Psychology 5700
Training in Science Education Outreach
Spring 2015

Attention!

This is a representative syllabus. The syllabus for the course when you enroll may be different. Use the syllabus provided by your instructor for the most up-to-date information. Please refer to your instructor for more information for the specific requirements of a given semester.

Course Objectives:
This course provides hands-on training in language science outreach at the Center of Science and Industry (COSI @ http://cosi.org/). Students will work at the Language Pod, the COSI Lab in Life that is devoted to study of the science of language. Labs in Life is a research-in-real-time exhibit located inside the Life exhibition at COSI (http://www.cosi.org/exhibits/life). Students will learn about several ongoing research projects within the exhibit and about critical background concepts from linguistics. Students will learn about informal science learning and be trained in how to communicate language sciences information to the COSI public, including child and adult visitors. Students will spend a significant portion of their time at COSI actively engaged in explaining the language research to visitors, conducting demonstrations about language science, and assisting in recruitment for the research studies.

Pre-Requisites:
All students must have permission of the instructor to enroll.

Course Materials:
REQUIRED:
• Assorted articles (available on the Carmen site)

OPTIONAL:
• Linguistics Department (2011) The Language Files. Columbus, OH: Ohio State University Press. (This is the 11th edition, but you may find older editions to be helpful.)

Course Requirements:
This course requires a large time commitment and a willingness to take responsibility for doing independent work. If you do not have the time or the interest to meet all of the following requirements, please do NOT take this course. You will receive a letter grade in this course that reflects both your participation in all required activities as well as the quality of your performance in those activities.
• **Attendance (25% of your grade).** You are expected to attend all scheduled classes as well as all your independently scheduled COSI hours. For in-class hours, please note that you must not only attend, but be prepared and be an active participant in class.

In addition, you will also be scheduling hours to work out at COSI – the specific hours are listed in the syllabus, but in general, you will be working between 2 and 4 hours per week at the museum. See the scheduling handout for full instructions about how to choose your hours and use the hours tracking program.

It is **UNACCEPTABLE** for you to skip class or to skip your scheduled COSI hours. You will have some control over when to schedule your COSI times and you are expected to choose times that you can make. If you miss more than two class meetings or two COSI shifts you may lose ALL of your attendance points.

• **Participation Assignments (25% of your grade).** Over the semester, there will be a variety of small assignments for you to turn in. These will each be graded as PASS/FAIL based on whether you turned them in on-time and made a good-faith effort to do them right. These assignments are described in detail on the Carmen site and deadlines are listed in the schedule below. Each of these 8 assignments has equal weight:
  -- COSI Worksheet
  -- First Shift Reflection Paper
  -- Practice demonstration with Macy
  -- Post at least THREE times to the “Demonstrations” discussion on Carmen
  -- Create one Pod Slide
  -- Submit content for 1 facebook post (schedule tba)

• **Written Assignments (30% of your grade).** There will be a series of short written assignments designed to assess your understanding of the range of activities we do in the class; each one is worth 10% of your grade. These assignments are described in detail on the Carmen site and deadlines are listed in the schedule below. Be sure to review the handout about formatting guidelines for assignments that you turn in to me.
  -- Language Myth Write-up
  -- Demonstration Comparison Paper
  -- Demonstration Guidelines Writeup

• **Field Observation (20% of your grade).** Part of your COSI responsibilities involve talking to the visitors at COSI. You will be observed by me at least once at COSI interacting with visitors and will be graded on your performance in the field.

**Grading:**
The following grade pattern will be used:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage Range</th>
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<tbody>
<tr>
<td>A</td>
<td>93 - 100</td>
</tr>
<tr>
<td>A-</td>
<td>90 - 92</td>
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<tr>
<td>B+</td>
<td>87 - 89</td>
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<td>B</td>
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<td>B-</td>
<td>80 - 82</td>
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<td>C+</td>
<td>77 - 79</td>
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<td>C</td>
<td>73 - 76</td>
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<tr>
<td>C-</td>
<td>70 - 72</td>
</tr>
<tr>
<td>D</td>
<td>60 - 69</td>
</tr>
<tr>
<td>E</td>
<td>below 60</td>
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</tbody>
</table>

**Technology:**
This course requires computer use and internet access. I will post assignments, readings, web sites, grades, & other information for the class on Carmen. Periodic announcements will be sent via EMAIL, and I will be using the email address linked to your Carmen account (this is almost always your OSU email address). **I expect you to check this email address once a day and to respond promptly to any email requests you receive.**

**ODS Statement:**
Any student who feels s/he may need and accommodation based on the impact of a disability should contact the instructor privately to discuss specific needs. The Office of Disability Services is relied upon for assistance in verifying the need for accommodations and developing accommodation strategies. Please contact the ODS at 614-292-3307 (V) or 614-292-0901 (TDD), located in room 150 Pomerene Hall and on the web at http://www.ods.ohio-state.edu/, to coordinate reasonable accommodations for students with documented disabilities.

