

PSY 510 – Advanced Educational Psychology

Summer 2019

Western Kentucky University
College of Education and Behavioral Sciences
Department of Psychology

Instructor: W. Pitt Derryberry, Ph.D.

Office: Gary Ransdell Hall 3017

Office Hours: None posted during Summer Term though I will be in my office for the majority of each day. Email if you would like to set up an appointment.

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Blackboard: <http://ecourses.wku.edu/>

Course Description: Application of psychological and developmental theories to teaching and learning. Examination of cognitive, social, and moral development, learner diversity, learning theories, motivation, effective classroom management, productive instructional practices, and assessment.

Course Objectives:

Students will:

1. Examine the effect of current research on our understanding of learning and teaching.
2. Examine and evaluate theories of human development.
3. Apply developmental concepts to the teaching of various age groups.
4. Evaluate the influence of individual differences on teaching and learning.
5. Examine and evaluate behavioral theories of learning.
6. Examine and evaluate cognitive theories of learning.
7. Examine and evaluate classroom applications of theories of learning.
7. Examine theories and techniques of human motivation.
8. Examine various techniques of classroom management.
9. Debate and address the advantages and disadvantages of classroom assessment.
10. Evaluate and report about ideas surrounding current issues in educational psychology.
11. Develop ability in locating and considering scholarly research and other resources of educational psychology.
12. Develop familiarity with resources of educational technology.

Course Credit: 3 hours

Required Texts:

Chang, E. (2017). *Taking sides: Clashing views in Educational Psychology (8th Edition)*.

Guilford, CONN: McGraw-Hill/Dushkin. (ISBN # 9781259675263)

Cauley, K.M., & Pannozzo, G.M. (2014). *Annual editions: Educational Psychology 13/14 (28th Edition)*. Guilford, CONN: McGraw-Hill/Dushkin. (ISBN # 978-0-07-813607-8)

Optional Text:

Any Introductory text of Educational Psychology. If you feel comfortable with the material that is contained in the notes posted on Blackboard, there is no need to buy an optional text. If you feel you need a text in helping you to further review the contents addressed in the posted notes and featured on the weekly quizzes, I recommend purchasing an introductory text. I recommend Woolfolk's text (any edition before this one is fine) as noted below:

Woolfolk, A. (2019). *Educational Psychology (14th Ed.)*. Upper Saddle River, NH: Pearson.

Description of Course Requirements and Assignments: *Note: All assignments are to be turned in on the Digital Dropbox on Blackboard.*

1. *Textbooks* – As noted above, there are two required textbooks for this course. The purpose of these two texts is to help you to further understand, think about, and expand your knowledge on some issues and areas that are of current importance to Educational Psychologists. As such, these texts are expected to help you advance your understanding of Educational Psychology (i.e., the fundamental goal of this course). The optional text (e.g., Woolfolk or any other introductory textbook) addresses the basics and fundamentals of Educational Psychology. Its purpose is to help you to review and re-familiarize yourself with these areas. As noted earlier, if you feel you need a text in helping you to further review the contents addressed in the posted notes and featured on the weekly quizzes, I recommend purchasing an introductory text.
2. *Unit notes* – I have posted notes for each unit on Blackboard. You will find these by clicking onto the “Course Documents” tab. The purpose of these notes is to help in emphasizing and organizing the basic content that you are responsible for knowing in each unit. The notes also address some areas that are not covered in your texts. Therefore, be sure to give proper attention to both the text and notes. If there is anything addressed in the notes that you are not sure about, please contact me. Your quizzes (see below) will mainly stem from the content addressed in these notes.
3. *Quizzes* – Quizzes over the basics from each unit will be given. Questions will be a combination of multiple choice and true/false questions. These quizzes will help you to check how familiar you are with and how well you understand the basic content from each unit. Furthermore, they will help me to ensure that you have the requisite understanding of the fundamental content of each unit. All quizzes will be posted on Blackboard under the “Assignments” button. Although you must take the quizzes by specified dates, do not take the quiz until you feel comfortable with and knowledgeable of all relevant material for each unit (as organized in your notes). You are free to refer your notes and any texts in taking each quiz. Your quiz average will account for **25**

percent of your overall course grade. If you have questions about any quiz content, please email or call me.

