VISUAL NEUROSCIENCE (3J03): COURSE OUTLINE

The course intends to explore a few aspects of what we know about the eye; and through the window of an eye, the brain mechanisms of neural plasticity and consciousness. Keeping in view that the students taking the course have a basic understanding of visual processes from their 2nd year, the mode of delivery of this course will be based on recently published journal articles.

PLEASE NOTE: There is no TEXT BOOK for the course. Approximately 30% of the material is based on published journal articles. The relevant pages from each journal article will be posted prior to each lecture. The remaining material will be based on what is covered in class.

EXAMINATIONS
1. All the examinations will be based on multiple choice questions (MCQ)

2. There will be
   a) Three tests each at 20% of the final grade. Each test will be non cumulative. They will be held on the following dates:
      Test 1: 25th Jan (lectures 1 – 3)
      Test 2: 15th Feb (lectures 4 – 6)
      Test 3: 15th March (lectures 7 – 9)
   b) FINAL EXAMINATION worth 40% of the final grade. The exam will be cumulative and will have equal emphasis on all the lectures.

3. There will be no makeup tests. However, if you have a valid reason and a note from the Dean's office for missing a test, your final exam will be counted for 60% of your final grade.

4. Office hours: There are no specific "Office hours". My TA or I may be approached during the week after an appointment through our emails given below:
   a) Instructor: Gautam Ullal: ullalg@mcmaster.ca
   b) Teaching assistants:
      TBA
Grades:
Finally, all the points will be consolidated, and Grades assigned according to the following conventional scheme:
90-100 A+
85-89 A
80-84 A-
77-79 B+
73-76 B
70-72 B-
67-69 C+
63-66 C
60-62 C-
57-59 D+
53-56 D
50-52 D-
0-49 F
Based on individual’s overall performance and special circumstances, the instructor reserves the right to scale the final marks up or down.

Message from the Chair of Psychology
The instructor cannot be responsible for returning long distance calls from students. Any student wishing to reach an instructor is invited to e-mail the instructor.

Policy Reminder
Attention is drawn to the Statement on Academic Ethics and the Senate Resolutions on Academic Dishonesty as found in the Senate Policy Statements distributed at registration and available in the Senate Office. Any student who infringes one of these resolutions will be treated according to the published policy.
**TIMETABLE**

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<table>
<thead>
<tr>
<th>DAY</th>
<th>DATE</th>
<th>TOPIC</th>
<th>JOURNAL ARTICLE</th>
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</thead>
<tbody>
<tr>
<td>4</td>
<td>Jan 25&lt;sup&gt;th&lt;/sup&gt; 06</td>
<td>Test 1 Intraocular Implants</td>
<td>Lane, SS <em>et al.</em>. A Prospective Multi center Clinical Trial to Evaluate the Safety and Effectiveness of the Implantable Miniature Telescope. <em>Am. J. Ophthamol.</em>, 137, 993-1001, 2004.</td>
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<tr>
<td>12</td>
<td>Mar 29&lt;sup&gt;th&lt;/sup&gt; 06</td>
<td>Collage of themes on vision</td>
<td>To be announced later</td>
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