

**Communication Sciences & Disorders 846**  
**Lab: Human Balance System**  
**University of Wisconsin AuD Program**  
**Fall 2023**

**Meeting Times & Locations**

Days: Wednesday/Balance Lab (CPS 031)

Time: 2:30 – 4:30pm

**Instructor Information**

Rachel Craig, Au.D.

CPS 046B

[rcraig@uwsp.edu](mailto:rcraig@uwsp.edu)

Office: 715-346-4018

Cell: 715-803-5281(texting is allowed)

Office Hours: 10am-12pm on Mondays & Wednesdays, or by appointment.

**Course Materials**

Required Textbook:

Jacobson, G. P., Shepard, N. T., Barin, K., Janky, K., McCaslin, D., & Burkard, R. F. (2021). Balance function assessment and management: Third edition. ProQuest Ebook Central <https://ebookcentral.proquest.com>

Other Readings may be assigned and posted on CANVAS.

Online course management:

Canvas <https://www.uwsp.edu/Canvas/Pages/default.aspx>

**Course Description**

ComD 846: Training to perform and analyze results of electronystagmography (ENG) and videonystagmography (VNG) examinations, and practice canalith repositioning maneuver. Observe administration of rotational and posturography tests.

Prerequisites: ComD: 850, 851, 852, concurrent registration in 845.

**Course Objectives**

1. Students will perform all components of the VNG & VEMP test battery on an adult.
2. Students will correctly analyze and interpret VNG and vestibular assessment results.

**ASHA Knowledge/Skill Requirements**

**Students will demonstrate competency by obtaining passing grades on all lab assignments, as well as demonstrating the skill(s) during a practical exam.**

- C4: Identifying, describing, and differentiating among disorders of the peripheral and central auditory systems and the vestibular system
- C14: Selecting, performing, and interpreting vestibular testing, including electronystagmography (ENG)/videonystagmography (VNG), ocular vestibular-evoked myogenic potential (oVEMP), and cervical vestibular evoked myogenic potential (cVEMP)
- E26: Providing canalith repositioning for patients diagnosed with benign paroxysmal positional vertigo (BPPV)
- E27: Providing intervention for central and peripheral vestibular deficits

### Course Structure

#### Labs:

Students will meet once per week for approximately 2 hours. Labs will include a discussion of the previous/current 845 class topic. Equipment and instrumentation will be explored, including consultation of manuals. Students will work with the instructor during the lab session to practice assessment and management, learn how to use the equipment, analyze, and interpret results, and discuss applications. Assignments will be given for students to demonstrate comprehension of assessment, management, and interpretation.

### Grading

<b>UW – SP</b> Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	F
<b>Percentage</b>	100-93.00	92.99-90.00	89.99-88.00	87.99-82.00	81.99-80.00	79.99-78.00	77.99-72.00	71.99-70.00	69.99-68.00	67.99-60.00	<60
<b>UW – Madison</b> Letter Grade	A	A-B		B	B-C		C	C-D		D	F

Your final grade will be determined by the percent of points you earn out of a possible 424:

<b>Assessment</b>	<b>Number</b>	<b>Points</b>	<b>Total Points</b>	<b>%</b>
Labs	10	10	100	23.58
Practice Hours	10	10	100	23.58
Practical Exam	1	200	200	47.17
Attendance/Participation			24	5.66
			424	100.00

Refer to the course schedule for due dates of assessments. This schedule is tentative and subject to change. Any changes will be announced in class. Also refer to Canvas for announcements.

Any changes will be announced in lab, over Canvas, or via e-mail.

When assignments are given, instructions will indicate if each individual or if groups of individuals are required to turn in assignments/reports. Anything that is turned in must represent your own individual work, in your own words. If turning in a group assignment, groups must turn in their own individual work, in their own words.

#### Late assignments:

**Late assignments will not be accepted unless approved by the instructor in advance.**

### Academic Conduct

You are responsible for keeping track of points earned on assessments in case there is a discrepancy between your records and the instructor's records. All discrepancies must be brought to the attention of the instructor by the time of the final examination.