Please note that there are two links for each quiz. The first is a MS Word formatted copy of the quiz. Print this out and determine the answers. The second link is the direct link to the quiz. Access this link **ONLY** when you are ready to input **ALL** of your answers. If necessary (i.e., if you don't make a 100 the first time you take a quiz), you can take each quiz two times. Simply click onto the quiz grade in the gradebook and you will be able to input your answers again. If you take a quiz a second time, please note that your quiz grade for that unit will be the average of your two attempts. Please also note that in taking each quiz, Blackboard will tell you the number of questions that you missed but it will not report which questions you missed (that is for you to determine!) until after the due date.

Discussion boards are provided for each quiz. You are expected to regularly post questions and respond to posted questions about each quiz. You should check the discussion board daily not only to post questions but to provide help and/or insights for fellow students regarding their questions. You must post a question about at least one quiz question you are struggling with on at least four occasions during the term. These questions must be posted *prior to* the due date of the quiz. You must also assist someone (or provide further assistance and information following someone else's assistance) with their posted question on at least two occasions during the term. The assistance must also be provided *prior to* the quiz's due date. In providing assistance, **DO NOT** simply state what the answer is. Your assistance should help the person who posted the question how to determine the answer. In other words, don't just give them a fish; teach them to fish! I will also check these discussion boards daily and will respond to any unanswered (or incorrectly answered) or remaining questions when warranted. Please view my role on the discussion boards as that of a moderator, though. ***The purpose of the discussion boards is for students to help each other.*** I will jump in, however, if it seems that there is confusion or further help is needed. If there is something addressed on a discussion board that you feel needs immediate or further attention explanation from me and I have yet to post anything, please email me and let me know. Failure to meet the posting requirements above will result in point deductions to your quiz average. For example, failure to post the required 4 questions about quizzes and post two assists to posted question would result in a deduction of 6 points to your quiz average.

In preparing for and taking each quiz, I recommend the following: 1) Print out the MS Word formatted quiz. 2) Start determining the answers by a) going over the notes with a fine-tooth comb, b) reading related chapters in either the optional text or any Educational Psychology basic text, and c) if you are struggling with any questions or content, utilize a Google search (you'd be amazed about the plethora of information about Educational Psychology that is on the web) to further your knowledge. 3) Contact me and/or post a discussion board forum if you need additional help on a question or questions. 4) Submit your answers to the appropriate link by the due date.

4. *Reflection papers* – Students are expected to complete reflection papers that address various topics that are important considerations in each unit of study. PLEASE NOTE that you are to post your reflection papers to two different places on Blackboard. First, you will post your reflection paper file to the appropriate link under the “Assignments” tab. This enables me to access your paper, grade it, and immediately post comments and your grade to the gradebook. This also allows you to know whether I have received the paper (If I have received it, you will see a “!” in the gradebook. If I have received it and graded it, you will see a grade in the gradebook. If I haven’t received it, you won’t see anything in the gradebook). To see feedback from me, clicking onto your grade will access a box containing my comments. Please note that I rarely provide feedback for papers that receive full credit (perfection is feedback enough!).

You will also post each reflection paper you complete to the designated discussion board on Blackboard. This is so that your fellow students can also see your paper. Students are expected to look over each other’s reflection papers and provide feedback, comments, and/or responses when so moved (e.g., *the web class version of class discussion*). Additionally, you must provide some sort of feedback, comment, or response on at least 6 different weeks. As noted below, failure to do so will impact your overall reflection paper grade.

