Course Syllabus

University of Florida

College of Public Health & Health Professions Syllabus

CLP 7428C: NEUROPSYCHOLOGICAL ASSESSMENT OF ADULTS

(3 hrs; 1 hour online lecture + 2 hours physical classroom)

Spring Semester 2021

In–Person Meeting Time/Place: Friday, 12:50 PM – 2:45 PM, Room G312 HPNP

Instructors:	Glenn Smith, Ph.D., ABBP-CN	Erika M. Cascio, Psy.D.
Office:	HPNP 3154	HPNP 3140
Email:	**glennsmith@phhp.ufl.edu**	**emellott@phhp.ufl.edu**
Office Hours:	By Appointment	By Appointment

Preferred Course Communication: email

Prerequisites Must be a graduate student in good standing in Clinical and Health Psychology. All others must petition. Note that

this is one of the core course requirements for a concentration in Neuropsychology, Clinical Neuroscience, and Neurorehabilitation.

Course Overview and Objectives

This course intends to provide you with an overview of basic concepts and methods in the neuropsychological assessment of adults. You will learn the most important conceptual models of neuropsychological assessment and will learn to recognize quantitative and qualitative aspects of test performance and behaviors that are most relevant to differential diagnosis. Basic principles of neuroanatomy and brain organization will be briefly reviewed, as they pertain to specific neurologic disorders and neurocognitive domains. Major diagnostic problems will be illustrated through the introduction of case materials. You will also learn different report styles for communicating neuropsychological findings to other professionals, attorneys, and lay individuals. Due to the diversity of the experience of students enrolled in this class, this course will not focus on test administration, per se. Rather, the emphasis is on broader conceptual and pragmatic issues, with a major focus on case conceptualization based on neurocognitive profiles, along with ways of creatively tailoring the methods of assessment to the special needs and problems presented by individual cases. You will have opportunities for exposure to test administration procedures through access to clinical training videos.

Course Materials

Readings are from the two required texts (see below), along with other articles/chapters that will be distributed electronically and placed in a designated class folder on our class p-drive (np assessment). Make sure you have access to this p- drive. If not, it is your responsibility to let Dr. Cascio know so that the folks in IT can give you access.

Required (2 books)

Parson, M., & Hammecke, M. (eds).   (2014).   Clinical Neuropsychology: A Pocket Handbook for Assessment, American Psychological Association, Washington DC.

Strauss, E., Sherman, E. M. S. & Spreen, O. (2013). A Compendium of Neuropsychological Tests: Administration, Norms and Commentary, Oxford University Press, New York.

Highly Recommended

Blumenfeld, H. (2010). Neuroanatomy through Clinical Cases. Sinauer. 2nd edition.

Lezak, M., Howieson, D., BIgler, E., Tranel, D. (2012). Neuropsychological Assessment (5rd Edition). New York: Oxford University Press.

Morgan, J., & Ricker, J. (2012). Textbook of Clinical Neuropsychology. New York: Taylor & Francis.

Kolb, B. & Wishaw, I. (2015) Fundamentals of Human Neuropsychology. 7th Edition. MacMillan, NY.

Recommended

Stringer A., Cooley, E., Christensen, A. (2002). Pathways to Prominence in Neuropsychology: Reflections of 20th century pioneers.   New York: Psychology Press.

Available to review in the clinic

Heaton, R., Miller, W., Taylor, M., Grant, I. (2004). Revised Comprehensive Norms for an Expanded Halstead-Reitan Battery. Lutz, FL: Psychological Assessment Corporation.

Course Format

This course will be taught in a hybrid fashion. Students will be asked to view pre-recorded lectures prior to meeting, followed by in-class review of content in a discussion-based format and student-led presentations (outlined below). Class will physically meet Fridays from 12:50pm – 2:45pm in Room G312 on the first floor of the HPNP building. *It is our expectation that you have reviewed the lecture well-prior to class and will come prepared with questions for discussion*, as this is a participatory course and class time will be spent in discussion of lecture content, clinical cases, "hot topics," and other testing related activities. Please be on time.