**Academic Misconduct:**
The Ohio State University’s Code of Student Conduct (Section 3335-23-04) defines academic misconduct as: “Any activity that tends to compromise the academic integrity of the University, or subvert the educational process.” Examples of academic misconduct include (but are not limited to) plagiarism, collusion (unauthorized collaboration), copying work of another student, possession of unauthorized materials during an examination. Ignorance of the University’s Code of Student Conduct is never considered and “excuse” for academic misconduct. If I suspect that a student has committed academic misconduct in this course, I am obligated by University Rules to report my suspicions to the Committee on Academic Misconduct. If COAM determines that you have violated the University’s Code of Student Conduct, the sanctions for the misconduct could included a failing grade in this course and suspension or dismissal from the University. For additional information, see the Code of Student Conduct (http://studentaffairs.osu.edu/info_for_students/csc.asp).

**Grievances and Solving Problems:**
According to University Policies, available from the Division of Student Affairs, if you have a problem with this class, you should seek to resolve a grievance concerning a grade or academic practice by speaking first with the professor. Then, if necessary, with the department chairperson, college dean, and provost, in that order. Specific procedures are outlined in Faculty Rule 3335-7-23, which is available from the Office of Student Life, 208 Ohio Union.

**Statement on Diversity:**
The College of Education and Human Ecology affirms the importance and value of diversity in the student body. Our programs and curricula reflect our multicultural society and global economy and seek to provide opportunities for students to learn more about persons who are different from them. Discrimination against any individual based on protected status, which is defined as age, color, disability, gender identity or expression, national origin, race, religion, sex, sexual orientation, or veteran status, is prohibited.
<table>
<thead>
<tr>
<th>Class Schedule</th>
<th>Hours at COSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 13  Class (campus)</td>
<td></td>
</tr>
<tr>
<td>Jan 20  Class (campus)</td>
<td></td>
</tr>
<tr>
<td>Jan 27  Class – AT COSI</td>
<td>Jan 28 – Feb 8</td>
</tr>
<tr>
<td>Feb 3    No class</td>
<td>Feb 8</td>
</tr>
<tr>
<td>Feb 10   Class (campus)</td>
<td>Feb 11 – Feb 22</td>
</tr>
<tr>
<td>Feb 17   No class</td>
<td>Feb 22</td>
</tr>
<tr>
<td>Feb 24   Class (campus)</td>
<td>Feb 23 – Mar 8</td>
</tr>
<tr>
<td>Mar 3    No class</td>
<td>Mar 8</td>
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<tr>
<td>Mar 10   Class (campus)</td>
<td></td>
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<tr>
<td>Mar 17   No Class: Spring Break</td>
<td>Mar 9 – Mar 29</td>
</tr>
<tr>
<td>Mar 24   No Class</td>
<td>Mar 29</td>
</tr>
<tr>
<td>Mar 31   Class (campus)</td>
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<tr>
<td>Apr 7    No Class</td>
<td>Apr 12</td>
</tr>
<tr>
<td>Apr 14   No Class</td>
<td>Apr 21</td>
</tr>
<tr>
<td>Apr 21   Class (campus)</td>
<td>Apr 3 – May 3</td>
</tr>
<tr>
<td>Finals</td>
<td></td>
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</tbody>
</table>
Schedule In Detail (with assignments!)

**TUESDAY, Jan 13th**
- **Before you come:** Nothing to prepare.
- **In class:**
  - Introduction to course and all course requirements
  - What's on Carmen and how to work with it
  - Discussion of Pod Talking Points
  - Basic overview of Linguistics
  - (Info on Study to Evaluate the course)
- **Turn in:** Nothing to turn in.
  
  *I will be giving everyone in class 2 Free passes to visit COSI (so you can complete your COSI worksheet – due in 2 weeks!)*

**TUESDAY, Jan 20th**
- **Before you come:**
  - Complete your CITI/COI Training (see handout for directions)
  - Read General Demo Advice AND Guidelines for Larynx & Singing Fingers
  - Read in Crystal: Chapters 1 - 11 (general info and spoken language)
  - Read Bray et al. (2012) and Bell et al. (2009)
  - Read at least 3 language myths
- **In class**
  - Informal Science: Discuss Bray and Bell
  - Discussion of Language Myths (Prep for paper)
  - Demo Practice: Linguistics and How-to for Speech Production
- **Turn in:** Complete CITI/COI. I’ll check that you did this online.