Each reflection paper should consist of your thoughts about and responses to questions I will present on the advanced topics that we will cover in each unit (as covered in your two required texts). These questions can be found in the outline and due dates at the end of the syllabus. You will also find these questions at the link for uploading each paper in a folder under the “Assignments” tab on Blackboard. The purpose of these entries is to allow you to reflect upon what up-to-date research has to say about these topics and to further organize your own thoughts and decisions about these issues. These entries do not need to be lengthy. Two to three double-spaced pages is usually enough to suffice. The main requirement of these entries is that you must refer to evidence from the readings that support your stances, decisions, and commentary that you make. Points will be deducted from those papers that have not effectively explained how the readings pertain to the stances made in the paper. Points will also be deducted for any readings that are overlooked. Each question is connected to the assigned readings in some way. Your job is to make the connection and address it in your paper. Those who do not address the readings at all in their papers will receive a 0. When referring to each reading in your papers, please cite the author of the entry, not the editors of the text.

There are 12 reflection paper questions. You are only required to complete a total of 10 papers, however. This gives you the chance to skip a reflection paper on two different weeks. You do not have to inform me on the week you intend to skip. If you turn in 12 papers, I will keep your 10 highest grades. Each paper is worth 10 points. Remember, you must provide some sort of feedback, comment, or response to at least one paper on the discussion board across at least 6 different weeks. Failure to do so will result in 1 point deducted from your total for each week under the requirement. Your overall reflection paper point totals will account for **25 percent** of your overall course grade.

5. *Examinations* – There will be a midterm and a final consisting of multiple choice questions and one essay question. The multiple choice questions will pertain to basic content (i.e., content covered on quizzes) while the essay question will ask you to consider the assigned readings. In taking each exam, you will be allowed to refer to any other sources that you have. You will not be allowed to consult with each other in taking the exams, though. Each exam will be posted on Blackboard under the “Assignments” tab prior to midterm and finals week. You will upload each exam through the same link. Each exam will account for **25 percent** of your overall course grade.
6. *Classroom Application Exercises* – You will note on Blackboard that there is a tab for Classroom Application Exercises. These exercises are optional. You do not even have to look over them if you do not wish. However, you may find that reviewing these exercises and considering the included questions will be helpful in applying material from each unit (and also in preparing for the midterm and final exams). As such, I will post a discussion board for each classroom application exercise where those that are interested can respond to, consider, or ask questions about any of the content or questions from these classroom application exercises. Please also note that many of the multiple choice questions on your tests will stem from what is addressed and asked in these exercises. Thus, it will definitely behoove you to attend to these exercises and to tune in/post to the discussion boards for them when something is not clear or when you do not understand something.

Grading Procedures:

Quizzes = 25 % (Quiz average x .25)

Reflection Papers = 25 % (Point total x .20)

Examinations = 50 % (Average of two exams x .50)

One’s overall grade equals the sum of the products in parentheses. As such, 90-100 = A; 80-89 = B; 70-79 = C; 60-69 = D; 0-59 = F.

Academic Honesty: All acts of dishonesty (i.e., plagiarism, cheating, representing another person’s efforts as your own, etc) in any work constitute academic misconduct. Evidence of academic misconduct will result in an F for the course. Please see the following link for further information from WKU student handbook:

http://www.wku.edu/handbook/2009/index.php?option=com_content&view=article&id=59:academic-offenses&catid=36:academic-offenses&Itemid=60

Please Note:

1. Students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services, Room 445, Potter Hall. The OFSDS telephone number is (270) 745-5004 V/TDD. Please do not request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services.

