Course Title: Special Problems (Independent Study)
Speech Pathology Research in Outcomes and Treatment (SPROuT) - Neurofibromatosis

Course: CSAD 199-07
Units: 1
Day of the week: Mondays
Dates: January 23rd - May 8th, 2017
Class Time: TBD
Building/Room: Shasta Hall, 252
Instructor: Heather Thompson, Ph.D CCC-SLP
Office: Shasta Hall, 263
Office Hours: Thursdays 11:30-2:30PM
Contact Information: heather.thompson@csus.edu or 916/278-6654

PLACE OF COURSE IN PROGRAM
This independent study course is part of the SPROuT program and will be taken by undergraduate or post-bachelor students who are interested in acquiring hands-on research experience. Students will study within various stages of the research process, from contributing to study conception and design, conducting a literature review, collecting and analyzing data and/or presenting research results.

LEARNING OUTCOMES COMPETENCIES (CSAD 199):
Mastery of each student learning outcome listed below is indicated by a grade of C or better on each component of the corresponding measures listed in the table. Students are required to track their progress towards meeting each learning outcome and must make an appointment with the instructor for any grade equal to or less than a C. The instructor will suggest strategies to help you establish competence and knowledge in these areas.

Students should track their progress towards meeting each learning outcome by listing their grades on the table below over the course of the semester.

SPECIFIC STUDENT LEARNING OUTCOMES
Upon completion of this course the student will be able to:

1. Conduct a search of the literature using relevant keywords and search terminology
2. Review research articles appropriate for the study background and purpose
3. Present the results of the literature search in written and oral modalities
4. Contribute to study design under the guidance of faculty in the Department
5. Implement appropriate data collection procedures
6. Present study information via written or oral modalities with the following components: study background/purpose, methods, results and discussion

<table>
<thead>
<tr>
<th>Course Learning Outcome</th>
<th>Components Indicating Competence</th>
<th>Grades Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3, 5-6</td>
<td>Discussion during study sessions; midterm project; final project</td>
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<tr>
<td>4</td>
<td>Midterm project; final project</td>
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**PREREQUISITES:** CSAD 125, CSAD 126, CSAD 145 and a course in statistics

**COURSE OBJECTIVES**
The student is responsible for the following:

1. Preparing for and participation in weekly 1.0 hour study sessions
2. Completing weekly study objectives
3. Completing a written or oral final project as agreed-upon by the student and course instructor

**REQUIRED READINGS**
Journal articles, abstracted from CSUS library e-journals website, Google Scholar, and other online resources will be assigned based on the student’s individual project.

**COURSE POLICIES AND ASSIGNMENTS**

*Class Attendance:*
Attendance will be expected and roll will be taken. If you are unable to attend the study session, you must notify the instructor by email prior to the scheduled time. You are allowed to miss one class period, regardless of reason. If you miss more than the one class period, your class grade will decrease by one grade level for each additional absence (e.g., from “A” to “A-”). Please arrive **ON TIME** to the study session, as being punctual is a professional skill to develop and maintain.

*Due Dates for All Assignments:*
Due dates will be established by the student and instructor following discussion.

**The student’s final Grade will be computed as follows:**

<table>
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<tr>
<th>Literature Review/Data Collection</th>
<th>500 points</th>
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<tbody>
<tr>
<td>Final Project/Presentation</td>
<td>500 points</td>
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**GRADING POLICY**
Letter grades will be based upon the number of points received out of the total number of points possible and the following rubric:

| 95 - 100%------------------------A | 73 - 76%----------------------C |
| 90 - 94%------------------------A- | 70 - 72%----------------------C- |
| 87 - 89%------------------------B+ | 67 - 69%----------------------D+ |
| 83 - 86%------------------------B  | 64 - 66%----------------------D  |
| 80 - 82%------------------------B- | 60 - 63%----------------------D- |
| 77 - 79%------------------------C+ | Below 60%---------------------F |