
LONGWOOD UNIVERSITY-PCSD 455 Spring 2023

Please Note: Successful completion of this course or these sponline courses will not guarantee admission to graduate school. Your performance in these courses will not affect your undergraduate GPA, unless you are enrolled in a bachelors' program at Longwood University. If you are transferring this course to another university, you should contact that university to understand the impact of your grade(s) on your GPA at that university.

Instructor: Dr. Barrow	Class begins: 1-11-2023 Classes end: 5-5-2023
E-mail: <u>Please use the email system within the Canvas course for all communication.</u> If you are unable to access Canvas, use this email and include the course and section number in which you are enrolled: barrowim@longwood.edu	Last day to Add/Drop: 1-19-2023 Last day to withdraw: 3-29-2023 by 5:00 pm EST. All course fees still apply.

Course Description:

An overview of neurology as it relates to communication and communication disorders. 3 credits

Prerequisites: CSDS/PCSD 313

Co-requisite: None **Required Resources:**

High Speed Internet Access: All students are **required** to maintain high speed internet access. Failure to update passwords or access to the internet are not "technical difficulties" and will not be accepted as extenuating circumstances for assignment submission or for taking quizzes. A high speed internet connection will be necessary to view the video clips linked to the presentations. If you are using a dial-up service, you may not be able to access the videos.

Windows Media Player: Windows Media Player will be necessary in order to view the video clips. It is available as a free download from www.microsoft.com

Microsoft Office: Submit assignments and projects as Microsoft documents (either *Word*, *PowerPoint* or *Excel*, as required by the assignment). The accepted formats are: .doc; .docx; .rtf; .pdf; .ppt. The use of the .wps format is not acceptable. View presentations with Microsoft *PowerPoint*.

Computer with working speakers

Recording device (phone, pocket recorder) CANVAS:

- CANVAS™ will be the venue for this class. All announcements, course documents, assignments, and class discussions will take place on CANVAS - <https://CANVAS.longwood.edu>
- **Respondus Lockdown Browser**

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- This course requires the use of Respondus Lockdown Browser (RLB) for online assessments. RLB is an online proctoring and cheating deterrent software. It requires the use a computer, webcam, and stable internet connection. The webcam can be built into your computer or can be the type that plugs in with a USB cable. You DO NOT need to create an account or schedule a proctoring appointment.
- RLB is very simple! All you need to do is log into Canvas using Google Chrome and click on the quiz you need to take. You will be prompted to add the Lockdown Browser Cwhich is required to take your exam. The Lockdown Browser will then take your picture, require you to show a valid ID, and complete a room scan. The program has an integrated algorithm that can detect search-engine use, so do not attempt to cheat or look-up answers. This program will also detect secondary device searches, i.e. looking up questions on your cell phone.
- If a violation of the honor code is suspected, consequences will be determined by the instructor based on the severity of the suspected violation.

Required Text:

Webb, W.G. (2017). *Neurology for the speech-language pathologist* (6th ed.). St. Louis, Missouri: Elsevier. ISBN-13: 978-0323100274 or ISBN-10: 0323100279

Optional Supplemental Materials:

3D Anatomy for Speech Language Pathology DVD for Longwood University Communication Sciences and Disorders Students for \$125 <http://www.primalonlinelearning.com/required/> When prompted for a code please enter: LONGWOOD If you have any questions or require any assistance contact studentadoptions@primalpictures.com or email Lesley Sipple at Lesley@primalpictures.com

Bhatnagar, S.C. (2013). *Neuroscience for the study of communicative disorders* (4th ed.). Baltimore, MD: Lippincott, Williams and Wilkins. ISBN: 978-1-60913-871-4

Seikel, J., Drumwright D. & King, D. (2016). *Anatomy & physiology for Speech, Language and Hearing 5th Edition*. Clifton Park, NY: Cengage Learning. PKG ISBN: 978-1-285-19824-8

Course Objectives:

Longwood College of Education and Human Services Conceptual Framework Competencies (CFC)

The following conceptual framework competencies guide the planning and delivery of instruction in this course. Specific course objectives reflect this framework as they focus on the needs of the students for developing skills as professionals who will be knowledgeable, caring, and ethical decision-makers.

