

**George Mason University**  
**College of Education and Human Development**  
**Secondary Education Program**



EDUC 672 Human Development and Learning: Secondary Education  
Fall Semester 2011

Instructor: Karen Banks, Ph.D  
Day and Time: Thursdays 4:30-7:10  
Class Location: Robinson B 218  
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Office Hours: By appointment

**Required Textbooks:**

Woolfolk, A.E. (2010) *Educational psychology* (11th ed). Upper Saddle, NJ: Merrill.  
(A.W.)

Ormrod, J.E. & McGuire, D.J. (2007) *Case studies: Applying educational psychology*.  
Upper Saddle River, NJ: Prentice Hall. (O & M)

Other articles and handouts will be distributed during class or posted on-line on Bb. The site for our course is at <http://mymasonportal.gmu.edu>.

**Course Description**

Education 672 explores the processes that influence the intellectual, social, emotional and physical development of middle and high school students. Within that context, the course further examines the processes and theories that provide a basis for understanding

the learning process. Particular attention is given to constructivist theories and practices of learning, the role of symbolic competence as a mediator of learning, understanding, and knowing, and the facilitation of critical thinking and problem solving. Processes of developing and learning are considered as they impact the design of instruction and the selection of curriculum. The course also explores the relation of theories of learning to the construction of learning environments, student motivation, classroom management, assessment and how technology supports teaching and learning.

**Course Methodology**

The course is structured around readings, case analyses, reflections on those readings, conceptual analyses of developmental psychology and learning theories, expert group projects, a review of current research, and technology activities. EDUC 672 seeks to build clear bridges between theoretical/research perspectives and classroom practice. Student participation and involvement are crucial for making the course successful for everyone. The class will involve large and small group work, and individualized work on the online discussion link on Bb. The online discussions are to be considered a regular instructional time, and the assignments given are the equivalent of a full, in-class session.

**Relationship Between Course Objectives and Conceptual Framework Core Values**

<b>Course Objectives</b>	<b>Conceptual Framework Core Values</b>
<p>1. Students will demonstrate an understanding of stages and processes relating to adolescents’ social, emotional, moral, cognitive, and physical development by watching an adolescent movie, interviewing an adolescent and teacher, and analyzing these characteristics in three five-page research papers.</p>	<p>Research based practice Ethical Leadership Social Justice</p>
<p>Students will develop an understanding of how individuals differ in their approaches to learning and how to create instructional opportunities that are adapted to learners from diverse cultural backgrounds and with exceptionalities by analyzing individual case studies.</p>	<p>Research based practice Social Justice Ethical Leadership</p>
<p>Students will demonstrate an understanding of how theoretical approaches to learning and development relate to classroom management, instruction, and assessment by creating a case study of an adolescent learner, developing learning objectives and planning teaching and assessment strategies.</p>	<p>Research based practice Ethical Leadership Innovation Social Justice</p>

Course Objectives	Conceptual Framework Core Values
<p>Students will develop and reinforce their critical thinking, problem solving, oral, and writing skills by participating in a collaborative group that researches and presents various aspects of psychological theory and research using PowerPoint slides.</p>	<p>Research based practice Collaboration Ethical Leadership Innovation</p>
<p>Students will demonstrate an understanding of the process of creating a learning environment in which adolescents construct knowledge, access prior knowledge, engage in problem solving, and add information to social/environmental scaffolding through successfully analyzing case studies and analysis of peer-reviewed, data-based research shared with classmates on Bb.</p>	<p>Research based practice Ethical Leadership Collaboration Innovation Social Justice</p>

