

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	
046021	Queueing Networks	Prof. M. Haviv	2,1	
046041	Biological Neural Networks: Computation	Prof. R. Meir		2,1
046042	INTRODUCTION TO ELECTRIC POWER SYSTEMS and SMART GRIDS	Assis. Prof. Y. Levron		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	
046194	+ Learning and Planing in Dynamic Program	DR. A. Tamar		2,1
046195	+ Machine Learning	Prof. S. Manor/DR D. Sudri	2,1	2,1
046196	Nonlinear Control Systems	Dr. H.Rotshtain		2,1
046197	+ Computational Methods	Assis. Prof. I. Tal		2,1
046200	+ Image Processing and Analysis	Prof. I. Cohen/ Prof. Y. Schechner	2,1	2,1
046201	+ Introduction to Random Signal Processes	prof. N. Merhav	2,1	
046204	+ Analog Communication	Mr. N. Weinberger		2,1
046205	+ Introduction to Coding Theory in Communication	Prof. I. Sason	2,1	
046206	+ Introduction to Digital Communication	Prof. Y. Stainberg / prof. S. Samai	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

Catalog No.	Course	Lecturer	Semester	
			1st	2nd
046235	Integrated Power Management Devices	Prof. D. Ritter		2,1
046237	+ Integrated Circuits	Mr. E. Maayan/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/Dr I. Kaminer	2,1	2,1
046242	Int. to Power Systems , Smart Grids	Assis. Prof. Y. Yaish		
046244	Side Waves	Assoc. Prof. E. Buks		2,1
046249	+ Electro-Optic Systems	Prof. Y. Schechner	2,1	
046250	+ Electro-Optic 2	prof. M. Horowitz		2,1
046256	+ Antennae and Radiation	Dr A. Epstain /Prof. Y.Leviatan	2,1	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	Assoc.Prof. Y. Estion	2,1	
046271	+ Object-Oriented Programming and Design	Mr. Y.Moshe	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
046342	Introduction to Fiber Communication	Prof. G. Eisenstein		2,1
046733	+ Information Theory	Prof S.Samai/Prof. Y. Stainberg	2,1	2,1
046745	+ Digital Signal Processing	Dr. G. Ben David	2,1	
046746	+ Algorithms and Application	Dr Tali Traivits		2,1

Catalog No.	Course	Lecturer	Semester	
			1st	2nd
046773	+ Electroopt Semiconduc Devices-Detectors	Prof. Y. Nemirovsky	2,1	
046831	+ Introduction to Medical Imaging	Assis. Prof. G. Gilboa		2,1
046853	Advanced Architecture	Prof. U. Weiser	2,1	
046864	+ Design of High Speed Digital Systems	Dr. M. Werner		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
047003	Advanced Topics 4	Assoc.Prof. Y. Etzion	1	
047004	Advanced Topics 5	Assis. Prof. S. Kvatinsky	3	
048711	Electro-optics Laboratory 1	Prof. M. Horowitz	4 Lab	
048712	Electro-optics Laboratory 2	Prof. m. Horowitz		4 Lab
048715	Exploration and Exploitation in Artificial and Natural Agents	Dr .D. Sudri	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
048823	Analytical Methods in Wave Theory 1	Assis. Prof .A. Epstein		2
048843	Exploration and Exploitation	Prof. R. Meir		2
048846	Topics in Computer Communication Network	Prof. I. Keslassy		2
048852	Advanced Energy Conversion Laboratory	Assis. Prof. Y. Levron	4 Lab	4 Lab
048860	Work Pictures	Assoc. Prof.M. Porat	2	
048865	Networks, graphs and signal processing	Assis. Prof. R. Talmon		2
048870-1	Developing Topics in Electrical Engineering 1-2	Faculty active in this field	1	1
048876	Topics in Computer Communication Netwo.3	Assis. Prof. U.Rottenstreich		

Catalog No.	Course	Lecturer	Semester	
			1st	2nd
048877	Hardware and Software Laboratory	Prof. Y. mozes	4 Lab	4 Lab
048879	Seminar in Vlsi Architecture	Assis. Prof. S. Kvatinsky		2
048886	Seminar in Computer Systems Engineering	Prof. Y. Etzion	2	
048888	Blockchain and Cryptocurrency protocols	Assis. Prof. I. Eyal	2	
048903	Advanced Topics in Microelectronics 1	Assis. Prof. I. Goycman		2
048907	Diffuse Optics Approaches in Biomedical	Assis. Prof. A. Rosenthal	2	
048908	Selected Topics in Microelectronics 2	Prof.L. Kornblum		2
048921	Visual Systems and Image Structure	Assoc. Prof.A. Levin		
048922	Vision, Image Structure and Computer Vision Laboratory	Assoc. Prof. M. Porat	4 Lab	4 Lab
048929	Adaptive Signal Processing	Prof. A. Feuer		2
048930	Selected Topics in Electrooptics	Dr I. Kaminer	2	
048931	Information Measures and Aplications	Prof. I. Sason		2
048933	Communication Laboratory	Prof. s. Shamai(shitz)	4 Lab	4 Lab
048939	Topics in Signal Processing 3	Prof .I. Cohen	2	
048954	Statistical Methods in Image Processing0	Assis. Prof. T. Micheli		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
048976	Laboratory in Parallel Systems	Assoc. Prof. I. Birk	4 Lab	4 Lab
048984	Noise and synchronization effects in oscillators	Prof. m. Horowitz		2
048987	Dynamics and Control of Modern Power Systems	Assis. Prof. Y. Levron		2
048990	Seminar 1	Faculty active in this field	3	3
048991	Seminar 2	Faculty active in this field	3	3
048996	Waves in Periodic Stuctures	Prof. L. Schachter		2

Catalog No.	Course	Lecturer	Semester	
			1st	2nd
049005	Control Topics Laboratory	Prof. N. Shimkin	4 Lab	4 Lab
049006	Electromagnetic Waves Laboratory	Faculty active in this field	4 Lab	4 Lab
049026	Knowledge and Games in Distributed Sys.	Prof. Y. Moses		2
049027	Multi-User information Theory	Prof .Y. Steinberg		2
049030	Topics in Storage	Assoc. Prof. Y. Birk		2
049043	Universal Data Compression	prof. N. Merhav	2	
049050	Advanced Topics in Computer Graphics	Assoc.Prof. G. Bartal	2	
049053	Machine Learning Laboratory	Assoc. Prof. K. Crammer	4 Lab	4 Lab
049055	NanoPhotonics	Assoc.Prof. G. Bartal	2	
049056	Topics in Computer Vision# Shape Analysis	Prof. A. Tal		2