**Opto 321 (BINOCULAR VISION)**

**Syllabus**

Week 1:

Introduction of Binocular Vision (BV)

Week 2:

How is BV ACHIEVED?

Week 3:

Binocular Fusion

Week 4:

Fixation Disparity

Week 5:

Mid 1 exam

Week 6:

Accommodation and AC/A ratio

Week 7:

Convergence

Week 8:

Binocular perception

Week 9:

Ocular Dominance and Stereopsis

Week 10:

Mid 2 exam

Week 11:

Heterophoria

Week 12:

Disorders of accommodation and vergence

Week 13:

Aniseikonia

Week 14:

Revision

**Recommended text books:**

1. Clinical Management of Binocular Vision: Heterophoric, Accommodative, and Eye

 Movement Disorders *by* [*Mitchell Scheiman*](http://www.amazon.com/Mitchell-Scheiman/e/B001HO9P5O/ref%3Dsr_ntt_srch_lnk_1?_encoding=UTF8&qid=1259156069&sr=1-1) *and Bruce Wick*

2. Clinical Procedures in Optometry - John F. Amos, Jimmy D. Bartlett

**Marks are divided as:**

25+ 25 marks for 1st and 2nd mid terms

10 marks for assignment.

40 marks for final exam.