Course Requirements, Evaluation, and Grading

Grades will be weighted according to the number of points available for each component, as described below. Final grades will be calculated as a percentage of the highest score. Evaluation in the course will be based on the following components

Midterm Exam	30%
Final Exam	40% (cumulative)
Clinical Case Presentation	10%
Test Summary	5%
Hot Topic Discussion	5%
Quizzes	10%

1. **Midterm and Final Exams:** will comprise 70% of your grade. These exams will be drawn from class lectures and assigned readings and will consist of multiple choice, short answer, odd man out and other formats. The final exam may also involve some ethical scenarios and writing sections of a report. FYI, you will be provided a set of study questions that will be helpful in guiding your thinking and preparation for these exams.

2. **Clinical Case Presentation:** Each student will take the lead in presenting a clinical case to the class and facilitating discussion about the case. You will work closely with us in doing so. If you have already been on clinic, you can present one of the cases you previously saw. If not, then we will help you locate a case from our files. You can decide whether you want to present your case within the context of "fact finding" or a more traditional format. Part of this assignment will involve learning something more about the "disorder" at hand in addition to examining/discussing the clinical neuropsychological profile, the various factors that might contribute to a pattern, cultural and demographic issues, etc.

3. **Hot Topics & Discussion Points:** Students will be assigned in pairs to lead relevant, hot topic discussions during certain classes. The format of the discussion will be left up to the group leading it that day. Example: A recent hot topic relates to computerized testing. What do you think of all the companies that are now marketing computerized test batteries to primary care and other physicians, who then upload the information to some centralized unit and then get a canned report back? What are the implications for patient care? What are the implications for our profession? *(For this assignment, do not show videos from the internet).*

4. **Test Reviews:** You will choose a test to review from a list provided by your instructors and write up a brief 1-2 page typed summary about its _historical background (brief),administration, available norms, reliability, validity, strengths and weaknesses_. An important focus is the availability of norms for the elderly, for individuals with low SES and education, and for individuals from diverse cultural/ethnic backgrounds. You will **place a digital copy of your summary in the class folder, so that your colleagues will also have access to it as a resource**. Below are the headings that should be covered in your write-up. If you have any questions about this assignment, let us know.

5. **Quizzes on Test Administration:** This will entail brief in class quizzes on *administration* of specific test measures. There will be 4 quizzes, one prior to each of the following lectures: Language, Visuoperceptual-Spatial, Memory, Frontal-Executive.   We will tell you which particular measures you need to know for each of these quizzes.

Additional Tools:

All of you should have access to the share drive demonstrating use of video (s:\NP Training Material) demonstrating administration of commonly used neuropsychological measures. The faculty created these videos in order to help with 'test drift' in administration. You are encouraged to review these, particularly those of you who have not started your neuropsychology core. There are a lot of tests, and best way to tackle is by domain. You will not be graded on this.

Grading

Scores will be rounded to the nearest percent (rounded up or down, whichever is closest) for grade determination in accordance with the grading table below:

% of points earned	93%-100%	90%-92%	87%-89%	83%-86%	80%-82%	77%-79%	73%-76%	70%-72%	67%-69%	63%-66%	60%-62%	Below 60%
Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F

Below is table linking letter grades to grade points.

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E	WF	I	NG	S-U
Grade Points	4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0	0.67	0.0	0.0	0.0	0.0	0.0

For greater detail on the meaning of letter grades and university policies related to them, see the Registrar's Grade Policy regulations at **http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html (http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html)**

Policy Related to Class Attendance

Attendance and class participation is required. Students are expected to complete assigned readings and view lectures prior to coming to class. Students needing to miss class for personal or professional reasons should consult with the instructor prior to the date on which they will be unable to attend. It is the student's responsibility to acquire any handouts or notes from a colleague in the class for any sessions missed.

Statement of University's Honesty Policy (cheating and use of copyrighted materials)

Students are expected to act in accordance with the University of Florida policy on academic integrity (see Student Conduct Code, the Graduate Student Handbook or this website for more details: (www.dso.ufl.edu/judicial/procedures/academicguide.php). Cheating, lying, misrepresentation, or plagiarism in any form is unacceptable and inexcusable behavior.

We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.

Policy Related to Make-up Exams or Other Work

Personal issues with respect to class attendance or fulfillment of course requirements will be handled on an individual basis. Students must make *prior* arrangements with Drs. Cascio or Smith if they must miss any in-class examination, and an alternative test time must be arranged.

Accommodations for Students with Disabilities

If you require classroom accommodation because of a disability, you must first register with the Dean of Students Office (http://oss.ufl.edu/). The Dean of Students Office will provide documentation to you, which you then give to the instructor when requesting accommodation. **It is your responsibility to communicate the need for accommodative supports.** The College is committed to providing reasonable accommodations to assist students in their coursework.

