

**MIDDLE EAST TECHNICAL UNIVERSITY**  
**Graduate School of Natural and Applied Sciences**  
**Micro and Nanotechnology Program**

**MNT 501 NANOSCIENCE AND ENGINEERING PRINCIPLES**  
**(3-0) 3 credits**

**Tuesday (15:40 – 17:30)** – Central Laboratory, Seminar Room  
**Wednesday (15:40-17:30)** – Central Laboratory, Seminar Room  
**Assistant of the course:** Ramona Davoudnezhad

<i>3 October</i>	Week 1	First meeting is on 3 October! (Dr. Burcu Akata Kurç)
<i>4 October 11 October 18 October</i>	Week 1-2-3	Welcome notes and Properties of Nanostructured Materials (Dr. Bilge İmer) *Dr. İmer's classes will be held <b>only on WEDNESDAYS</b> , starting at <b>14:40</b> .
<i>24-25 October 31-1 November 7-8 November</i>	Week 4-5-6	Synthesis of Nanomaterials (Dr. Burcu Akata Kurc)
<b>14 November</b>	Weeks 7	<b>MIDTERM and due date for students to decide on a term paper</b>
<i>21-22 November 28-29 November 5-6 December</i>	Weeks 8-9-10	Nano and microfabrication techniques (Assist. Prof. Kivanc Azgin)
<i>12-13 December 19-20 December</i>	Weeks 11-12	Introduction to the concept of nanoscience, nanomedicine, and nanobiotechnology (Prof. Dr. Nesrin Hasircı)
<i>26-27 December 2-3 January</i>	Weeks 13-14	Nanophotonics (Assist. Prof. Emre Yuçe)
<b>9 January TUESDAY</b>		<b>Midterm-2 and term paper due date!</b>