## **Cognitive Science 311: Modularity**

Spring Semester, 2005 Monday, 3:10 to 6:10 p.m., Blodget 109

Professors: G. Broude (e-mail: broude) J. Long (e-mail: jolong)

## **Bare-bones Syllabus**

Date	Topics (Presentations & Chapters)	Presenters	<b>Editors</b>	
24 Jan	Preview	Gwen & John	everyone	
31 Jan	<ol> <li>Fodorian modules (M)</li> <li>Other modules</li> </ol>	Huffman Schumacher	Tiwathia Overgaard	
7 Feb	<ol> <li>Theoretical arguments against M</li> <li>Evolutionary psych arguments for M</li> </ol>	Wasowski Libov	Hecht Gonsiorowski	
14 Feb	Theoretical arguments for M from robotics	Overgaard Tasher	Huffman Schumacher	
21 Feb	<ol> <li>Psychological &amp; developmental evidence for M</li> <li>Psychological &amp; developmental evidence against M</li> </ol>	Marson Tortell	Blakeley Douthat	
28 Feb	<ol> <li>Neuropsychological &amp; connectionist evidence for M</li> <li>Workshop chapter outline and literature</li> </ol>	Blakeley	Chen	
Spring Break				
21 Mar	<ol> <li>Methodologic &amp; connectionist arguments against M</li> <li>Is M hypothesis based on faulty methodology?</li> </ol>	Glick Douthat	Tortell Tasher	
28 Mar	<ol> <li>Cross-cultural evidence for and against M</li> <li>Phylogenetic evidence for and against M</li> </ol>	Chen Tiwathia	Libov Marson	
4 Apr	<ol> <li>Brain architectural evidence for and against M</li> <li>Brain representations evidence for and against M</li> </ol>	Abrams Hecht	Glick Abrams	
11 April	Brain developmental evidence for and against M	Gonsiorowski	Tiwathia	
18 April	How do the current facts about brain architecture, function and development speak to M?			
25 April	Even if there are no M, is the idea of modularity still useful?			
2 May	What shall we make of modularity theory?			

## **Assignments**

Presentations	% of grade
1. Chapter topic	10
2. Commentary (as editor)	5
Papers	
1. Weekly commentaries (eight @ 3%)	24
2. Draft of chapter (outline, bibliography)	5
3. Chapter	31
4. Final summary & commentary	5
Editing	
1. Your writer's draft	5
2. Your writer's chapter	10
Participation & attendence	5

## Rules of the Road

Attendence is mandatory. All absences must be approved by your Class Advisor in the Dean of Studies office.

Written weekly commentaries will not be accepted after 3:10 p.m. on the day that they are due. Other written assignments are penalized 2% for every day late, including weekends.

Grades will be rendered in either numeric (scale: 0 to 100) or alphabetic (scale: F to A) form. To convert between scales, please note the following example, which holds in general for all other cases:  $B_{-} = 83.3$ ,  $B_{-} = 85.0$ ,  $B_{+} = 86.7$ , with bin ranges from 80.0 to 83.33, 83.34 to 86.66, and 86.67 to 89.99, respectively.

Academic accommodations are available for students with disabilities who are registered with the Office of Disability and Support Services. Please schedule an appointment with the instructor early in the semester to discuss any accommodations for this course which have been approved by the Director of Disability and Support Services as indicated in your DSS accommodation letter.