

**DOCUMENT N: COURSE AND PROGRAM DEVELOPMENT COVER SHEET**

See Course and Program Development Policy and Procedures for Instructions

<b>SCHOOL:</b> LAW <input type="checkbox"/> MSB <input type="checkbox"/> YGCLA <input checked="" type="checkbox"/>	<b>Contact Name:</b> Dr. John Bates	<b>Phone:</b> 410-837-6560
<b>DEPARTMENT / DIVISION:</b> Applied Behavioral Sciences		
<b>SHORT DESCRIPTION OF PROPOSAL</b> (state name of action item 1-20 and course name, code & number / program affected):		
6, 7: Change prerequisites for PSYC 345 Cognitive Psychology to be consistent with numbering system within new 4-year PSYC BA program; shorten and up-date course description		
<b>PROPOSED SEMESTER OF IMPLEMENTATION:</b> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Year: 2007		

<b>Box 1: TYPE OF ACTION</b>	ADD(NEW) <input type="checkbox"/>	DEACTIVATE <input type="checkbox"/>	MODIFY <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
<b>Box 2: LEVEL OF ACTION</b>	Non-Credit <input type="checkbox"/>	Undergraduate <input checked="" type="checkbox"/>	Graduate <input type="checkbox"/>	OTHER <input type="checkbox"/>

Box 3: ACTION ITEM (check appropriate boxes)	DOCUMENTS REQUIRED (see box 4 below)	IMPACT REVIEWS (see box 5 on back)	APPROVAL SEQUENCE (see box 6 on back)
1. Experimental Course <sup>1</sup>	NOP	a, c, e	AC
2. Course Title	NO		ABCD
3. Course Credits	NO		ABCD
4. Course Number	NO		ABCD
5. Course Level	NO		ABCD
<input checked="" type="checkbox"/> 6. Pre & Co-Requisite	NO		ABCD
<input checked="" type="checkbox"/> 7. Course Description	NOP		ABCD
8. New Course	NOP		ABCDEF
9. Deactivate a Course	NO		ABCDEF
10. Program Requirements	NO	b, c, d, e	ABCDEF
11a. UG Specialization (24 credits or less)	NO	a, b, c, d, e	ABCDEF
11b. Masters Specialization (12 credits or less)	NO	a, b, c, d, e	ABCDEF
11c. Doctoral Specialization (18 credits or less)	NO	a, b, e	ABCDEF
12. Closed Site Program	NOT	e	ABCDHIK
13. Program Suspension <sup>9</sup>	NO,5	a, e	ABCDEGIK
14a. Certificate Program (ug/g) exclusively within existing degree program	NO	a, c, e	ABCDEFHIK
14b. Certificate Program (ug/g) where degree programs do not exist or where courses are selected across degree programs (12 or more credits)	NOQR, 6	a, c, e	ABCDEFHJL
15. Off-Campus Delivery of Existing Program	NO, 4	a, b, c, e	ABCDEFHIL
16a. UG Concentration (exceeds 24 credit hours)	NO, 5	a, c, d, e	ABCDEFHJL
16b. Masters Concentration (exceeds 12 credit hours)	NO, 5	a, c, d, e	ABCDEFHJL
16c. Doctoral Concentration (exceeds 18 credit hours)	NO, 5	a, c, d, e	ABCDEFHJL
17. Program Title Change	NO, 5	a, c, d, e	ABCDEFHJL
18. Program Termination	NO, 10	d, e	ABCDEFHJK
19. New Degree Program	NOQR, 3,8	a, c, d, e	ABCDEFHJL
20. Other	Varies	Varies	Varies

<b>Box 4: DOCUMENTATION (check boxes of documents included)</b>			
<input checked="" type="checkbox"/> N. This Cover Sheet	<input type="checkbox"/> Q. Full 5-page MHEC Proposal	<input type="checkbox"/> T. Other	
<input checked="" type="checkbox"/> O. Summary Proposal	<input type="checkbox"/> R. Financial Tables (MHEC)		
<input checked="" type="checkbox"/> P. Course Definition Document	<input type="checkbox"/> S. Contract		