2. All written work must be typed (11- or 12-point font), and double-spaced. Reflection papers should be posted to the appropriate discussion board. Exams and quizzes should be submitted by clicking on to the accompanying links on Blackboard.
3. Many people assume that web-based courses are easier than are face-to-face classes. *This is not necessarily true!* This is not because the assignments are harder or different. It is simply because you are on your own and do not have the regular face-to-face interactions with your fellow students and me. Therefore, in order to do well in this class, you must not be afraid to contact me when you have questions about *anything*. You also *must* be a self-regulated person who is able to manage and organize your time effectively. You *must* be willing to regularly attend to the various discussion boards. The course outline and assignments are set, and it is up to you to monitor and follow them. This is a three week course. It is fast moving and highly concentrated. Therefore, you must attend to it every day! How much time you spend each day is up to you. Be sure that whenever you have questions or concerns that you email or phone me as soon as possible. Those who keep up with everything generally do well in this course. Because each day has required assignments, those who fall behind do not do well because they have so much trouble catching up.
4. The course is designated for the Summer term session ranging from June 10 – June 28. As such, you must be certain to complete all designated assignments no later than the due dates that are specified. Because this is a web-based course, however, there is a little more flexibility and you are free to work ahead of schedule (even before the start of the term). Thus, if you wish to complete all of the requirements of the course prior to June 28, you are free to do so. In other words, you can set your own schedule and complete assignments early, but you may not complete assignments any later than the due dates that are specified (though I do grant extensions, if necessary, on a case by case basis). Please note, however, that should you choose to work ahead of schedule that you may not have the benefit of information that your fellow students ultimately provide on the various discussion boards. Also, understand that I do not grade reflection papers that are turned in early until all others have been received.
5. Students are encouraged to contact me if they are having difficulty or any other problems in the course. If you are struggling, worried, or confused, do not wait until it is too late to do anything about it. Any feedback about the course or course assignments is welcomed. I will also be glad to discuss any other matters related to your graduate education – such as course offerings, possible thesis topics, etc. Seek me out early and often and ask me for help, advice, etc. I will be more than glad to help. That's my job. It's what I do!

Course Due Dates and Outline

NOTE: I have included optional text readings from the Woolfolk introductory text. If you use a different introductory text you will need to match up your table of contents with the specific week's covered contents.

Day 1: Monday, June 10

- Readings to complete:

Blackboard:

- Unit 1 Blackboard notes

Optional text:

- Chapter 1

Required text:

- Taking Sides
 - Issue: Are Constructivist Teaching Methods Superior to Traditional Methods of Teaching? (Yes: Hausfather; No: Clark, Kirschner, & Sweller)
- Annual Editions
 - 1. Inspired Responses (Steele).
 - 3. Embarking on Action Research (Brighton).

- Assignments due **Tuesday, June 11** by 12:00 pm (noon):

- Complete e-card under “Assignments” tab, read syllabus, familiarize yourself with Blackboard.
- Quiz 1
- Reflection Paper # 1 addressing the following: “What is your idea of an expert teacher and how do you think an understanding of Educational Psychology can contribute to your becoming one?”

Day 2: Tuesday, June 11

- Readings to complete:

Blackboard:

- Unit 2 Blackboard notes covering the Brain and Piaget's theory
- Classroom Application Exercise # 1

Optional text:

- Chapter 2 (pp. 23 – 44)

Required text:

- Taking Sides
 - Issue: Do Recent Discoveries About the Brain Have Implications for Classroom Practice? (Yes: Willis; No: Willingham)
- Annual Editions
 - 9. Adolescent Brain Development and Drugs (Winters & Arria).
 - 22. What Does the Brain Have to Do with Learning? (Worden, Hinton, & Fischer)

- Assignments due **Wednesday, June 12** by 12:00 pm (noon):

- Quiz 2, “The Brain and Piaget”
- Reflection Paper # 2 addressing the following: “Discuss whether current understanding about the brain can inform our understanding of both cognitive development and classroom practices.”

Day 3: Wednesday, June 12

- Readings to complete:

- Blackboard:*

- Remaining Unit 2 Blackboard notes.
 - Classroom Application Exercise # 2

- Optional text:*

- Chapter 2 (pp. 44 – 56)

- Required text:*

- Annual Editions
 - 6. Play and Social Interaction in Middle Childhood (Bergen & Fromberg).
 - 7. It's All in the Game: Designing and Playing Board Games to Foster Communication and Social Skills (Collins et al.).

- Assignments due **Thursday, June 13** by 12:00 pm (noon):

- Quiz 3, "Cognitive Development: Vygotsky and Language"
 - Reflection Paper # 3 addressing the following: "What recommendations do you have for accommodating cognitive developmental differences in your classroom?"