### Course Requirements

- 1. Classroom Participation and Attendance Policy:** Due to the importance of classroom presentations and classroom discussion (including case studies) to your total learning experience, attendance and participation are important. Readings must be completed before class. Attendance and participation make up 10% of the grade. If you must miss a class, notify the instructor (preferably in advance), and you are still responsible for completing all assignments and readings for the next class. You are responsible for getting assignments in on time and catching up if you are absent. [Anyone missing more than two classes should see the instructor to discuss dropping the class.]
- 2. Written Assignments:** All written assignments must be completed on a word processor. Assignments are to be turned in at the beginning of class on the date due. If you are absent, send your assignment to the instructor as a Word attachment (.doc not .docx). Late assignments will not be accepted without making prior arrangements with the instructor. In addition, all work submitted in this course must be your own or attributed to the proper author using the appropriate research reference format (APA). Refer to the GMU Honor Code for further information. Students will be able to use the writing style described in the Fifth Edition of the *Publication Manual of the American Psychological Association* (APA) or a similar style manual or resources on OWL Purdue.
- 3. Oral Group Presentation:** Students will be assigned to groups of four students. Each group will be asked to analyze research and readings in a specific psychological area, and present it to the class. All research must draw upon social scientific work on

adolescent development, citing a minimum of five scholarly references. The oral presentation includes both a description of the theory and an interactive activity for the class that demonstrates application of the theory in classroom instruction. The presentation should last 20-40 minutes and should include use of power point to present information. The power point should be sent to the instructor at least a day prior to the class meeting so it can be posted on Bb. References for the presentation should be included on the last slide of the power point. (20 points)

#### **Group Presentation Topics**

Cognitive/Individual Constructivism and Developmental Stages (Jean Piaget)  
Social Constructivism (Lev Vygotsky)  
Information Processing  
Moral Development (Lawrence Kohlberg) or character development  
Adolescent Gender Norms (Carol Gilligan)  
Learner Differences in Adolescent Achievement (this could focus on culture or on cognition)  
Special Education Needs (Ch. 5)  
Psychosocial Development (Erik Erickson) Ch. 3  
Social Cognitive Theory/Self-Efficacy (Albert Bandura)  
Humanistic Psychology (Abraham Maslow)  
Behaviorist Theory (B.F. Skinner)  
Attribution Theory (Bernard Weiner)  
Concept Formation (Jerome Bruner)  
Transfer (David Perkins)  
Assessment  
Classroom Management

#### **4. Fieldwork Assignments: Fieldwork Assignment #1 – Analysis of Educational Theory seen in Teen-Based Movie**

Watch a movie about adolescents. Choose any one of these “teenage flicks:” *The Breakfast Club*, *Stand and Deliver*, *Dead Poet’s Society*, *Sixteen Candles*, *Clueless*, *Dangerous Minds*, *To Sir, with Love*, *Mr. Holland’s Opus*, *10 Things I Hate about You*, *Coach Carter*, *Finding Forrester*, *Napoleon Dynamite*, *Secret Life of Bees* or *Freedom Writers*. Feel free to explore and find a movie that might be relevant. If you choose a different movie, please check with the instructor before you use it to complete this assignment. After watching the film, please analyze the adolescent behavior, cliques, characteristics, and interactions in a **five-page** (double-spaced) paper. Start to apply psychological developmental theory by looking for **five characteristics of adolescents** that are mentioned in the textbook. Please apply a minimum of five psychological concepts that have been discussed in class or that are presented in the textbook. In the paper briefly describe the concept and then explain how circumstances in the movie illustrate the theory. Use direct and indirect quotations from the movie. (10 Points)

#### **Fieldwork Assignment #2 – Independent Analysis of Case Study**

Students will be assigned two case studies to analyze. The analysis will explore adolescent levels of development (e.g.—physical, social, or moral), adolescent

motivation, and classroom strategies. In the case analysis you need to demonstrate understanding of the intersection of learning theory with instruction. You also need to explore multiple perspectives on problems students experience in school. You will want to examine the case study information to problem solve potential strategies for supporting adolescent engagement in the learning process, and application of classroom learning in the students' lives outside of school. Explore how special needs, interrupted educational experiences, language, racial, gender, ethnic or religious differences may impact student involvement and learning. Each case study assigned should be at least five pages in length. (10 points)

