

PSYCHOLOGY 4971 – DEVELOPMENTAL PSYCHOLOGY CAPSTONE
Spring 2018

Tuesday and Thursday 2:00-3:15
108 Geological Sciences

Professor: Dr. Kristy vanMarle

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Office Hours: By appointment

Teaching Assistant:

Office Hours: By appointment

Required Texts: 1. S. A. Miller's (2013). *Developmental Research Methods* (4th edition).
2. *Publication Manual of the American Psychological Association* (6th edition)

Also Required: A jump drive

Course Objective:

This course has two primary objectives: (a) To introduce students to the research methods used to study human development. This objective will be accomplished through readings regarding developmental methods, readings of primary sources that incorporate developmental methods, and conducting and reporting original research. (b) To provide students with experience writing an APA style research report. This objective will be accomplished by providing students the opportunity to write the research report in sections over the course of the semester, receiving detailed and critical evaluation of their writing skills for each component, as well as for the final completed report.

Required Course Work:

Original Research Report (70% of final grade):

The first major aim of the course is for students to develop a research question and address that question through naturalistic observation of children. The theoretical basis of the research, the methods and results, and a discussion of the results will be written as an APA style research report. The following lists the graded components of the research report:

- List of references (5% of final grade)
- Draft of coding system (5% of final grade)
- Article summaries (3% of final grade)
- Draft of the Introduction and Methods (10% of final grade)
- Print out of entered data (2% of final grade)
- Data analyses (5% of final grade)
- Draft of the Results and Discussion (10% of final grade)
- Presentation (5% of final grade)
- Final draft of the entire research report (25% of final grade)

Directions for completing the assignments will be discussed in class and both e-copies and hardcopies of the assignments made available. All assignments **MUST** be turned in during the class period the day that they are due (and they may be turned in early). Assignments turned in within 24 hours after the time that they are due will automatically have 1% deducted, and an additional percentage point will be deducted for each additional day the assignment is late (e.g., the highest grade a draft of the Introduction and Methods that was ten days late could receive is 90%).

In-Class Pop Quizzes (30% of final grade):

The second major aim of this course is for students to gain a broad understanding of developmental research methods based on material covered in the text and in lectures. In-class pop quizzes will be given in ~75% of scheduled class periods and will test your knowledge of recently covered material (readings/lecture). Questions can appear in any of several types, including true/false, multiple choice, fill-in-the-blank, short answer, long answer, matching, and diagram labeling. Quizzes will be relatively short (e.g., 1-5 questions, total 5pts), and can occur at any point during the class period. You will accrue points over the semester for correct answers (+1 each, partial credit given on some questions), as well as for simply taking the quizzes (+3 per quiz). At the end of the semester, the percentage of pop quiz points you earned out of the total number possible will determine your pop quiz grade. 5% will be added to your pop quiz grade to buffer against the odd time when it may be impossible for you to attend a class (e.g., transportation failure, family event, personal injury, etc.) and it caused you to miss a quiz. ***PLEASE NOTE that quizzes will not be announced and can occur at any time during the class period, so... plan on attending class regularly! ☺**

There are no make-up quizzes. If you miss a quiz, you miss those points. If you come into class late while a quiz is in progress, you may join and take it in the remaining time. However, no one may join or continue working after I indicate time is up and begin to collect the quizzes.

Grading:

Final letter grades will be assigned based on the number of percentage points earned, and no extra credit is offered. Remember, **you need to earn ≥73% to be able to graduate**. Attend class regularly so you don't miss out on easy points.

A+	98-100%	B+	87-89%	C+	77-79%	D+	67-69%	F	below 60%
A	93-97%	B	83-86%	C	73-76%	D	63-66%		
A-	90-92%	B-	80-82%	C-	70-72%	D-	60-62%		

Course Website:

Students can check their grades and download course materials from our Canvas course website <https://courses.missouri.edu>. If you have difficulty using Canvas, you can ask a User Consultant at any of the IAT Services computer labs or call the IATS Help Desk at 882-5000.

Special Needs:

If you anticipate barriers related to the format or requirements of this course, if you have emergency medical information to share with me, or if you need to make arrangements in case the building must be evacuated, please let me know as soon as possible.

If disability related accommodations are necessary (for example, a note taker, extended time on exams, captioning), please register with the Disability Center (<http://disabilitycenter.missouri.edu>), S5 Memorial Union, 573- 882-4696, and then notify me of your eligibility for reasonable accommodations. For other MU resources for persons with disabilities, click on "Disability Resources" on the MU homepage.

Date	Reading	Other Topic/Activity	Due
Jan 16	Chapter 1: Introduction	Generate project ideas	
Jan 18	Chapter 2: General Principles	Choose project idea	
Jan 23	BRING YOUR LAPTOPS!	Generate research questions HW1: Reference assignment Practice PsycInfo	
Jan 25	Chapter 6: Settings	CDL tour – meet at CDL @ 2:00	
Jan 30		Create variable lists (A-L)	HW1: References (due by 3:00pm, class or mailbox in 217 McAlester)
Feb 1		Create variable lists (M-Z)	
Feb 6	Chapter 4: Measurement	HW2: Coding system assignment	Clean copy of your variable list
Feb 8		Develop coding sheets	
Feb 13		Check coding sheets (A-L 2:00-2:35; M-Z 2:40-3:15)	
Feb 15	Chapter 11: Writing	HW3: Intro/Methods assignment Write outline for introduction	HW2: Coding System
Feb 20		Article summaries (A-L 2:00-2:35; M-Z 2:40-3:15)	
Feb 22		Article summaries peer critique	Bring 3 draft article summaries *BEGIN DATA COLLECTION*
Feb 27		Fake data (hard copy)	Article Summaries (HW#3, pt. 1)
Mar 1		In Class Catch-up/Consulting	
Mar 6	Computer Lab Day Meet in AGRICULTURE 2-11	Enter fake data HW4: Data and variable list assignment	
Mar 8	Chapter 9: Statistics	Decide analyses	
Mar 13		Decide analyses (A-L 2:00-2:35; M-Z 2:40-3:15)	Intro/Methods (HW#3, pt. 2)
Mar 15	Chapter 3: Design	Finish deciding analyses	
Mar 20	Computer Lab Day Meet in AGRICULTURE 2-11	Analyze fake data	HW4: Fake Data and Variable List
Mar 22	Computer Lab Day Meet in AGRICULTURE 2-11	HW5: Data analyses assignment Analyze fake data (A-L 2:00-2:35; M-Z 2:40-3:15)	*DATA COLLECTION SHOULD BE COMPLETE *
Mar 27	-----	SPRING BREAK	-----
Mar 29	-----	SPRING BREAK	-----
Apr 3	Writing – Results/Discussion	HW6: Results/Discussion assignment Pick presentation dates Writing time – results/discussion	HW5: Data Analyses
Apr 5		In Class Catch-up/Consulting	
Apr 10	Chapter 13: Cognitive Development	Writing time – results/discussion	
Apr 12	Chapter 14: Social Development	HW7: Presentation assignment Writing time – results/discussion	
Apr 17	Chapter 15: Aging	HW8: Final paper assignment	HW6: Results/Discussion
Apr 19		In Class Catch-up/Consulting	
Apr 24		Presentations	
Apr 26		Presentations	
May 1		Presentations	
May 3		Presentations	HW8: Final Paper due in class