Day 4: Thursday, June 13

- Readings to complete:

- Blackboard:*

- Unit 3 Blackboard notes.
 - Classroom Application Exercise # 3

- Optional text:*

- Chapter 3

- Required text:*

- Taking Sides
 - Issue: Should Students Be Free? (Yes: Rogers; No: Skinner)
 - Annual Editions
 - 10. A Brief Primer on Self-Esteem (Robins, Tresniewski, & Donellan).
 - 27. Cheating Themselves out of an Education: Assignments that Promote Higher-Order Thinking and Honesty in the Middle Grades (Zito & McQuillan).

- Assignments due **Friday, June 14** by 12:00 pm (noon):

- Quiz 4, "Personal, Social, and Moral Development"
 - Reflection Paper # 4 addressing the following: "What do you feel is the best way to address self-esteem and moral development in the classroom? How is what you recommend likely to impact student development in these areas?"

Day 5: Friday, June 14

- Readings to complete:

- Blackboard:

- Unit 4 Blackboard notes on Intelligence and the Exceptional Student.
 - Classroom Application Exercise # 4.

- Optional text:

- Chapter 4

- Required text:

- Taking Sides
 - Issue: Is Full Inclusion Always the Best Option for Children With Disabilities? (Yes: Giangreco; No: Kaufman et al.)
 - Annual Editions
 - 16. The Right Fit for Henry (Gould, Staff, and Theiss).

- Assignments due by **Monday, June 17** by 12:00 pm (noon):

- Reflection Paper # 5 addressing the following: “How do you define intellectual ability and how should we accommodate intellectual ability in the classroom?”
 - Note: No quiz today. The content for Day 5 and Day 6 are addressed in tomorrow’s quiz.

Day 6: Monday, June 17

- Readings to complete:

- Blackboard:

- Remaining Unit 4 Blackboard notes.
 - Classroom Application Exercise # 5

- Optional text:

- Chapter 5

- Required text

- Taking Sides (*Select one*)
 - Issue: Are Single-Gender Classes Necessary to Create Equal Opportunities for Boys and Girls? (Yes: Spielhagen; No: King and Gurian)
 - Issue: Can Schools Close the Achievement Gap between Students from Different Ethnic and Racial Backgrounds? (Yes: Burris and Welner; No: Schmidt et al.).
 - Annual Editions
 - 20. The Myth of Pink and Blue Brains (Eliot).

- Assignments due by **Tuesday, June 18** by 12:00 pm (noon):

- Quiz 5, “Student Diversity” NOTE: This quiz addresses content from Day 5 and Day 6.
 - Reflection Paper # 6 addressing the following: “What is your philosophy for educating culturally diverse (i.e., in terms of ethnicity, language, gender, and SES differences) learning populations?”

Day 7: Tuesday, June 18 – MIDTERM

- Readings to complete:
 - None
- Assignments due by Wednesday, **June 19** by 12:00 pm (noon):
 - Midterm

Day 8: Wednesday, June 19

- Readings to complete:
Blackboard:
 - Unit 5 Blackboard notes.
 - Classroom Application Exercise # 6*Optional text:*
 - Chapter 6 (pp. 197 – 215), Chapter 9 (pp. 314 – 322).*Required text:*
 - Taking Sides
 - Issue: Should Schools Use Cash Incentives to Promote Educational Goals? (Yes: Pierce et al.; No: Baumeister).
 - Annual Editions
 - 33. The Perils and Promises of Praise (Dweck).
- Assignments due by **Thursday, June 20** by 12:00 pm (noon):
 - Quiz 6, “Behavioral and Social Cognitive Theories of Learning.”
 - “Reflection Paper # 7 addressing the following: “What do you think the role of reinforcement should be in the classroom and how do you think student learning would be impacted as a result of your stance?”