1. Plan for Instruction
2. Implementation and Management of Instruction
3. Evaluation and Assessment
4. Knowledge of Subject
5. Behavior Management
6. Communication Skills
7. Professional Responsibilities
8. Technology

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9. Diversity

The American Speech-Language-Hearing Association (ASHA) Knowledge and Skills Assessment (KASA) Standards applicable to this course include:

- Standard III-B. Demonstrate knowledge of basic human communication and swallowing processes, including their biological, neurological, acoustic, psychological, developmental, and linguistic and cultural bases.

- Standard III-C. Demonstrate knowledge of the nature of speech, language, hearing, and communication disorders and differences and swallowing disorders, including their etiologies, characteristics, anatomical/physical, acoustic, psychological, developmental, and linguistic and cultural correlates.

- Standards III-D. Possess knowledge of the principles and methods of prevention, assessment, and intervention for people with communication and swallowing disorders, including consideration of anatomical/physiological, psychological, developmental, and linguistic and cultural correlates of the disorders.

Note: The above competencies and standards are coded to the course objectives as CFC or KASA.

Through the successful completion of this course, the student will gain a working knowledge of anatomy and physiology for speech-language-hearing.

Objective	Learning Activities
Describe the organization of the brain, including lateralization, lobes, brainstem, and cerebellum. (CFC 4; KASA III-B, III-D)	Apply It! Assignments, Discussion Board Assignments, Quizzes
Describe hemisphere dominance for language. (CFC 4; KASA III-B, III-D)	Apply It! Assignments, , Discussion Board Assignments, Quizzes
Explain the function of the cranial nerves associated with human communication. (CFC 4; KASA III-D)	Apply It! Assignments, Discussion Board Assignments, Quizzes
Describe the functional categorizations of the nervous system. (CFC 4, KASA III-B)	Apply It! Assignments, Discussion Board Assignments, Quizzes
Explain neurons, synapses and the mechanisms of actions. (CFC 4, KASA III-B)	Apply It! Assignments, Discussion Board Assignments, Quizzes
Describe the descending and ascending motor and sensory pathways. (CFC 4, KASA III-B)	Apply It! Assignments, Discussion Board Assignments, Quizzes

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Describe the blood flow to the brain, including the Circle of Willis and the cerebral arteries. (CFC 4, KASA III-B)	Apply It! Assignments, Discussion Board Assignments, Quizzes
Discuss normal aging and its impact on the central nervous system (CFC 4, KASA III-B, C, D)	Apply It! Assignments, Discussion Board Assignments, Quizzes

Explain impact of stroke and traumatic brain injury to the brain **(CFC 4, 7, KASA III-B, C, D)** Apply It! Assignments, Discussion Board Assignments, Quizzes

Student Resource Links:

- Speech-Language Pathology Prerequisites Online: <http://www.longwood.edu/continuingeducation/for-credit-courses/speech-languagepathology-prerequisites-online/>
- Academic Success: <http://www.longwood.edu/academicsuccess>
- Disability Resources: <http://www.longwood.edu/disability>
- Digital Education Collaborative: <http://www.longwood.edu/dec> □ User Support Services: <http://www.longwood.edu/usersupport> □ Graduate and Distance Education Student Support: <http://www.longwood.edu/usersupport/student-resources/graduate-and-distance-educationstudent-support/>

University and Class Policies:

- **Honor Code:**
 - Students are expected to abide by the Longwood University Honor Code at all times. Suspicion of any violation will be investigated and university policy will be followed. The link for the honor code can be found at: <http://www.longwood.edu/studentconduct/honor-code/>
 - Please be advised that future speech-language pathologists and audiologists are bound by the American Speech-Language-Hearing Association (ASHA) Code of Ethics (ASHA is the national accreditation agency). This code of ethics applies to any persons applying for membership to ASHA and should be adhered to by students aspiring to be speech-language pathologists and/or audiologists. The Code of Ethics can be found at: <https://www.asha.org/Code-of-Ethics/>
- **Accommodations and Disability Resources:**
 - If you have a disability and require accommodations, please meet with your instructor early in the semester to discuss your learning needs. If you wish to request reasonable accommodations (note taking support, extended time for tests, etc.), you must register with the [Office of Disability Resources](#), Brock Hall, (434) 395-2391 prior to those accommodations being implemented. The office will require appropriate documentation of disability. All information is kept confidential.
 - <http://www.longwood.edu/academicaffairs/syllabus-statements/> (link to actual statement) ○ The instructor is willing to meet reasonable accommodations for any learners with a documented