Please refer to the Division of Student Affairs for a description of your rights and responsibilities:  
<http://www.uwsp.edu/stuaffairs/Pages/rightsandresponsibilities.aspx>

Please refer to UWSP Academic Affairs for other information pertaining to academic conduct; in particular, see the University handbook.  
<http://www.uwsp.edu/acadaff/Pages/handbook.aspx>

**Canvas for this course is linked to turnitin.com for plagiarism detection.**

### **Academic Misconduct:**

Academic misconduct will not be tolerated, and the UWSP Student Misconduct procedures will be followed for any instances of academic misconduct.

### **Other General Policies**

#### Accommodation for Religious Beliefs:

I will accommodate religious beliefs according to UWS 22.03 if you notify me within the first 3 weeks of the semester regarding specific dates with which you have conflicts.

#### Accommodation for disability or special learning needs:

If any student has a documented disability and requires accommodations in meeting these requirements, please see me as early as possible in the semester to discuss accommodations. Please note that I cannot apply accommodations retroactively to a class requirement that you've already completed. Thus, if you are unsure whether or not you need an accommodation, it is best to discuss the possibility with me beforehand, and we can then decide the best way to proceed.

#### Regarding the Use of On-Line/Electronic Means to Hand in Assignments:

This course will utilize Canvas. Any known problems with the Canvas system (e.g., if the system is down) will be acknowledged and addressed if/as these problems arise. However, problems with Canvas or other computer problems will not be recognized as a valid reason for not turning in other assignments by the assigned date/time. For example, a computer crash is not an acceptable reason for not turning in your assignment. If computer problems persist, you may turn in a paper copy to the instructor, or to the instructor's mailbox in CPS, or email.

Plan ahead and be organized to minimize computer difficulties.

Save your work early & often, and back it up.

UWSP Information Technology has a help desk, <http://www.uwsp.edu/infotech/Pages/default.aspx>, and can be reached by phone at 715-346-4357.

See their information regarding computer labs on campus and other topics:

<http://www4.uwsp.edu/it/students.aspx>

#### Regarding the Use of Computers/Tablets & Assorted Electronics/Devices During Class:

In general, computers/tablets may be used as note-taking devices. However, if this privilege is abused (e.g., g-chat, other assorted non-class activities, or if these devices become a distraction to students and/or the instructor), this privilege may be revoked at any time by the instructor. Phones are expected to be off/silent and not used during class! If you are using any other sort of electronics/device, check with the instructor regarding the policy.

**Professionalism:**

This class is part of your training for your professional career. Professional behavior and attitude are expected. This includes, but is not limited to, respect and tolerance of others, and acting responsibly and with integrity.

For examples of Codes of Ethics for Speech and Hearing Professionals, see:  
American Academy of Audiology Code of Ethics

<http://www.audiology.org/resources/documentlibrary/Pages/codeofethics.aspx>

Or

American Speech-Language Hearing Association Code of Ethics

<http://www.asha.org/policy/ET2010-00309/>

**Please communicate any other concerns or accommodation requests to the instructor.**

**Communicative Disorders 846  
Lab: Human Balance System Schedule  
Fall 2023**

I, the instructor, reserve the right to change the lab schedule. Schedule may change, but the practical exams will not.

<u>Date of Meeting</u>	<u>Topic/Test Covered</u>	<u>Assignment (Due by the following lab meeting. See Canvas for due dates &amp; times.)</u>
9/13/2023	Intro to equipment	NONE
9/20/2023	Case History	Lab 1: Case Hx
9/27/2023	Bedside assessments	Lab 2: Bedside Tests
10/4/2023	VOR exercise	Lab 3: VOR write-up
10/11/2023	Intro to VNG (Full)	NONE
10/18/2023	VNG (Oculomotor)	Lab 4: Saccade, Pursuit, OPK, Gaze
10/25/2023	VNG (Positional/ing) & Dix-Hallpike/CRM	Lab 5: Positional, Dix-Hallpike, CRMs
11/1/2023	Calorics	Lab 6: Calorics
11/8/2023	VEMPs	Lab 7: VEMPs
11/15/2023	vHIT	Lab 8: vHIT
<b>11/22/2023</b>	<b>No Lab Meeting</b>	<b>NONE</b>
11/29/2023	Cases	Lab 9: Case Write-ups
12/6/2023	3 scheduled Practical Exams	Lab 10 (full report template)
12/13/2023	2 scheduled Practical Exams	

**\*\*All assignments are due at the start of the next week's lab. \*\***