Course Outline

COURSE: CSIS 573  DIVISION: 30  ALSO LISTED AS: 

TERM EFFECTIVE: Spring 2015  CURRICULUM APPROVAL DATE: 10/13/2014 

SHORT TITLE: ACT FOR READING 

LONG TITLE: Assistive Computer Technology for Reading 

<table>
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<th>Units</th>
<th>Number of Weeks</th>
<th>Type</th>
<th>Contact Hours/Week</th>
<th>Total Contact Hours</th>
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<td>.5 OR 1</td>
<td>18</td>
<td>Lecture:</td>
<td>.5 OR 1</td>
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<td>Lab:</td>
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<td>Total:</td>
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COURSE DESCRIPTION:

This course provides instruction in effective use of assistive computer technology for reading assistance. Students with disabilities will learn how to use software programs such as text-to-speech for improving reading skills. Special emphasis will be placed on reading comprehension, reading fluency, reading vocabulary and study skills. ADVISORY: Completion of Guidance 557 or demonstrated deficit in reading or written language achievement.

PREREQUISITES: 

COREQUISITES: 

CREDIT STATUS: C - Credit - Degree Non Applicable 

GRADING MODES 

P - Pass/No Pass 

REPEATABILITY: R - Course may be repeated 

Maximum of 99 times 

SCHEDULE TYPES: 

02 - Lecture and/or discussion 

STUDENT LEARNING OUTCOMES: 

1. Students will display correct usage of reading and study skills tools of text-to-speech software. 

Measure: Lab exercises, demonstration, written report 

PLO: 12/15/2014
2. Students will apply study skills software tools to highlight main ideas and essential supporting details in content area reading.
   Measure: Lab exercises, demonstration, written report
   PLO:
   ILO: 7, 2, 1
   GE-LO:
   Anticipated Year of Assessment: 2015

3. Students will utilize the text-to-speech dictionary and thesaurus to increase reading vocabulary.
   Measure: Lab exercises, written report, homework
   PLO:
   ILO: 6, 7, 1
   GE-LO:
   Anticipated Year of Assessment: 2015

4. Students will explore the text-to-speech software features for reading the web and accessing various types of course materials.
   Measure: Lab exercises, written report, final project
   PLO:
   ILO: 6, 7, 2
   GE-LO:
   Anticipated Year of Assessment: 2015

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS
Curriculum Approval Date: 10/13/2014
Note: Students who repeat this course will study new and advanced techniques for text-to-speech software. Supervised instruction will increase student skills in reading assistance utilizing the technologies.

1-2 Hours Content: Introduction and Text-to-Speech Software Demonstration (Kurzweil 3000); Login information - at home or on campus SPO: Students will learn how to access the Kurzweil 3000 program.
Out-of-Class Assignments: Video tutorials


1-2 Hours Content: C. Setting Preferences for voice, reading speed, print size SPO: Students will personalize their reading preferences within the text-to-speech programs. Out-of-Class Assignments: Written report of Kurzweil preferences Content: D. Text-to-Speech Reading Tools. 1. Read/Pause or Start/Stop Reading 2. Using the Dictionary and Thesaurus 3. Adding Bookmarks in Kurzweil 3000 SPO: Students will explore the reading features within the Kurzweil 3000 program. Out-Class-Assignments: Video tutorials

1-3 Hours Content: F. Text-to-Speech Study Skills Tools.1. Highlighting main ideas, supporting details, and vocabulary words 2. Highlighting Text - How to highlight, erase, organize your highlights, and extracting highlights to column notes 3. Extracting annotations 4. Creating Text Notes, Sticky Notes, Bubble Notes and
Footnotes SPO: Students will explore the many study skill features within the Kurzweil 3000 program. Students will read selected documents and highlight main ideas and important details. Out-of-Class Assignments: Video tutorials, concept quiz

1-2 Hours Content: Work with the Read & Write User Interface. A. Using the Toolbars 1. All Features 2. Reading Features 3. Writing Features 4. Research Features 5. Study Skills Features 6. My Features - Customizing or creating your own toolbar SPO: Students will explore the various toolbars of the Read & Write program. Out-of-Class Assignments: Video tutorials, concept quiz


1-3 Hours Content: Introduction of other assistive computer technology programs that provides reading assistance such as: WYNN, Firefly and SkillsTutor. SPO: Students will explore various programs that will assist with their reading skills. Out-of-Class Assignments: Access one of the new programs, report their experience.

2 Hours Final exam

METHODS OF INSTRUCTION:
Weekly lecture with demonstration using the assistive computer technologies, handouts, in-class lab assignments, hands on exercises, practice and discussion of assigned exercises, individual assistance with additional review and practice, quizzes, and final exam.

METHODS OF EVALUATION:
Category 1 - The types of writing assignments required:
Percent range of total grade: 10 % to 20 %
Written Homework
Lab Reports

Category 2 - The problem-solving assignments required:
Percent range of total grade: 20 % to 40 %
Lab Reports
Quizzes

Category 3 The types of skill demonstrations required:
Percent range of total grade: 20 % to 40 %
Class Performance/s
Performance Exams

Category 4 - The types of objective examinations used in the course:
Percent range of total grade: 10 % to 20 %
Multiple Choice
True/False
Matching Items
Completion

Category 5 - Any other methods of evaluation:
Percent range of total grade: 0 % to %

REPRESENTATIVE TEXTBOOKS:
ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:
CSU GE:
IGETC:
CSU TRANSFER:
   Not Transferable
UC TRANSFER:
   Not Transferable

SUPPLEMENTAL DATA:
Basic Skills: N
Classification: Y
Noncredit Category: Y
Cooperative Education:
Program Status: 2 Stand-alone
Special Class Status: S
CAN:
   CAN Sequence:
CSU Crosswalk Course Department:
CSU Crosswalk Course Number:
Prior to College Level: Y
Non Credit Enhanced Funding: N
Funding Agency Code: Y
In-Service: N
Occupational Course: E
Maximum Hours: 1
Minimum Hours: .5
Course Control Number:
Sports/Physical Education Course: N
Taxonomy of Program: 493032