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disability. Requests to alter the course in any way on an individual basis will not be honored unless the proper procedure has been followed and official documentation has been received. Accommodations, if appropriate, are not retroactive.

- **Mental Health Resources:**

- Stress and anxiety are very typical reactions to college life and many students have experienced significant benefits from participating in counseling. Longwood's [Counseling and Psychological Services \(CAPS\)](#), located in the Health and Fitness Center, is available to all students at no cost. Appointments can be scheduled by phone (434) 395- 2409, during the hours of 8:15 a.m. -5:00 p.m. Monday-Friday. **Resident Education Coordinators (RECs)** and **Resident Advisors (RAs)** are additional resources to students. For emergency situations, please call (911) or contact the [Longwood University Police Department](#) at (434) 3952091. ○ <http://www.longwood.edu/academicaffairs/syllabus-statements/> (link to actual statement)

- **Protecting Intellectual Property**

- Content and materials for this course are for your learning only and should not be shared with others outside of the class. This includes the materials located within the learning management system, information sent to you through email, and/or content provided to you through webcasting with your professor. You may not share your course connection information (login or password), your content received through Canvas, or any videos sent to you that are specifically for this course. This includes sharing postings or recordings made by the instructor or students without permission of the originator.
- When you are attending a course through web-conferencing (for example, Zoom), there should not be other persons interacting with the system or attending the session.
- Any violation of this policy can result in disciplinary action. Faculty or students may report those who violate University policies regarding intellectual property to the Office of Student Conduct and Integrity.

Reporting of Crimes and Sexual Misconduct:

- In accord with its history and mission, Longwood University believes that each individual should be treated with respect and dignity and that any form of crime or violence is incompatible with Longwood's commitment to the dignity and worth of the individual. Longwood University is committed to providing a healthy living, learning and working environment which promotes personal integrity, civility and mutual respect. If you have been the victim of a crime or sexual misconduct we encourage you to report this. If you disclose this to a faculty member or employee (with the exception of our Limited Reporting and Confidential Reporting Resources; for example, the [Counseling and Psychological Services \(CAPS\)](#) staff, they are required by law to notify the appropriate University officials. The faculty member or employee cannot maintain complete confidentiality and is required to report the information that has been shared. Please know that all reported information is treated with discretion and respect and kept as private as possible. For more information about your options at Longwood: <http://www.longwood.edu/titleix>

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- <http://www.longwood.edu/academicaffairs/syllabus-statements/> (link to actual statement)
- **Respect for Religious Diversity:**
 - The Instructor will accommodate adjustments to due dates that conflict with a student's religious observation, if informed in writing by the end of the first week of class.
- **Adding/Dropping a Course:**
 - Students may make schedule adjustments (adds and/or drops) for face-to-face, off campus, online, and hybrid courses:
 - until 5:00 p.m. on the sixth day of classes for fall and spring full term courses.
 - until 5:00 p.m. on the third business day after the officially stipulated begin date in an abbreviated term, intersession or summer courses of at least three weeks.
 - until 5:00 p.m. of the officially stipulated begin date for any courses which are less than three weeks in duration. If the first meeting time of such a course is after 3 p.m., then a student has until noon of the business day following the officially stipulated begin date to add/drop the course.
- **Withdrawing from a Course:**
 - Students may withdraw from individual classes with a grade of "W" (not computed in the GPA) until 5:00 p.m. on the 35th day of regularly scheduled classes. After that date, withdrawals from individual classes are not permitted except for medical or other non-academic emergencies. A student who withdraws, for medical reasons, from a class after the 35th day of regularly scheduled classes must, by noon of the last class day, have a letter sent to the Dean of the student's college by the student's personal physician, detailing the nature of the illness and recommending withdrawal for medical reasons. In extenuating circumstances not related to academic performance, the Dean may grant a withdrawal from an individual course if a written request from the student is received by noon of the last class day. If the Dean approves the request, the Dean will send a copy of the request or letter to the Office of the Registrar and all affected grades for that semester will be noted as "W" on the student's transcript. The Dean will notify the student's faculty members of any grade changes. ○
- **Correspondence:**

