



Technion-Israel Institute of Technology
Electrical Engineering Department
Microelectronic and nanoelectronics centers
Haifa 32000
Israel

טכניון-מכון טכנולוגי לישראל
הפקולטה להנדסת חשמל
המרכזים למיקרואלקטרוניקה ולננואלקטרוניקה
חיפה 32000
ישראל

Prof. Nir Tessler
The Barbara and Norman Seiden Chair

פרופ' ניר טסלר
הקתדרה על שם ברברה ונורמן סידן



Organic Materials and Devices Laboratory

To fully master the activities in the lab you need to have background in Engineering (EE), physics, chemistry, and hopefully some basics in biology.

The recommended courses are:

- 044130 Signal and System (VERY important for the understanding of “engineering”)
- 044127 Semiconductor devices (or equivalent)
- 044339 Electro-Optic 1 (or equivalent)
- 044129 Introduction to Solid State Physics (or equivalent)
- 124408 Quantum Mechanics and its applications in chemistry (or equivalent)
- 125801 Organic Chemistry (or equivalent)
- 134058 Biology 1 or Topics in modern biology
- 046012 Introduction to Organic Devices and Materials [**Nano Materials – New Challenges**]
- 046239 Nano Electronics Laboratory [**where you will take home color LEDs you made and try to light them with the solar cell you fabricated**]

Technion-Israel Institute of Technology
Electrical Engineering Department
Haifa 32000, Israel
Tel
E-mail

+972-4-8294719
nir@ee.technion.ac.il

טכניון-מכון טכנולוגי לישראל
הפקולטה להנדסת חשמל
חיפה 32000, ישראל
טלפון
דואר אלקטרוני