Research is formalized curiosity. It is poking and prying with a purpose.
--Zora Neale Hurston

Special Education 6960-026
Introduction to Single Case Research Design
Summer 2014

Course Meeting Times: 9:00 am-3:30 pm (this will vary from day to day given the assignments and course requirements).
Dates: June 30, 2014- July 3, 2014
Locations: Bullfrog, St. George, Monticello and University of Utah 275 MBH.
Instructor: J. Matt Jameson
Contact: matt.jameson@utah.edu or 801-585-3742
Credits: 3 Credits

Course Objectives:
Course objectives will be met through a combination of lecture, class discussions, group discussions, quizzes and a written assignment. Students successfully completing SPED 6960-026 will be able to:

1) Understand the definitions/language and background of single subject research designs.
2) Understand the process of objectively defining behavior and how to measure the relevant dimensions of behavior.
3) Understand internal and external validity and reliability in single subject design and the major threats to research outcomes.
4) Be able to graph and interpret data.
5) Gain an understanding and be able to apply data graphing to practice and interpret intervention effects.
6) Gain an introductory level understanding of single subject research design procedures, including:
   a. Withdrawal and reversal designs
   b. Multiple baseline/probe designs
   c. Changing criterion designs
   d. Multiple treatment designs
   e. Alternating treatment designs

Class Format:

While classes may vary given the content or the quality of the discussions/Activities, class sessions will be guided by the following general structure:

9:00-11:00- Session Part 1
11:00-1:00- Lunch/Reading/Activity Break
1:00-3:30- Session Part 2

See daily activity breakdown and assignment/reading for specific activities on days during the course.
Grading for SPED 6960-026:

<table>
<thead>
<tr>
<th>Participation:</th>
<th>100 points</th>
</tr>
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<tbody>
<tr>
<td>Activities/Quizzes:</td>
<td>200 points</td>
</tr>
<tr>
<td>Final Project:</td>
<td>100 points</td>
</tr>
<tr>
<td>Total:</td>
<td>400 points</td>
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</tbody>
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Grades:
Grades will be assigned based on the percentage of points earned by the student based on the following distribution:

- **A = 94-100%**
- **B+ = 87-89%**
- **C+ = 77-79%**
- **D+ = 67-69%**
- **E = under 59%**

Policy on Late Work
Students are expected to submit assignments on the assigned date. If a student is aware of a calendar conflict, he or she must make PRIOR arrangements with the instructor. Late submissions without prior arrangements with the instructor will result in a **10% drop in points PER CALENDAR DAY.**

Attendance and Participation
Students are expected to attend all of the class sessions. If a class session is to be missed due to a legitimate reason beyond the student’s control, students are responsible for notifying the instructor in advance by phone or by email. To maintain an atmosphere of mutual respect, students are asked to not hold conversations while other students, the instructor, or other guest presenters are speaking. **If you chose to bring a laptop to class, please maintain its use for note taking only.** Also, students are asked to refrain from engaging in distracting behaviors such as text messaging, reading the paper, finishing last minute assignments or assignments for other classes, sleeping, etc. Finally, students are asked to turn off all cell phones during class unless there is a compelling reason to have them on which has been discussed with the instructor prior to the beginning of class.

Accommodations for Students with Disabilities
The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you need accommodations in the class, reasonable prior notice needs to be given to the **Center for Disability Services**, 162 Union Building, 581-5020 (V/TDD). CDS will work with you and the instructor to make arrangements for accommodations.

Faculty Responsibilities
All students are expected to maintain professional behavior in the classroom setting, according to the Student Code, spelled out in the Student Handbook. Students have specific rights in the classroom as detailed in Article III of the Code. The Code also specifies proscribed conduct (Article XI) that involves cheating on tests, plagiarism, and/or collusion, as well as fraud, theft, etc. Students should read the Code carefully and know they are responsible for the content. According to Faculty Rules and Regulations, it is the faculty responsibility to enforce responsible classroom behaviors, and I will do so, beginning with verbal warnings and progressing to dismissal from class and a failing grade. Students have the right to appeal such action to the Student Behavior Committee.
<table>
<thead>
<tr>
<th>Day/Session</th>
<th>Topic</th>
<th>Reading</th>
<th>Activity</th>
<th>Assignment</th>
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</thead>
</table>
| Day 1.1     | - Introductions and course overview  
- Program Advising and Support (comp exams)  
- Historical background on single subject research design. | Chapter 1 |                                                |                                      |
|             |                                                                      |          | Activity 1: [http://questgarden.com/84/34/6/090813090044/](http://questgarden.com/84/34/6/090813090044/) | Quiz 1 DUE END OF 1.2  
And create/use data sheets DUE END OF 2.2 |
| Day 1.2     | Defining What to Measure and How to measure it.  
- Data collection sheets  
- Frequency  
- Duration  
- Accuracy/Rate  
- Latency | Chapter 2 |                                                |                                      |
| Day 2.1     | Internal and External Validity                                      | Chapter 3 |                                                |                                      |
| Day 2.2     | Graphical Data Display and Analysis.                                | Chapter 4 | Activity 2 DUE END OF 3.2                      |                                      |
| Day 3.1     | Research Designs                                                    | Chapters 5 and 6 |                                                |                                      |
| Day 3.2     | Research Designs                                                    | Chapters 7 and 8 |                                                |                                      |
| Day 4.1     | Research Designs                                                    | Chapters 9 and 10 |                                                | Quiz 2 DUE END OF 4.1                 |
| Day 4.2     | Putting it all together.                                            |          |                                                | Final Assignment Due 7-18-2014        |