**TUESDAY, Jan 27th MEET AT COSI!!**
- **Before you come:**
  - Log into Shiftplanning and make sure you know how to sign up for a shift! (See instructions on Carmen.
  - Read in Crystal: Chapters 41 – 44 (Discourse)
  - Read Pod Manual AND Checklist for arriving at pod
- **In class**
  - TOUR of Pod and of COSI
  - COSI On-Boarding: Terry Gregoroff (COSI’s Manager of Volunteer and Community Resources)
  - COSI Training to talk to visitors: Joe Wood (COSI’s Manager of Health and Medicine Programs)
- **Turn in:** Language Myth Write-up AND COSI Worksheet
**COSI HOURS: You must complete 4 hours at COSI between Weds 1/28 and Sunday 2/8**

**TUESDAY, Feb 3rd**  
NO CLASS THIS WEEK!

**TUESDAY, Feb 10th**  
• **Before you come:**  
  Read Allen & Gutwill (2009)  
  Read in Crystal: Chapters 13 & 14, 31-35, 40 (Words and Language Acquisition)  
  Read Guidelines for Word Learning and Wugs AND Recruitment Guidelines  
  Read COSI's policy on social media, the Facebook assignment, and the Tips assignment  
  
  • **In class**  
    Research at the Pod I: Overview of Studies, Recruitment  
    Informal Science: Allen & Gutwill  
    Demonstration Practice: Word Learning and Wugs  
    Signup for facebook post week  
  
  • **Turn in:**  
    First Shift Reflection Paper  

SIGN UP FOR A WEEK TO TURN IN YOUR FACEBOOK POST.  
FEEL FREE TO START POSTING COMMENTS ON THE DEMO DISCUSSION BOARDS IN CARMEN!

**COSI HOURS: You must complete 6 hours at COSI between Weds 2/11 and Sunday 2/22**

**TUESDAY, Feb 17th**  
NO CLASS THIS WEEK!

**TUESDAY, Feb 24th**  
• **Before you come:**  
  Read Trueswell 2012  
  Read about the Flame Challenge (be sure to check out some previous winning entries and advice from 11 year olds!):  
  Read in Crystal:  
  Chapters 16 - 24 (Written Language)  
  Read Guidelines for the Stroop demo  
  
  • **In class**  
    Research at the Pod II: Eye-tracking  
    Informal Science: Accessible Science Communication  
    Demonstration Practice: Stroop  
  
  • **Turn in:**  
    Nothing to turn in this week  

SCHEDULE A TIME WITH MACY (ucchino.5@buckeyemail.osu.edu)  
TO DO A PRACTICE DEMO
COSI HOURS: You must complete 6 hours at COSI between Monday 2/23 and Sunday 3/8

TUESDAY, Mar 3\textsuperscript{rd}
NO CLASS THIS WEEK!

TUESDAY, Mar 10\textsuperscript{th}
• **Before you come:** Send me your Pod Slide  
  Read/Review in Crystal:  
  Chapters 25 – 26 (Sign Language)  
  Chapters 27 – 30 and 36 – 39 (Syntax and Processing)  
  Read Guidelines for Trick Sentences, ASL Iconicity

• **In class**  
  Go through the Pod Slides  
  Continue discussion of accessible communication  
  Discuss how to connect demos to each other, to COSI, and to life

• **Turn in:** Pod Slide

COSI HOURS: You must complete 6 hours at COSI between Monday 3/9 and Sunday 3/29

TUESDAY, March 17\textsuperscript{th}
NO CLASS THIS WEEK: HAPPY SPRING BREAK!!

TUESDAY, March 24\textsuperscript{th}
NO CLASS THIS WEEK!

TUESDAY, Mar 31\textsuperscript{st}
• **Before you come:** Read Falk & Storksdieck (2010)  
  Read materials related to little kidspace  
  Read guidelines for one new demonstration

• **In class**  
  Discussion of little kidspace initiatives  
  Discussion of Falk & Storksdieck  
  Demo problems and trouble-shooting

• **Turn in:** Demo Comparison Paper

_Macy will be turning in grades for practice demonstrations! Make sure you've done yours before today!!_
COSI HOURS: You must complete 6 hours at COSI between Monday 3/30 and Sunday 4/12

TUESDAY, April 7th
NO CLASS THIS WEEK!

COSI HOURS: You must complete 8 hours at COSI between Monday 4/13 and Sunday 5/3 (note the extra hours AND the extra week!)

EXPECT THAT I WILL BE OBSERVING YOU IN THE FIELD AT SOME POINT DURING THESE THREE WEEKS!

TUESDAY, April 14th
NO CLASS THIS WEEK!

TUESDAY, April 21st
• Before you come: Nothing to prepare

• In class
  In-class Evaluation
  Discuss your demo guideline

• Turn in:
  New Demonstration Guidelines

AND:
You must have completed your Demo Discussion posts by Monday April 27th.