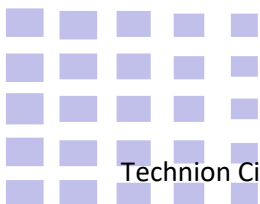
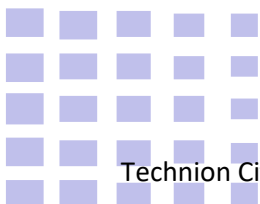


Graduate Studies Course Schedule Winter Semester 2025-2026

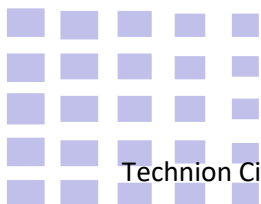
Course Name	Course No.	Lecturer	Hours	Room no.
Sunday				
+Logic Design Automation of Vlsi Systems	460880	Mr. M. Dahan	09:30-11:30	
+ Silicon Photonics	460251	Prof. A. Zadok	09:30-11:30	
+Introduction to Robotics	460212	Prof. A. Tamar	10:30-12:30	
Reliability in Modern Mechine Learning	480100	Prof. Y. Romano	12:30-14:30	
+ Electrooptical Semiconductor Detecting Devices	460773	Prof. Y. Nemirovsky	12:30-14:30	
+ Hardware Formal Verification	460881	Dr. Ziad Hana	12:30-14:30	
+ Computer Networks and Internet 2	460005	Prof. O. Rottenstreich	13:30-15:30	
+ Advanced Circuits and Architectures with Memristors	460265	Prof. S. Kvatinsky	14:30-16:30	
Advanced topics in control: Power Markets	480204	Prof. S. Manor	14:30-16:30	
Three Dimensional Imaging and Construction	490062	Prof. Y. Schechner	14:30-16:30	
Multi-User Information Theory	490027	Prof. Y. Steinberg	14:30-16:30	
+ Formal Languages and Compilation	460266	Dr. E. Zax	16:30-18:30	
+ Analog Filters Design	460189	Dr. A. Dyskin	16:30-18:30	
Hardware Security-from Theory to Practice	480891	Prof. A. Mendelson	16:30-18:30	
Array Signal Processing and Analysis	480828	Prof. I. Cohen	16:30-18:30	
+Introduction To Particle Accelerators	460257	Dr. T. Shacham	16:30-18:30	



Advanced Topics in Computer Communication Networks L	2360634	Prof. O. Rottenstreich	16:30-18:30	
Monday				
+ Integrated Circuits- Introduction to VLSI	460237	Prof. A. Cohen	08:30-10:30	
Advanced Optimization Methods for ML	480106	Prof. K. Levy	09:30-11:30	
+ Quantum Mechanics	460241	Prof. E. Buks	09:30-11:30	
+ Image Processing and Analysis	460200	Prof. I. Cohen	10:30-12:30	
Blockchain and Cryptocurrency Protocols	480888	Prof. I. Eyal	10:30-12:30	
Codes on Graphs and Iterative Decoding Algorithms	490040	Prof. I. Sason	10:30-12:30	
+ Int. to Flexible Organic Electronics	460012	Prof. N. Tessler	12:30-14:30	
+ Deep Learning for Speech Signals	460747	Prof. J. Keshet	12:30-14:30	
+Computational Methods in Optimization	460197	Prof. K. Levy	12:30-14:30	
Universal Data Compression	490043	Prof. N. Merhav	13:30-15:30	
+ Quantum Information Theory	460734	Prof. U. Pereg	15:30-17:30	
+ Digital Signal Processing	460745	Prof. G. Gilboa	15:30-17:30	
+ Topics in Nano-Electronics	460232	Prof. Y. Yaish	15:30-17:30	
+ Topics in Fiber Based Ultrafast Sources	470100	Prof. P. Sidorenko	15:30-17:30	
+ Computer Architecture	460267	Prof. Y. Etsion	16:30-18:30	
Selected topics in deep learning on graphs	480102	Prof. H. Maron	16:30-18:30	
Tuesday				
+ Visual and Auditory Systems	460332	Prof. Y. Schechner	08:30-10:30	
Oxide Physics and Devices	480812	Prof. L. Kornblum	09:30-11:30	
Topics in Image and Video Compression	480006	Mr. D. Porat	09:30-11:30	



+ Statistical Inference	460010	Prof. N. Weinberger	09:30-11:30	
+ Int. to Power Systems Smart Grids	460042	Prof. Y. Levron	09:30-12:30	
+Design and Analysis of Algorithms	460002	Prof. D. Drachsler Cohen	10:30-12:30	
+ Deep Learning	460217	Prof. D. Soudry	10:30-12:30	
+ Photonics and Lasers	460248	Prof. M. Horowitz	10:30-12:30	
+ Data Analysis	460202	Prof. N. Weinberger	12:30-14:30	
+ Principles and Tools for Computer Security	460280	Prof. I. Eyal	12:30-14:30	
+ Structure of Operating Systems	460209	Prof. M. Silberstein	12:30-14:30	
+ Antennas and Radiation	460256	Prof. A. Epstein	13:30-15:30	
Optical Fibers Scattering and Sensing	480400	Prof. A. Zadok	13:30-15:30	
Seminar in Correctness Guarantees for Deep Learning	480890	Prof. D. Drachsler Cohen	13:30-15:30	
Variational Methods in Image Processing	490064	Prof. G. Gilboa	14:30-16:30	
+ Information Theory	460733	Prof. Y. Steinberg	14:30-16:30	
+ Physical Principles of Semi Conductor	460225	Prof. Y. Yaish	15:30-17:30	
Transformers and Language Models	480011	Prof. J. Keshet	15:30-17:30	
Wednesday				
+ Quantum Optoelectronics	460052	Prof. E. Buks	09:30-11:30	
+ Analog Circuit Design	460187	Dr. R. El Bahar	09:30-11:30	
Topics in Computer Vision: Shape Analysis	490056	Prof. A. Tal	10:30-12:30	
Design Management Noncooperative Communication Networks	480980	Prof. A. Orda	16:30-18:30	



Thursday				
+ Machine Learning	460195	Prof. K. Levy	09:30-11:30	
Topics in Electro-optics: Optical Amplifiers	480401	Prof. G. Eisenstein	09:30-11:30	
+ Int.to Biological Signals & Systems	460326	Prof. D. Soudry	10:30-12:30	
+ Random Signal Processes	460201	Prof. T. Michaeli	11:30-13:30	

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

0480712	Electrooptics Laboratory 2	Prof. M. Horowitz
0480966	Microelectronics Laboratory	Prof. L. Kornblum
0480836	The HFIC Lab	Prof. E. Cohen
0480877	Hardware and Software Laboratory	Prof. D. Drachsler Cohen
0480967	Computer Networks Laboratory	Prof. I. Keslassy
0480976	Laboratory in Parallel Systems	Prof. Y. Cassuto
0480933	Communications Laboratory	Prof. A. Cohen
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. N. Shimkin
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.