### **Fieldwork Assignment #3- Interview an Adolescent**

Interview an adolescent about how motivation affects his/her learning and behavior. That is, what motivates this student to succeed? Also, interview a teacher about motivational techniques that work in the classroom. The student and teacher do NOT need to be in the same classroom. The interview and analysis should result in an eight to ten page paper that defines motivation, a connection between information gained from the interview with the definition of motivation, and a description of the nature of motivation, behavioral, humanistic, social/cognitive and cognitive. Students need to present teaching strategies that support positive motivation and engagement in classroom instruction, with a connection to theory and research discussed in class in a paper at least five pages in length. (10 points)

### **5. Application Project**

Students will create a case study of a typical adolescent that may be encountered in a general education classroom. Students will describe the physical, social/emotional and cognitive/language development of the adolescent. Strategies for determining adolescent motivation, prior knowledge and values and goals of the adolescent will be described. Strategies for meeting the needs of the case study adolescent within a classroom will be described. Authentic assessment strategies that measure transfer of classroom learning to the adolescent's out-of-school learning will be described. All strategies will be supported by at least two research references (six references total). (30 points)

### **6. Bb assignments**

Students will participate in two Bb discussions (out-of-class) that will involve summarizing a peer-reviewed, data-based research article related to adolescent literacy development, risk-taking behavior, homelessness, career awareness, adolescent pregnancy, and/or self-destructive behaviors such as self-mutilation or gang-involvement. Students will explore, on Bb, suggested strategies for becoming aware of issues adolescents may be facing and how to relate to adolescents in a classroom setting. All students will read the discussion board posts and be prepared to discuss in class. (10 points)

**NOTE: Maintain copies of all projects to document progress through the Secondary Education Program. Projects may become part of your professional portfolio, and useful when you have your own classroom.**

**The Graduate School of Education (GSE) expects that all students abide by the following:**

**A. Dispositions**

Students are expected to exhibit professional behavior and dispositions. See [gse.gmu.edu](http://gse.gmu.edu) for a listing of these dispositions. The Virginia Department of Education and the National Council for Accreditation of Teacher Education promote standards of professional competence and dispositions. Dispositions are values, commitments, and professional ethics that influence behaviors toward students, families, colleagues, and all members of the learning community. The Graduate School of Education expects students, faculty, and staff to exhibit professional dispositions through a:

*Commitment to the profession*

- Promoting exemplary practice
- Excellence in teaching and learning
- Advancing the profession
- Engagement in partnerships

*Commitment to honoring professional ethical standards*

- Fairness
- Honesty
- Integrity
- Trustworthiness
- Confidentiality
- Respect for colleagues and students

*Commitment to key elements of professional practice*

- Belief that all individuals have the potential for growth and learning
- Persistence in helping individuals succeed
- High standards
- Safe and supportive learning environments
- Systematic planning
- Intrinsic motivation

Reciprocal, active learning

- Continuous, integrated assessment
- Critical thinking
- Thoughtful, responsive listening
- Active, supportive interactions
- Technology-supported learning
- Research-based practice
- Respect for diverse talents, abilities, and perspectives
- Authentic and relevant learning

*Commitment to being a member of a learning community*

- Professional dialogue
- Self-improvement
- Collective improvement
- Reflective practice

- Responsibility
- Flexibility
- Collaboration
- Continuous, lifelong learning
- Commitment to democratic values and social justice*
  - Understanding systemic issues that prevent full participation
  - Awareness of practices that sustain unequal treatment or unequal voice
  - Advocate for practices that promote equity and access
  - Respects the opinion and dignity of others
  - Sensitive to community and cultural norms
  - Appreciates and integrates multiple perspectives

## **COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT STATEMENT OF EXPECTATIONS:**

All students must abide by the following:

- Students are expected to exhibit professional behavior and dispositions. See <http://gse.gmu.edu/facultystaffres/profdisp.htm> for a listing of these dispositions.
- Students must follow the guidelines of the University Honor Code. See <http://academicintegrity.gmu.edu/honorcode/> for the full honor code.

