<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
<th>Reading Material</th>
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<tbody>
<tr>
<td>Fri April 22</td>
<td>Reaction time</td>
<td>Schmidt/Lee Chapter 3, pp 57-85</td>
</tr>
<tr>
<td>Mon April 25</td>
<td><strong>DUE: PREPAPER</strong> Mental influences on action</td>
<td>Schmidt/Lee Chapter 4</td>
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<tr>
<td>Wed April 27</td>
<td>Mental influences on action</td>
<td>Wulf et al. Article</td>
</tr>
<tr>
<td>Fri April 29</td>
<td><strong>DUE: ARTICLE ANALYSIS 2</strong> Expertise and domain specific knowledge</td>
<td>Smeeton et al. Article</td>
</tr>
<tr>
<td>Mon May 2</td>
<td>Hints on Writing the Review Paper Proprioception</td>
<td>Schmidt/Lee Chapter 5, pp 135-158</td>
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<tr>
<td>Wed May 4</td>
<td>Proprioception Spatial frames of references</td>
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<td>Fri May 6</td>
<td><strong>DUE: Draft paper for PEER REVIEW 1</strong> Visual dominance</td>
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<tr>
<td>Mon May 9</td>
<td><strong>PEER REVIEW 1</strong> (review in class) Motor sequences</td>
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<tr>
<td>Wed May 11</td>
<td>Motor sequences</td>
<td>Japikse et al. Article</td>
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<td>Fri May 13</td>
<td>Motor sequences Practice Test and Review for Test 2</td>
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<tr>
<td>Mon May 16</td>
<td><strong>TEST 2</strong></td>
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Textbook: Chapters 3, 4, and 5

Required research articles:

OUTLINE: UNIT 2 PERCEPTION, MEMORY, ATTENTION, AND ACTION

Bring this Handout to class during Unit 2

I. Reaction time
   A. Reaction time and movement time
   B. Problems performing two AFAP tasks together (psychological refractory period research)

II. Mental influences on action
   A. Internal versus external focus of attention during motor-skill learning
   B. Explicit focus on implicit learning
   C. Influence of negative (suppressive) motor imagery

III. Expertise and domain specific knowledge
   A. Overview
   B. Research on chess (experts versus novices)
   C. Research on motor activities and sport (experts versus novices)
   D. Attempts to teach domain-specific information
   E. Summary and application

IV. Proprioception (kinesthetic perception)
   A. Overview
   B. Kinesthetic receptors and their roles in perception
      1. Cutaneous receptors
      2. Articular receptors
      3. Tendon organs
      4. Muscle spindles
   C. Kinesthetic illusions

V. Spatial frames of reference
   A. Position in space (External) versus finger-related responses (Internal)
   B. Environmental space (External) versus body space (Internal)
   C. Is stimulus location linked to response location (external) or effector (internal)?
   D. Summary and applications

VI. Visual dominance over kinesthetic information
   A. Evidence for visual dominance
      1. Conflict studies
      2. Reaction time studies
      3. Visual capture of touch
   B. Possible reasons visual dominance occurs
   C. Overcoming visual dominance
   D. Summary and applications

VII. Motor sequences
   A. Overview
   B. Nissen RT Sequence Learning Task
   C. Is sequence learning specific to the way the response is produced?
   D. Possible negative effects of instructions (Explicit focus on implicit learning)