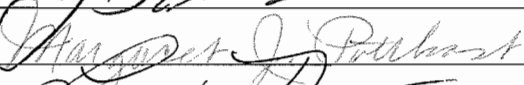
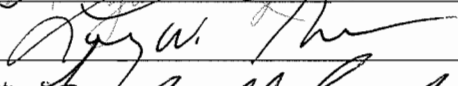
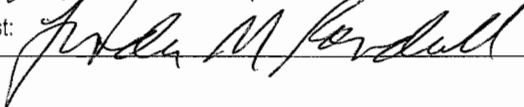
- Approval of experimental course automatically lapses after two offerings unless permanently approved as a new course.
- Codes: a) Library Services (Langsdale or Law) b) Office of Technology Services c) University Relations d) Admissions
- Letter of Intent is required by USM at least 30 days before a full proposal can be submitted. Letter of Intent requires only the approval of the dean and the provost and is forwarded to USM by the Office of the Provost.
- One-page letter to include: Program title & degree/certificate to be awarded; resources requirements; need and demand; similar programs; method of instruction; and oversight and student services (MHEC requirement)
- One-page letter with description and rationale (MHEC requirement)
- One or two-page document that describes: centrality to mission; market demand; curriculum design; adequacy of faculty resources; and assurance program will be supported with existing resources. (MHEC requirement)
- Learning objectives, assessment strategies; fit with UB strategic plan
- Joint Degree Program or Primary Degree Programs require submission of MOU w/ program proposal. (MHEC requirement)
- Temporary suspension of program to examine future direction; time not to exceed two years. No new students admitted during suspension, but currently enrolled students must be given opportunity to satisfy degree requirements.

**DOCUMENT N: COURSE AND PROGRAM DEVELOPMENT COVER SHEET (Page 2 of 2)**

<b>SCHOOL:</b> LAW <input type="checkbox"/> MSB <input type="checkbox"/> YGCLA X
<b>SHORT DESCRIPTION OF PROPOSAL</b> (state name of action item 1-20 and course name, code & number / program affected):
<b>6, 7: Change prerequisites for PSYC 345 Cognitive Psychology to be consistent with numbering system within new 4-year PSYC BA program; shorten and up-date course description</b>

10. Provide:
- evidence that the action is consistent with UB mission and can be implemented within the existing program resources of the institution.
  - proposed date after which no new students will be admitted into the program;
  - accommodation of currently enrolled students in the realization of their degree objectives;
  - treatment of all tenured and non-tenured faculty and other staff in the affected program;
  - reallocation of funds from the budget of the affected program; and
  - existence at other state public institutions of programs to which to redirect students who might have enrolled in the program proposed for abolition.
11. University Council *review* (for a recommendation to the President or back to the Provost) shall be limited to curricular or academic policy issues that may potentially affect the University's mission and strategic planning, or have a significant impact on the generation or allocation of its financial resources.

<b>Box 5: IMPACT REVIEW</b>	<b>SIGNATURES</b> (see procedures for authorized signers)	<b>DATE</b>
a. Library <input type="checkbox"/> No impact <input type="checkbox"/> Impact statement attached	Director or designee:	
b. OTS <input type="checkbox"/> No impact <input type="checkbox"/> Impact statement attached	CIO or designee:	
c. University Relations <input type="checkbox"/> No impact <input type="checkbox"/> Impact statement attached	Director or designee:	
d. Admissions <input type="checkbox"/> No impact <input type="checkbox"/> Impact statement attached	Director or designee:	
e. Records <input type="checkbox"/> No impact <input type="checkbox"/> Impact statement attached	Registrar or designee:	

<b>Box 6: APPROVAL SEQUENCE</b>	<b>APPROVAL SIGNATURES</b>	<b>DATE</b>
A. Department / Division	Chair: 	1-22-07
B. Final faculty review body within each School	Chair: 	2-15-07
C. College Dean	Dean: 	2/15/07
D. Provost and Senior Vice President for Academic Affairs	Provost: 	2/28/07
E. Curriculum Review Committee (UFS subcommittee)	Chair:	
F. University Faculty Senate (UFS option)	Chair:	
G. University Council (see # 11 above)	Chair:	
H. President	President:	
I. Board of Regents – notification only		
J. Board of Regents – approval		
K. MHEC – notification only		
L. MHEC – approval		
M. Middle States Association notification	Required only if the mission of the University is changed by the action	

**DOCUMENT O: SUMMARY PROPOSAL**

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<b>DEPARTMENT / DIVISION:</b> Division of Applied Behavioral Sciences		
<b>SHORT DESCRIPTION OF PROPOSAL</b> (state action item 1-23 and course name & number or program affected):		
6, 7: Change prerequisites for PSYC 345 Cognitive Psychology to be consistent with numbering system within new 4-year PSYC BA program; shorten and up-date course description		
<b>PROPOSED SEMESTER OF IMPLEMENTATION:</b> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Year: 2007		

