CGS Agenda Item: 11-12
Effective: Fall 2011

Eastern Illinois University
**Course Proposal**
**CDS 5400**

**Please check one:** ☐ New course ☒ Revised course

## PART I: CATALOG DESCRIPTION

1. **Course:** CDS 5400
2. **Title:** Special Topics in SLP
3. **Long title:** Special Topics in Speech Language Pathology
4. **Class hours per week: 2-0-2**
5. **Term(s) to be offered:** On demand
6. **Initial term of offering:** Fall Spring Summer **Year:** 2011
7. **Course description (not to exceed four lines):** Intensive study of contemporary problems, issues, trends, and developments in the field of communication disorders.
8. **Registration restrictions:**
   a. **Identify any equivalent courses:** NA
   b. **Prerequisite(s):** Graduate degree seeking status in Communication Disorders and Sciences
   c. **Who can waive the prerequisite(s)?**
      ☐ No one ☒ Chair ☐ Instructor ☐ Advisor ☐ Other (Please specify)
   d. **Co-requisites** (course(s) which MUST be taken concurrently with this one): None
   e. **Repeat status:** Course may be repeated in different topics.
   f. **Degree, college, major(s), level, or class** to which registration in the course is restricted, if any: Graduate students
   g. **Degree, college, major(s), level, or class** to be excluded from the course, if any: Undergraduates and non-CDS graduate students
9. **Special course attributes:** None
10. **Grading methods** (check all that apply): X Standard letter
11. **Instructional delivery method: X lecture** ☐ lab ☐ lecture/lab combined ☐ independent study/research ☐ internship ☐ performance ☐ practicum or clinical ☐ study abroad **X other**

## PART II: ASSURANCE OF STUDENT LEARNING

Sample Course Objectives and Outline: Special Topic in SLP – Neurosicence for SLP

1. **List the student learning objectives of this course:**
   **A.** The student will:
      1. Name and describe internal and external brain structures and functions.
      2. Name and describe cranial nerves and their functions.
      3. Name and describe sensory and motor pathways and their functions.
      4. Explain human neurophysiology of perception, attention, motivation, emotion, and memory.
      5. Describe neuroimaging techniques and interpret basic neuroimages.

6. Explain the impact of neuroplasticity on the developing and aging human brain.
7. Determine neuroanatomical and neurophysiological correlates of a variety of pathological conditions/diseases.

**B. If this is a graduate-level course, indicate which objectives are designed to help students achieve established goals for learning at the graduate level:**

- **Depth of content knowledge:** 1,2,3,4,5,6,7
- **Effective critical thinking and problem solving:** 4,6,7
- **Effective oral and written communication:** 4,7
- **Advanced scholarship through research or creative activity: 4,6,7**

**C. Identify the assignments/activities the instructor will use to determine how well students attained the learning objectives:**

| Objectives | Neuroanatomy Assignments | Neurophysiology: Case Studies | Midterm Exam | Topical Paper | Powerpoint Presentation | Final Exam |
|---|---|---|---|---|---|---|
| 1. Name and describe internal and external brain structures and functions. | * | * | * | | | * |
| 2. Name and describe cranial nerves and their functions. | * | * | * | | | * |
| 3. Name and describe sensory and motor pathways and their functions. | * | * | * | | | * |
| 4. Explain the neurophysiology of perception, attention, motivation, emotion, and memory. | | * | | * | * | * |
| 5. Describe neuroimaging techniques and interpret neuroimages. | * | * | | | | * |
| 6. Explain the impact of neuroplasticity on the developing and aging human brain. | | | | * | | * |
| 7. Determine neuroanatomical and neurophysiological correlates of a variety of pathological conditions/diseases. | | * | | * | * | * |

1. **Explain how the instructor will determine students' grades for the course:**

| | |
|---|---|
| Neuroanatomy assignments (3 @ 10 pts) | 30 points |
| Neurophysiology assignments (2 @ 20 pts) | 40 points |
| Topical paper | 50 points |
| Powerpoint Presentation | 30 points |
| Midterm Exam | 100 points |
| Final Exam | 150 points |
| TOTAL POINTS | 400 points |