Counseling and Student Health

Students may occasionally have personal issues that arise in the course of pursuing higher education or that may interfere with their academic performance. If you find yourself facing problems affecting your coursework, you are encouraged to talk with an instructor and to seek confidential assistance at the University of Florida Counseling Center, 352-392-1575, or Student Mental Health Services, 352-392-1171. Visit their web sites for more information: http://www.counsel.ufl.edu/ or http://www.health.ufl.edu/shcc/smhs/index.htm#urgent

The Student Health Care Center at Shands is a satellite clinic of the main Student Health Care Center located on Fletcher Drive on campus. Student Health at Shands offers a variety of clinical services, including primary care, women's health care, immunizations, mental health care, and pharmacy services. The clinic is located on the second floor of the Dental Tower in the Health Science Center. For more information, contact the clinic at 392-0627 or check out the web site at: www.health.ufl.edu/shcc

Course Summary:

Date	Details	
Fri Jan 15, 2021	📝 **View Lecture: Historical Background of Neuropsychological Assessment: Important figures and landmark cases (https://ufl.instructure.com/courses/415871/assignments/4496922)**	due by 12:50pm

Date	Details	
	📝 **Read** **(https://ufl.instructure.com/courses/415871/assignments/4543824)**	due by 12:50pm
Fri Jan 22, 2021	📝 **View Lecture: Stages of the Neuropsychological Exam: Medical record review, test selection, clinical interview & behavioral observations** **(https://ufl.instructure.com/courses/415871/assignments/4496924)**	due by 12:50pm
	📝 **Case Presentation 1** **(https://ufl.instructure.com/courses/415871/assignments/4494565)**	due by 2:45pm
	📝 **Read 1/29** **(https://ufl.instructure.com/courses/415871/assignments/4543927)**	due by 12:50pm
	📝 **View Lecture: Neurologic vs Neuropsychologic Exam** **(https://ufl.instructure.com/courses/415871/assignments/4496925)**	due by 12:50pm
Fri Jan 29, 2021	📝 **Case Presentation 2** **(https://ufl.instructure.com/courses/415871/assignments/4494588)**	due by 2:45pm
	📝 **HOT TOPIC Norming for Age, education, race?** **(https://ufl.instructure.com/courses/415871/assignments/4486482)**	due by 2:45pm
Fri Feb 5, 2021	📅 **No Class INS** **(https://ufl.instructure.com/calendar?event_id=1786184&include_contexts=course_415871)**	12:50pm to 2:45pm
	📝 **Read 2/12** **(https://ufl.instructure.com/courses/415871/assignments/4544662)**	due by 12:50pm
	📝 **View Lecture: Battle of the Batteries: Fixed, Flex & The Spectrum In Between** **(https://ufl.instructure.com/courses/415871/assignments/4496964)**	due by 12:50pm
Fri Feb 12, 2021	📝 **Case Presentation 3** **(https://ufl.instructure.com/courses/415871/assignments/4497081)**	due by 2:45pm
	📝 **Hot Topic: Teleneuropsychology Pros and Cons** **(https://ufl.instructure.com/courses/415871/assignments/4496992)**	due by 2:50pm
	📝 **Read 2/19** **(https://ufl.instructure.com/courses/415871/assignments/4496903)**	due by 12:50pm
Fri Feb 19, 2021	📝 **View Lecture:Domains of Neurocognitive Ability & Estimating IQ; Effort & Malingering** **(https://ufl.instructure.com/courses/415871/assignments/4496996)**	due by 12:50pm
	📝 **Case Presentation 4** **(https://ufl.instructure.com/courses/415871/assignments/4494602)**	due by 2:45pm

