

Physics 483:

Special Topics in Condensed Matter Physics – Spring Semester 2010

- Instructors:** Julia Medvedeva, office: 114 Physics, phone: 4789, email: juliaem@mst.edu
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- Home page:** http://www.mst.edu/~vojtat/class_483/class_483.html
- Class time:** 1:00 to 1:50pm MWF, Room: 127 Physics Building
- Prerequisites:** Solid State Physics (Physics 481)
- Topics:**
1. Electronic structure of matter (Medvedeva, Jan 11 to Feb 05)
 2. Mesoscopic physics (Yamilov, Feb 08 to Mar 03)
 3. Hopping transport (Parris, Mar 05 to Apr 09)
 4. Superconductivity (Vojta, Apr 12 to May 5)
- Points:** 250 points can be earned in each part of the course for a total of 1000 points. Each instructor will specify the sources of points in his or her course part at beginning of this part. There will be NO final exam.
- Grade:** Course grade will be based on the total number of points earned on the homework, test and exam, expressed as a percentage of the total number of points available (1000). The relation between performance and grade will be the standard one: $A \geq 90\% > B \geq 80\% > C \geq 70\%$. The boundaries between the grades may be revised downwards (i.e., to the students benefit) depending upon the judgement of the instructor, but will not be revised upwards.
- Disability support service:** If you have a documented disability and will need accommodations in this course, we strongly encourage you to meet with us early in the semester. You will need to request that the Disability Services staff (dss@mst.edu) send us a letter verifying your disability and specifying the accommodation you will need before we can arrange it.
- Academic Dishonesty:** You should behave as responsible scholars and scientists. Academic dishonesty such as plagiarism and cheating is unethical and unacceptable and will be dealt with accordingly. For more detail see page 30 of Student Academic Regulations 2008-2010 available at <http://registrar.mst.edu/academicregs/index.html>
- Complaints:** should be directed to Dr. Waddill (102 Physics, waddill@mst.edu)