

# DEVELOPMENTAL PSYCHOBIOLOGY: HUM DEV 350

Fall Semester: 2009

Mon & Wed, 2:15-3:35, MAC Hall 109

Dr. Dennis N. Lorenz

<b>Week of</b>			
<b>September</b>	7	Chapter 1	Genes/Environ.
	14	Chapter 1	Genes/Environ.
	21	Chapter 2	Genes/Diseases
<b>Exam 1:</b>	23 Wednesday		
	28	Chapter 2	Genes/Diseases
<b>October</b>	5	Chapter 3	Cloning
	12	Chapter 3/4	Cloning/Cells
	19	Chapter 4	Stem Cells
<b>Exam 2:</b>	21 Wednesday		
	26	Chapter 5	Developing NS
<b>November</b>	2	Chapter 6	Teratogens
	9	Chapter 6	Teratogens
	16	Chapter 7	Hormones/Sex
<b>Exam 3:</b>	18 Wednesday		
	23	Chapter 8	Language/Learn
	30	Project Presentations	
<b>December</b>	7	Project Presentations	
	14	Project Presentations	
<b>Exam 4:</b>	16 Wednesday {1:00 - 3:00}		

**Course Objectives:** The course is designed to introduce the topic of Developmental Psychobiology. This rapidly growing area of research encompasses the biological and behavioral changes that accompany the development of the brain. Animal and human subjects will be explored to give us perspectives on a variety of issues ranging from the effects of genes and the environment, to cloning and stem cells, to hormone and drug effects on development.

**Syllabus:** The syllabus is a general outline including some of the material we will cover in this course. There will be additional material and, on occasion, certain sections of the syllabus may be abbreviated or omitted.

**Readings:** Assigned reading material must be read before class.

**Lectures:** PowerPoint slides will not be emailed to students.

**Class Discussion:** Critical thinking and creative ideas will be encouraged. Students are expected to participate in discussions and to share their ideas with the entire class.

**Final Research Written Project:** One written report is required. It must be typed, double spaced, and 5-6 pages in length. The topic will be chosen by the student, and must relate to the general theme of Developmental Psychobiology. The deadline for submission of the report is Wednesday, December 9. There will be no extensions, except for documented medical problems or personal disasters. Students lose 10 grade points for each day their report is late.

**Final Research Presentation:** Each student will present his/her research project to the class using PowerPoint. The presentation should include a 6-minute talk, plus 2 minutes for discussion.

**Examination Policy:** Exams will not be given before the assigned test period. Make-up exams will be given only if and when a written excuse is provided.

**Examination Format:** Bring two #2 lead pencils with erasers. Ink will not be registered by the computer that scans the special answer sheets. Test sections often include objective questions as well as short essays. Test questions will be drawn from the assigned readings, lecture material, and class discussions.

**Assigned Readings:** The course study guide readings can be found on D2L. From Internet Explorer, go to the UWGB homepage, click on Current Students, click on D2L, log on, click on DPB 2009, click on content, then open the chapter you want to read. Do not attempt to copy or print any material from this folder. Additional chapter information may be added to the UWGB library e-reserves during the semester.

**Readings:** Assigned reading material must be read before class. Attendance and discussion are essential for success.

**Course Material:** The lectures and readings for this course are designed to help students think about topics in Developmental Psychobiology. Some of the topics are controversial including areas that have moral, ethical, and religious ramifications. The instructor's intention is to educate using the facts available, not to use the podium to promote a political/religious position. Although the course material is based on scientific information, students will be expected to think about cultural, ethical, and legal implications.

**Course Points:**

Exam 1 .....	100 pts
Exam 2 .....	100
Exam 3 .....	100
Exam 4 .....	100
Oral Research Presentation .....	100
Final Research Written Project .....	100

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600 pts

**Letter Grades:** A student's total points divided by 600 points will determine the letter grade as a percent. The ranges are: 90% and above = A; 85-89.9% = AB; 80-84.9% = B; 75-79.9% = BC; 70-74.9% = C; 65-69.9% = CD; 60-64.9 = D; and < 59.9% = F.

"As required by federal law and UW-Green Bay policy for Individuals with Disabilities, students with a documented disability who need accommodations must contact the Disability Services Office at 465-2841. Reasonable accommodations can be made unless they alter the essential components of the class. Contact the instructor and Disability Services Coordinator in a timely manner to formulate alternative arrangements."

Lecture Hall ..... MAC 109  
 Class Time ..... Mon & Wed 2:15 - 3:35  
 Office ..... MAC Room C307  
 Phone ..... (920) 465-2535  
 Office Hrs: ..... Tuesdays & Thursdays 10-1, or by appointment