O-1: Briefly describe what is being requested:

6 - Change course prerequisites to:

*PSYC 100 or an equivalent introductory psychology course or permission of program director.*

7 – Change course description to:

**An introduction to the scientific study of the mind, including historical and current issues, concepts, theoretical models, research methods, and evidence regarding the physiological and psychological mechanisms, processes and content of thought.**

For new courses or changes in existing courses (needed by Registrar)

<b>OLD Title:</b> COGNITIVE PSYCHOLOGY	Course # / HEGIS Code: PSYC 345	Credits: 3
<b>NEW Title:</b> COGNITIVE PSYCHOLOGY	Course # / HEGIS Code: PSYC 345	Credits: 3

O-2: Set forth the rationale for the proposal:

6 – Prerequisite change necessitated by previously approved renumbering of courses within new 4-year PSYC BA degree program.

7 – Existing course description is excessively wordy and reflects a somewhat dated theoretical perspective (i.e., information processing theory). New course description is both briefer and more general, the latter making it sufficiently flexible to include new perspectives and rapidly changing understandings of mental mechanisms and processes.

## **Document P: Required Format for Course Definition Document**

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1. **Date Prepared:** 22 January 2007
2. **Prepared by:** Dr. John Bates
3. **Department:** Division of Applied Behavioral Sciences
4. **Course Number(s), including HEGIS code(s):** PSYC 345
5. **Course Title:** Cognitive Psychology
6. **Credit Hours:** 3
7. **Catalog Description (Paragraph should reflect general aims and nature of the course)**

An introduction to the scientific study of the mind, including historical and current issues, concepts, theoretical models, research methods, and evidence regarding the physiological and psychological mechanisms, processes and content of thought.

8. **Prerequisites:**  
  
PSYC 100 or an equivalent introductory psychology course or permission of program director.
9. **Faculty qualified to teach course:** John Bates, Deborah Kohl
10. **Course Type / Component ( clinical, continuance, discussion, field studies, independent study, laboratory, lecture, seminar, supervision, thesis research, workshop)**  
  
Lecture/discussion
11. **Suggested approximate class size:** 20-25
12. **Content Outline**

Although specific content may vary from section to section, major topics covered in this course will include the following.

1. Historical Foundations of Cognitive Psychology
2. Nervous System Anatomy/Physiology as Related to Cognition
3. Attention and Perception
4. Working Memory
5. Long-term Memory
6. Memory Structure Models

7. Forgetting and False Memory
8. Metacognition
9. Language Acquisition, Comprehension, and Production
10. Problem Solving

### **13. Learning Goals**

By the end of the course, the student should be able to

1. Identify the fundamental structures and processes of cells within the nervous system.
2. Identify the major components of the human brain, and name their functions.
3. Discuss the phenomena of priming and preconscious perception.
4. Compare and contrast current theories of attention, including their abilities to handle evidence from research on signal detection, selective attention, and divided attention.
5. Compare and contrast current bottom-up and top-down theories of perception.
6. Distinguish between and discuss the characteristics and components of historical and current models of short-term memory and immediate memory
7. Discuss the processes involved in the encoding and retrieval of long-term memories, including decay and interference theories and encoding specificity.
8. Contrast information processing, levels of processing, and connectionist accounts of memory formation, retrieval, and forgetting.
9. Compare and contrast semantic network, schema, and integrative models for the representing of declarative and procedural knowledge.
10. Describe the defining properties of language.
11. Describe the stages of human language acquisition.
12. Discuss each of the cognitive steps involved in problem solving.
13. Discriminate between and discuss algorithms and heuristics as problem solving strategies.

### **14. Assessment Strategies**

All sections of this course should include both in-class and out-of-class writing assignments on topics pertinent to course content and individual student interest, the number and required lengths of which will be at the instructor's discretion. Testing may be via objective or essay format, also at the instructor's discretion.

### **15. Suggested Text(s) and Materials (example: textbooks, equipment, software, etc.)**

Appropriate, current texts for this course include

- Mason, M. (2005). *Taking sides: Clashing views on controversial issues in cognitive science*. Dubuque, IA: Dushkin.
- Medin, D. L., Ross, B. H., & Markman, A. B. (2001). *Cognitive psychology* (3<sup>rd</sup> ed.). Orlando, FL: Harcourt.
- Sternberg, R. J. (2003). *Cognitive psychology* (3<sup>rd</sup> ed.). Belmont, CA: Wadsworth.