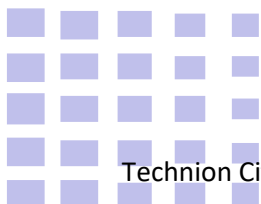


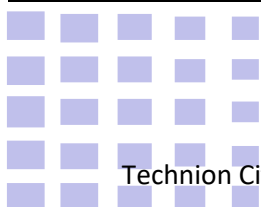
Graduate Studies Course Schedule Winter Semester 2024-2025

Course Name	Course No.	Lecturer	Hours	Room no.
Sunday				
+ Quantum Technologies	460243	Prof. I. Kaminer	9:30-11:30	
+ Renewable Energy Systems	460044	Dr. R. Machlev	9:30-11:30	
+ Planning and Reinforcement Learning	460203	Prof. A. Tamar	10:30-12:30	
+ Structure of Operating Systems	460209	Prof. I. Eyal	11:30-13:30	
+ Computer Networks and Internet 2	460005	Prof. O. Rottenstreich	11:30-13:30	
+ Algo and App. in Computer Vision	460746	Dr. S. Kurman	12:30-14:30	
+ Micro Machining and Micro Electromechan	460968	Prof. Y. Nemirovsky	12:30-14:30	
Information in Storage Devices	490063	Prof. Y. Cassuto	12:30-14:30	
Selected Topics in Robot Learning	480201	Prof. A. Tamar	13:30-15:30	
Machine Learning for Computer Networks	480889	Prof. I. Keslassy	14:30-16:30	
+ Nano-Photonics and Optical Metamaterials	460055	Prof. G. Bartal	14:30-16:30	
Signal Processing in Digital Health	480351	Dr. D. Lange	15:30-17:30	
+ Computer Architecture	460267	Dr. R. Dubkin	16:30-18:30	
Monte-Carlo for Computation Learning	480104	Prof. N. Shimkin	16:30-18:30	
Network Coding for Advanced Information	480250	Prof. A. Cohen	16:30-18:30	
Monday				
+ Integrated Circuits-Introduction to Vlsi	460237	Prof. A. Cohen	8:30-10:30	
+ Computational Methods in Optimization	460197	Prof. K. Levy	8:30-10:30	

+ High-Speed Communication Channels	460864	Mr. E. Gerson Mr. E. Einy	9:30-11:30	
Geometric Data Processing and Analysis	480004	Prof. R. Talmon	9:30-11:30	
Energy Dissipation in Electronic Devices	480051	Prof. E. Yalon	10:30-12:30	
+ Computer Networks for Learning Systems	460007	Mr. G. Bloch	10:30-12:30	
+ Deep Learning	460217	Prof. Y. Keshet	10:30-12:30	
+ Introduction to Digital Communication	460206	Prof. I. Tal	12:30-14:30	
+ Object-Oriented Programming and Design	460271	Mr. Y. Moshe	12:30-14:30	
Reliability in Modern Machine Learning	480100	Prof. Y. Romano	12:30-14:30	
+ Introduction to Medical Imaging	460831	Prof. G. Gilboa	14:30-16:30	
+ Deep Learning and Groups	460215	Prof. H. Maron	14:30-16:30	
+ Machine Learning	460195	Prof. N. Weinberger	14:30-16:30	
+ Foundations of Stochastic Processes	460868	Prof. R. Atar	15:30-17:30	
+ Visual and Auditory Systems	460332	Dr. R. Kaftory	16:30-18:30	
+ Mixed Signal Electronic Circuits	460188	Mr. C. Jakobson	16:30-18:30	
Seminar in Computer Systems Engineering	480886	Prof. Y. Etsion	16:30-18:30	
Tuesday				
+ Design of Power Electronics Circuits	460045	Dr. N. Tal	8:30-10:30	
+ Image Processing and Analysis	460200	Prof. Y. Schechner	9:30-11:30	
Advanced Topics in VLSI 2 Subject: <u>Advanced Analog/Mixed-Signal Circuit Design</u>	490037	Prof. N. Wainstein	9:30-11:30	
Statistical Methods in Image Processing	480954	Prof. T. Michaeli	9:30-11:30	
Information Measures and Applications	480931	Prof. I. Sason	10:30-12:30	



