

- : Adam C. Whalley
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- : For *quick* questions, just drop by. Other times are *by appointment only*.
- : 8:30 am – 9:45 am TR, Votey 223
- : Classes will not be held on: November 19 – 23

: There are no required or recommended texts for the course. All course material is derived from the primary literature (i.e., peer reviewed journal articles). Students should expect to read a number of journal articles in preparation for each lecture and class time will be focused on a discussion of these assigned readings. Participation in this discussion is expected.

Course Description: As outlined below, the cender tre 26 616 816 61 916 246 72 92 76 126 74 146 248 126 616 206 20

- 3.2.2 Triphenylamine derivatives
- 3.2.3 Oligothiophenes
- 3.2.4 Linear D-A Oligothiophenes
- 3.2.5 Organic Molecule Acceptors
- 3.3 Brief discussion of photovoltaic polymers

4.

- 4.1 Introduction to OLEDs
 - 4.1.1 Anode and hole injection materials
 - 4.1.2 Cathode and electron injection materials
 - 4.1.3 Hole and electron transport materials
 - 4.1.4 p- and n-type doping materials
- 4.2 Fluorescent and Phosphorescent Materials
 - 4.2.1 Red materials
 - 4.2.2 Green materials
 - 4.2.3 Blue materials

- : Cheating or plagiarism will be considered grounds for failing the course (a numerical score of zero). All graded assignments must be your own work. Cases of cheating or plagiarism will lead to further disciplinary action, which may include dismissal from the University according to the rules set forth in the University of Vermont's *Code of Academic Integrity*:
<http://www.uvm.edu/policies/student/acadintegrity.pdf>

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