2. **For technology-delivered and other nontraditional-delivered courses/sections, address the following:**
   a. **Describe how the format/technology will be used to support and assess students' achievement of the specified learning objectives:**

   Students will be able to view class lectures at their convenience and submit projects electronically. Feedback will be provided through email and electronic editorial comments.

   b. **Describe how the integrity of student work will be assured:**

   Exams will be given with a time limit that will not allow for extensive consultation with notes or materials. Topical papers will be evaluated for originality via TurnItIn.

   c. **Describe provisions for and requirements of instructor-student and student-student interaction, including the kinds of technologies that will be used to support the interaction (e.g., e-mail, web-based discussions, computer conferences, etc.):**

   Students will be required to listen to recorded lectures via WebCT, submit documents electronically via WebCT or email, and post/discuss their powerpoint presentations and topical papters via WebCT. Exams will be conducted via WebCT.

3. **For courses numbered 4750-4999, specify additional or more stringent requirements for students enrolling for graduate credit.** **NA**

4. **If applicable, indicate whether this course is writing-active, writing-intensive, or writing-centered, and describe how the course satisfies the criteria for the type of writing course identified. (See Appendix *.)** **NA**

## PART III: OUTLINE OF THE COURSE

**Provide a week-by-week outline of the course's content:**

Sample Course: Special Topic in SLP – Neurosicence for SLP

| | |
|---|---|
| Week1 | Central, peripheral, and autonomic nervous systems |
| Week 2 | Surface anatomy of the brain, brainstem, cerebellum |
| Week 3 | Internal anatomy of the brain, brainstem, cerebellum |
| Week 4 | Nourishment and protection of the central nervous system; Cranial nerves |
| Week 5 | Motor and sensory pathways |
| Week 6 | Neuroplasticity of the developing and aging brain |

| | |
|---|---|
| Week 7 | Neuroimaging and its applications |
| Week 8 | Midterm Exam |
| Week 9 | Neuroscience of perception |
| Week 10 | Neuroscience of attention |
| Week 11 | Neuroscience of motivation |
| Week 12 | Neuroscience of emotion |
| Week 13 | Neuroscience of memory |
| Week 14 | Case studies: Identify neuropathology based on symptoms |
| Week 15 | Case studies: Predict symptoms based upon neuropathology |
| Week 16 | Final Exam |

## PART IV: PURPOSE AND NEED

1. **Explain the department's rationale for developing and proposing the course.**
   This is a revision of a course currently delivered via the CDS curriculum; however, it is being revised for online delivery in distance education. The Special Topics course is designed to present pertinent information in communication disorders areas by expanding on topics introduced in required core curriculum courses.

2. **Justify the level of the course and any course prerequisite, co-requisites, or registration restrictions**. This course contains advanced content and is intended for students who are enrolled in graduate education. Undergraduates who qualify may enroll in the course in compliance with graduate school procedures.

3. **If this course is similar or an existing course or courses, justify its development and offering**.
   Content will vary based on specific topic, but will not significantly overlap with any existing courses.

4. **Impact on Program(s):** This course is an elective at the graduate level.

## PART V: IMPLEMENTATION

1. **Faculty member(s) to whom the course may be assigned:**
   The course will be rotated among faculty members, depending on the subject matter of the course.

2. **Additional costs to students:** None

   **Include those for supplemental packets, hardware/software, or any other additional instructional, technical, or technological requirements. (Course fees must be approved by the President's Council.)**

3. **Text and supplementary materials to be used (Include publication dates):**
   Text and/or supplementary materials will be chosen by individual instructor. A copy will also be available on reserve at the library.

## PART VI: COMMUNITY COLLEGE TRANSFER

NA

## PART VII: APPROVALS

**Date approved by the department or school: 12-8-10**

**Date approved by the college curriculum committee: January 14, 2011**

**Date approved by CGS:**