Please note that:

- o “Plagiarism encompasses the following:
  1. Presenting as one's own the words, the work, or the opinions of someone else without proper acknowledgment.
  2. Borrowing the sequence of ideas, the arrangement of material, or the pattern of thought of someone else without proper acknowledgment.”  
(from Mason Honor Code online at <http://mason.gmu.edu/~montecin/plagiarism.htm>)
- o Paraphrasing involves taking someone else’s ideas and putting them in your own words. When you paraphrase, you need to cite the source.
- o When material is copied word for word from a source, it is a direct quotation. You must use quotation marks (or block indent the text) and cite the source.
- o Electronic tools (e.g., SafeAssign) may be used to detect plagiarism if necessary.
- o Plagiarism and other forms of academic misconduct are treated seriously and may result in disciplinary actions.

- Students must agree to abide by the university policy for Responsible Use of Computing. See <http://www.gmu.edu/facstaff/policy/newpolicy/1301gen.html>. Click on responsible Use of Computing Policy at the bottom of the screen.

- Students with disabilities who seek accommodations in a course must be registered with the GMU Office of Disability Services (ODS) and inform the instructor, in writing, at the beginning of the semester. See <http://www2.gmu.edu/dpt/unilife/ods/> or call 703-993-2474 to access the ODS.

**Grading Scale**

A = 93-100%  
 A- = 90-92%  
 B+ = 88-89%  
 B = 80-87%  
 C = 70-79%  
 F = Below 70%

**Point Distribution**

Fieldwork Assignments:	30
Attendance and Participation:	10
Oral Presentation:	20
Application Project	30
Discussion on Bb	10
 TOTAL:	 100 points

**Tentative Course Schedule**

<u>Date</u>	<u>Topic/Assignments</u>
Sept 1	Introductions, Goals for the Semester Create a representation of an adolescent Research strategies used to study development Review texts and syllabus Assignment: Read Ch 1 and 2 AW and Case Study 40 O & M
Sept 8	Cognitive and Language Development English Language Learners Discussion of Case Study 40 O & M Form groups for presentations and schedule Assignment: Read Ch 3 and 11AW and Case Studies 48

and 24 O & M

- Sept 15 Self, Social and Moral Development  
Learner Differences and Motivation in Learning  
Discussion of Case Studies 48 and 24  
Group Presentation  
Assignment: Read Case Study 37 O & M
- Sept 22 Library Orientation Johnson Center Classroom  
Explore peer-reviewed articles for posting on Bb  
Assignment: Read Ch 4 AW and  
Case Study 24 & 37 O & M  
**Field Assignment #1 DUE**
- Sept 29 Out of class Bb assignment  
Assignment: Ch 6 AW and Case Study 25 O & M
- Oct 6 Behaviorist Views of Learning  
Discussion of Case Study 37, 24 and 25  
Group Presentation  
Discussion of Bb postings  
Assignment: Read Ch 5 AW and Case Study 33 O & M
- Oct 13 Diversity in the Classroom  
Discussion of Case Study 33  
Group Presentation  
Assignment: Read Ch 7 & 8 AW, Case Study 12 O & M
- Oct 20 Cognitive Processes  
Discussion of Case Study 12  
Group Presentation  
**Field Assignment #2 DUE**
- Oct 27 Out of Class Bb assignment  
Assignment: Read Ch 10 AW and Case Study 26 O & M
- Nov 3 Social Cognitive Views of Learning  
Discussion of Case Study 26  
Group Presentation  
Discussion of Bb postings  
Assignment: Read Ch 9 AW and Case Study 41 O & M

- Nov 10                      Constructivism and Cooperative Learning  
Discussion of Case Study 41  
Group Presentation  
Assignment: Read Ch 13 and 14AW
- Nov 17                      Effective Assessment Strategies  
Group Presentation  
**Field Assignment #3 DUE**  
Assignment: Read Ch 12 AW and Case Study 47 O & M
- Nov 24      THANKSGIVING - NO CLASS
- Dec 1                        Creating Effective Learning Environments  
Discussion of Case Study 47  
Group Presentation  
**Application Project DUE**  
**Class Evaluations**
- Dec 8                        Last Class-Wrap Up  
Review of Goals for the Semester