Advanced topics in deep learning for medical imaging	480350	Prof. E. Shimron	11:30-13:30	
+ Mobile Robots	460213	Prof. K Solovey	11:30-13:30	
+ Deep Learning	460217	Prof. D. Soudry	12:30-14:30	
Topics in Computer Vision - Shape Analysis	490056	Prof. A. Tal	13:30-15:30	
+ Microwaves	460216	Prof. A. Epstein	13:30-15:30	
Optical Propagation in Scattering Media	480907	Prof. A. Rosenthal	13:30-15:30	
+ Control Systems 2	460192	Prof. N. Shimkin	14:30-16:30	
Advanced Topics in Robotics: Autonomous Driving and Racing	480202	Prof. K Solovey	14:30-16:30	
+ Information Theory	460733	Prof. N. Merhav	14:30-16:30	
+ Logic Design Automation of VLSI Systems	460918	Dr. K. Moiseev	16:30-18:30	
Wednesday				
+ Introduction to Departmental Research	460887	Prof. Y. Birk	8:30-9:30	
+ RF CMOS Integrated Circuits	460903	Prof. E. Cohen	9:30-11:30	
+ Machine Learning	460195	Prof. H. Maron	9:30-11:30	
+ Modern Quantum Computing	460054	Dr. O. Reinhardt	9:30-11:30	
+ Introduction to Coding Theory	460205	Prof. I. Sason	9:30-11:30	
+ Physical Principles of Semi Conductor	460225	Prof. E. Yalon	9:30-11:30	
+ Electro-Optic Systems	460249	Prof. A. Rosenthal	9:30-11:30	
+ High Performance Parallel Computing	460279	Dr. Y. Aridor	15:30-17:30	
Power System Dynamics	480989	Prof. Y. Levron	16:30-18:30	
Thursday				
Superconducting Quantum Devices	460240	Prof. E. Buks	9:30-11:30	
+ Dinamic Binary Translation Optimization	460275	Dr. G. Haber	9:30-11:30	



+ Modern Communication Techniques	460208	Prof. N. Weinberger	9:30-11:30	
+ Design and Analysis of Algorithms	460002	Prof. K Solovey	12:30-14:30	
The Quantum Shannon Capacity	480251	Prof. U. Pereg	14:30-16:30	
Advanced topics in probability and stochastic processes	480300	Prof. R. Atar	14:30-16:30	

Those who are interested in the following laboratories, please contact the following Professors

0480712	Electro-optics Laboratory 2	Prof. M. Horowitz
0480966	Microelectronics Laboratory	Prof. E. Yalon
0480836	The HFIC Lab	Prof. E. Cohen
0480877	Hardware and Software Laboratory	Prof. Y. Etsion
0480967	Computer Networks Laboratory	Prof. I. Keslassy
0480976	Laboratory in Parallel Systems	Prof. Y. Cassuto
0480933	Communications Laboratory	Prof. S. Shamai Shitz
0480816	Signal Processing Laboratory	Prof. I. Cohen
0480747	Biological Signals & Systems Laboratory	Prof. G. Gilboa
0480922	Vision Image Structure and Computer Vision Lab	Prof. G. Gilboa
0490005	Control Topics Laboratory	Prof. K. Levy
0490006	Electromagnetic Waves Laboratory	Prof. A. Epstein
0490053	Machine Learning Laboratory	Prof. D. Soudry
0480852	Advanced Energy Conversion Laboratory	Prof. Y. Levron

+ Undergraduate and Graduate Courses

* For your attention, there may be changes in the program which will be updated on the faculty website.

