cohen	2	
048961	Selected Topics in Computing 1	Assis. Prof. M. Silbershtein	2	
048966	Microelectronics Laboratory	Prof. D. Ritter	4 Lab	4 Lab
048967	Computer Networks Laboratory	Assoc. Prof. I. Keslassy	4 Lab	4 Lab
048969	Nonlinear Signal Processing Using	Assis. R. Talmon	2	
048976	Laboratory in Parallel Systems	Assoc. Prof. I. Birk	4 Lab	4 Lab
048978	Radiation Sources Based on Elect. Beams	Prof L. Secter		2
048979	Advanced Topics in probability and random processes	Prof. R. Atar		2
048990	Seminar 1	Faculty active in this field	3	3
048991	Seminar 2	Faculty active in this field	3	3
049005	Control Topics Laboratory	Prof. N. Shimkin	4 Lab	4 Lab
049006	Electromagnetic Waves Laboratory	Faculty active in this field	4 Lab	4 Lab
049011	Advanced Topics in Computing 2	Prof.I. Keidar	2	
049017	Advanced Topics in Computing 3	Prof. A. Mendelson	2	
049018	Advanced Topics in Computer Systems 3	Assic.Prof. I. Eyal	2	
049026	Knowledge and Games in Distributed Sys.	Prof. Y. Moses		2
049027	Multi-User infprmation Theory	Prof .Y. Steinberg	2	
049030	Topics in Storage	Assoc. Prof. Y. Birk		2
049033	Generalized Sampling Methods	Prof. Y. Eldar	2	
049040	Codes on Graphs and Iterative Decoding	Assoc. Prof. I. Sason	2	
049053	Machine Learning Laboratory	Assoc. Prof. K. Crammer	4 Lab	4 Lab
049054	Physics and Information	prof. N. Merhav		2
049055	NanoPhotonics	Assic.Prof. G. Bartal	2	

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049056	Topics in Computer Vision# Shape Analysis	Prof. A. Tal		2
049058	Machine Learning for Complex Problems	Assoc.Prof. K. Crammer		2