Date	Details	
	🖹 **Hot Topic: Whither PVTs?** (https://ufl.instructure.com/courses/415871/assignments/4496972)	due by 2:45pm
Fri Feb 26, 2021	🖹 **Read 2/26** (https://ufl.instructure.com/courses/415871/assignments/4544067)	due by 12:50pm
	🖹 **View Lecture: Assessment of Attention/Concentration, Processing Speed & Associated Disorders** (https://ufl.instructure.com/courses/415871/assignments/4497070)	due by 12:50pm
	🖹 **Mid term** (https://ufl.instructure.com/courses/415871/assignments/4497045)	due by 2:15pm
Fri Mar 5, 2021	🖹 **Read 3/5** (https://ufl.instructure.com/courses/415871/assignments/4496999)	due by 12:50pm
	🖹 **View Lecture: Assessment of Language and Language Related Skills & Associated Disorders** (https://ufl.instructure.com/courses/415871/assignments/4496998)	due by 12:50pm
	🖹 **Case Presentation 5** (https://ufl.instructure.com/courses/415871/assignments/4497000)	due by 2:45pm
	🖹 **Hot Topic: Discrepancy model vs. RTI: considerations when diagnosing language-based learning disorders in adults** (https://ufl.instructure.com/courses/415871/assignments/4497001)	due by 2:45pm
Fri Mar 12, 2021	🖹 **Read 3/12** (https://ufl.instructure.com/courses/415871/assignments/4497073)	due by 12:50pm
	🖹 **View Lecture: Assessment of Visuoperceptual, Spatial, & Constructional Skills & Associated Disorders** (https://ufl.instructure.com/courses/415871/assignments/4497072)	due by 12:50pm
	🖹 **Case Presentation 6** (https://ufl.instructure.com/courses/415871/assignments/4497074)	due by 2:45pm
	🖹 **Hot Topic: Computerized Testing batteries: are we being outsourced?** (https://ufl.instructure.com/courses/415871/assignments/4497075)	due by 2:45pm
Fri Mar 19, 2021	🖹 **Read 3/19** (https://ufl.instructure.com/courses/415871/assignments/4497120)	due by 12:50pm
	🖹 **View Lecture: Assessment of Memory & Associated Disorders** (https://ufl.instructure.com/courses/415871/assignments/4497119)	due by 12:50pm
	🖹 **Case Presentations 7** (https://ufl.instructure.com/courses/415871/assignments/4497121)	due by 2:45pm

Date	Details	
	📝 **Read 3/26** (https://ufl.instructure.com/courses/415871/assignments/4497552)	due by 12:50pm
Fri Mar 26, 2021	📝 **View Lecture: Assessment of Executive &** **Frontal Lobe Skills & Associated Disorders Case** **Presentations (3)** (https://ufl.instructure.com/courses/415871/assignments/4497551)	due by 12:50pm
	📝 **Case Presentations 8** (https://ufl.instructure.com/courses/415871/assignments/4497553)	due by 2:45pm
	📝 **Read 4/2** (https://ufl.instructure.com/courses/415871/assignments/4497569)	due by 12:50pm
Fri Apr 2, 2021	📝 **View Lecture: Assessment Issues in the** **Elderly & Dementias** (https://ufl.instructure.com/courses/415871/assignments/4497568)	due by 12:50pm
	📝 **Case Presentation 9** (https://ufl.instructure.com/courses/415871/assignments/4497570)	due by 2:45pm
	📝 **Hot Topic: Should neuropsychologists know** **how to read basic neuroimaging scans?** (https://ufl.instructure.com/courses/415871/assignments/4497571)	due by 2:45pm
	📝 **Read 4/9** (https://ufl.instructure.com/courses/415871/assignments/4486467)	due by 12:50pm
Fri Apr 9, 2021	📝 **View Lecture: Issues in the Assessment of** **Epilepsy & Emotion** (https://ufl.instructure.com/courses/415871/assignments/4497590)	due by 12:50pm
	📝 **Case Presentations 10, 11** (https://ufl.instructure.com/courses/415871/assignments/4500875)	due by 2:45pm
	📝 **Read 4/16** (https://ufl.instructure.com/courses/415871/assignments/4486400)	due by 12:50pm
Fri Apr 16, 2021	📝 **Case Presentation 12** (https://ufl.instructure.com/courses/415871/assignments/4500877)	due by 2:45pm
	📝 **HOT TOPIC How much is enough?** (https://ufl.instructure.com/courses/415871/assignments/4496990)	due by 2:45pm
Fri Apr 23, 2021	📝 **Final Exam** (https://ufl.instructure.com/courses/415871/assignments/4486492)	due by 2:45pm
	📝 **View Lectures: Stages of the** **Neuropsychological Exam: Medical record** **review, test selection, clinical interview &** **behavioral observations** (https://ufl.instructure.com/courses/415871/assignments/4520512)	