

Contract Sample
CSD-Clinical Research
3 credit hour

Goals/Objectives

1. Develop deeper understanding of the anatomy and physiology of the vocal subsystems of respiration, phonation, and resonance and their dynamic nature.
2. Gain basic understanding of scientific instrumentation used to measure voice output.
3. Develop skills using specific programs to analyze voice output (MatLab, Praat, etc.)
4. Develop basic skills in data entry and manipulation with EXCEL.
5. Basic protocol development for laboratory procedures.

Tasks for completing objectives (with timelines)

1. Independent study of basic vocal function and discussion with PI
2. Hands-on use of clinical lab instrumentation
3. Hands-on experience and independent training through provided materials from PI.
4. Hands-on experience with current data and discussions with PI
5. Students will assist in writing out detailed laboratory protocols for current and related future lab needs.

Criteria, with percentages, for Assessment

- Objective 1 - 30 pts
- Objective 2 - 10 pts
- Objective 3 - 20 pts
- Objective 4 - 20 pts
- Objective 5 - 20 pts

90 + = A, 80-89 = B, 70-79 = C, etc.