Day 9: Thursday, June 20

- Readings to complete:
Blackboard:
 - Unit 6 Blackboard notes.
 - Classroom Application Exercise # 7*Optional text:*
 - Chapter 7, Chapter 9 (pp. 322 – 328)*Required text:*
 - Taking Sides
 - None
 - Annual Editions
 - 23. What Will Improve a Student’s Memory (Willingham).
 - 24. Classroom Assessment and Grading to Assure Mastery (Lalley & Gentile).
 - 25. Backward Design: Targeting Depth of Understanding for All Learners (Childre, Sands, & Pope).
- Assignments due by **Friday, June 21** by 12:00 pm (noon):
 - Quiz 7, “Cognitive Learning Theories”
 - Reflection Paper # 8 entry addressing the following: “In your mind, what must the teacher do to ensure that effective student information processing occurs in the classroom and how would student learning impacted as a result of your stance?”

Day 10: Friday, June 21

- Readings to complete:

- Blackboard:*

- Unit 7 Blackboard notes.
 - Classroom Application Exercise # 8

- Optional text:*

- Chapter 10, Chapter 11

- Required text:*

- Taking Sides
 - Issue: Does Homework Improve Student Achievement? (Yes: Dettmers et al.; No: Cooper et al.)
 - Issue: Does Grading Help Students Learn? (Yes: Spencer; No: Kohn)
 - Annual Editions
 - 34. Regulation of Motivation: Contextual and Social Aspects (Wolters).

- Assignments due by **Monday, June 24** by 12:00 pm (noon):

- Quiz 8, "Motivation."
 - Reflection Paper # 9 addressing the following: "What steps would you suggest to administrators and teachers that will ensure that student motivation to learn is improved and positively impacted?"

Day 11: Monday, June 24

- Readings to complete:

- Blackboard:*

- Unit 8 Blackboard notes.
 - Classroom Application Exercise # 9

- Optional text:*

- Chapter 13

- Required text:*

- Taking Sides
 - Issue: Is Parental Involvement in Education Critical for Student Achievement? (Yes: Hill and Tyson; No: Cheung and Pomerantz)
 - Annual Editions
 - Principles of Instruction: Research Based Strategies That All Teachers Should Know (Rosenshine).

- Assignments due by **Tuesday, June 25** by 12:00 pm (noon):

- Quiz 9, "Planning, Instruction, and Technology"
 - Reflection Paper # 10 addressing the following: "What is (or are) the most important consideration(s) for a teacher in terms of planning for instruction?"

Day 12: Tuesday, June 25

- Readings to complete:

- Blackboard:*

- Unit 9 Blackboard notes.
 - Classroom Application Exercise # 10

- Optional text:*

- Chapter 12

- Required text:*

- Taking Sides
 - Issue: Does Reducing Class Size Improve Student Achievement? (Yes: Finn et al.; No: Hanushek)
 - Annual Editions
 - 35. Classroom Management Strategies for Difficult Students: Promoting Change through Relationships (Beaty-O’Ferrall, Green, & Hanna).
 - 36. From Ringmaster to Conductor: 10 Simple Techniques Can Turn an Unruly Class Into a Productive One (Kraft).

- Assignments due by **Wednesday, June 26** by 12:00 pm (noon):

- Quiz 10, “Classroom Management”
 - Reflection Paper # 11 addressing the following: “What are the most important considerations for effective classroom management that you would suggest to future teachers?”

Day 13: Wednesday, June 26

- Readings to complete:

- Blackboard:*

- Unit 10 Blackboard notes

- Optional text:*

- Chapter 14 (p. 513 – 524), Chapter 15

- Required text:*

- Taking Sides (*Select one*)
 - Issue: Are Charter Schools Advancing Educational Reforms? (Yes: RAND; No: Carnoy et al.)
 - Annual Editions
 - 45. Creating Student-Friendly Tests (Salend).

- Assignments due by **Thursday, June 27** by 12:00 pm (noon)

- Quiz 11, “Assessing Classroom Learning.”
 - Reflection Paper # 12 addressing the following: “What sources of information should be considered in evaluating how well learning has occurred in schools?”

Day 14: Thursday, June 27 – FINAL

- Readings to complete:

- None

- Assignments due by **Friday, June 28** by 12:00 pm (noon):

- Final