

<b>CLASS SCHEDULE—SPRING 2009</b>			
<b>Course Title:</b>		<b><i>ABSC 725: Research Methods and Application</i></b>	
<b>Instructor(s):</b>		Charles R. Greenwood, Ph.D., Professor of Applied Behavioral Science Blake Hansen, M.S., GRA	
<b>DATE</b>	<b>TOPIC</b>	<b>PREPARATION FOR THIS TOPIC</b>	<b>MEETING</b>
January 26, 2009	Overview and Course Introduction  Why Experiment?	Juniper Gardens Children's Project Mission and Purpose, online at <a href="http://www.jgcp.ku.edu/~jgcp/about/what/">http://www.jgcp.ku.edu/~jgcp/about/what/</a> History, online at <a href="http://www.jgcp.ku.edu/~jgcp/about/history/">http://www.jgcp.ku.edu/~jgcp/about/history/</a> Impact, online at <a href="http://www.jgcp.ku.edu/~jgcp/about/impact/">http://www.jgcp.ku.edu/~jgcp/about/impact/</a>	<b>1</b>
February 2, 2009	History of Single Case Research Design	Complete KU Human Subjects Protection Training (HSPT) online at <a href="http://www.rcr.ku.edu/hsc/hsp_tutorial/001.shtml">http://www.rcr.ku.edu/hsc/hsp_tutorial/001.shtml</a> Please hand in copy of Certification, next class  I. Background: Chapters 1, and 2 Kennedy Chapter 6, Shadish et al.  Blackboard Reading:  Baer, D. M., Wolf, M. M., & Risley, T. R. (1968). Some current dimensions of applied behavior analysis. <i>Journal of Applied Behavior Analysis, 1</i> , 91-97.  Wolf, M. M. (1978). Social validity: The case for subjective measurement or How applied behavior analysis is finding its heart. <i>Journal of Applied Behavior Analysis, 11</i> , 203-213.	<b>2</b>
February 9, 2009	Quantification and Measurement	III. Measurement: Chapters 6, 7, and 8 Kennedy Chapters 2 and 3 Shadish et al,	<b>3</b> HSPT Due

		EXCEL Graphing/Charting Methods	
February 16, 2009	Experimental questions; Functional Relations, and Replication	II. Strategic Issues: Chapters 3, 4 and 5 Kennedy Chapter 1 Shadish et al.	<b>4</b> Quiz # 1
February 23, 2009	Design tactics: ABAB (reversal) and multielement; Visual Data Analysis  (Guest Speaker—TBA)	IV. Design Tactics: Chapters 9, Kennedy V. Analyzing Data: Chapter 15, Kennedy  Blackboard:	<b>5</b>
March 2, 2009	Design Tactics (ABAB and Multi-element Designs)  (Guest Speaker—TBA)	IV. Design Tactics: Chapters 10, Kennedy Horner, R. H., Carr, E. G., Halle, J. W., McGee, G., Odom, S. L., & Wolery, M. (2005). The use of single-subject research to identify evidence-based practice in special education. <i>Exceptional Children</i> 7 (2), 165-179.	<b>6</b> Quiz # 2
March 9, 2009	More Design Tactics (Multiple Baseline and Repeated Acquisition Designs)  (Guest Speaker—TBA)	Chapters 11 and 12, Kennedy	<b>7</b>
March 16, 2009	SPRING BREAK	<b>NO CLASS</b>	

March 23, 2009	Quality Indicators and Research Synthesis  (Guest Speaker—TBA)	Campbell, J. F. (2004). Statistical comparison of four effect sizes for single-subject designs. <i>Behavior Modification</i> , 28(2), 234-246.  Shernoff, E. S., Kratochwill, T. R., & Stoiber, K. C. (2002). Evidence-based interventions in school psychology: An illustration of the task force coding criteria using single-participant research design. <i>School Psychology Quarterly</i> , 17(4), 390-422.	<b>8</b> Quiz # 3
March 30, 2009)	Topic: More Design Tactics (Brief- and Combo-Experimental Designs)  (Guest Speaker—TBA)	Chapters 13 and 14, Kennedy	<b>9</b>
April 6, 2009	Rigorous Group Experimental Designs	Chapter 7 Shadish - Regression Discontinuity Design (RDD)  Chapter 8 Shadish - Randomized Control Trials (RCTs)	<b>10</b>
April 13, 2009	Ethics in Human Experimentation	Chapter 16, Kennedy Chapter 9. Shadish et al. Blackboard: Revisit Wolf (1987) article	<b>11</b> Quiz # 4
April 27, 2009	Student Presentations	Additional Class Meetings Are Presentations and Discussions Led by Individual Students: Research Proposals/Projects	<b>12</b>

<p>May 4, 2009 Last Class</p>	<p>Student Presentations</p>	<p>Additional Class Meetings Are Presentations and Discussions Led by Individual Students: Research Proposals/Projects</p>	<p><b>13</b></p>
<p>MAY 15, 2009</p>	<p>PROJECTS DUE INSTRUCTOR</p>	<p><b>EMAIL PLEASE</b></p>	