E-mail: The instructor will try to respond to e-mail questions within 48 hours on weekdays (Monday-Friday). **E-mail communication will be conducted through the Canvas Inbox system.** If it becomes necessary to contact me through my Longwood address you must include the course and section number in which you are enrolled in the heading of the email. Please note that all e-mail correspondence from the instructor to the student will be sent to the student's Longwood University e-mail address. Therefore, please make sure your Longwood University e-mail address is working, and you are able to access it regularly or you have it forwarded to an account that is monitored regularly. Not having a valid Longwood University email account will not excuse missed information.

Discussion Board: Please post any questions, whose answers will benefit the entire class, in the Q&A forum on CANVAS. The instructor will respond within 48 hours on weekdays (Monday-Friday). The Question and Answer section in the discussion area is a great place to ask content and assignment questions as all students will see the questions and answers posted. This section should never be used to ask questions pertaining to individual grades or circumstances.

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Assignments: The instructor will make every effort to provide feedback on all assignments within a one-week time frame.

Apply It! – There is an Apply It! assignment for each module. These assignments are designed to help you understand the material through practical application.

Discussion Boards – Students are expected to participate in all discussion forums. Each student will post an individual response to the prompt, read **all** peer posts and will select **at least one** post for reply. Revisit the discussions often throughout the module. This is where a significant amount of learning takes place! Discussion contributions will be evaluated for quality and quantity of responses. The scoring rubric is posted in the syllabus section of *Canvas*. Be sure to review it prior to completing Discussion Board assignments.

Models – Each student is required to create one **3D** model of the Circle of Willis. The directions for the model are included in *Canvas*. **Models will be submitted through pictures along with required written information in one document (Word or PPT) only.**

Quizzes- The instructor will post a series of timed online quizzes to assess the student's progress toward learning the material. HonorLock is required for all quizzes. See the course for instructions. Quizzes are posted as indicated by the schedule. All quizzes will disappear at the conclusion of the quiz period. Once the quiz has disappeared the opportunity to complete it has ended. **If difficulty should arise during a quiz, a screen shot of the difficulty must accompany your immediate email to the instructor for consideration to have the quiz reset. Failure to comply with this procedure will result in the quiz not being reset.**

Final Exam: The comprehensive final exam will require the student to demonstrate an ability to apply the learning related to anatomy and physiology of human communication. Additional information about the exam will be provided.

More information regarding each assignment (assignment description, rubrics, point values, supplemental documents, etc.) can be found within the assignment on CANVAS

Policy on Late Assignments:

Learners are expected to submit assignments **by the designated date**. Submit assignments through the Canvas assignment links. If the links are not functioning within Canvas and it is **prior to the assignment deadline**, email the assignment to the instructor within the Canvas system. Late work is strongly discouraged. It is important that you notify the instructor as soon as possible if you are experiencing any problems with an assignment.

Attempting to submit work very close to the closing time may result in assignments not being uploaded into the Canvas system. Such instances are **not** considered technical difficulties.

It is an **individual responsibility** to preview work in the grade book to be sure that what was intended for submission was actually submitted and it is in an appropriate format. The assignment links will accept new uploads until the due date and time expires. Thus, if you preview your submission and discover that the wrong file was uploaded, you can resubmit the correct assignment without having to contact me. Canvas always shows me the most recent submission first. **Once the due date/time has expired, only what is submitted will be graded.** You are responsible for ensuring that you have submitted what you

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want graded and it is in one of the accepted formats. **You are responsible for checking your work in the grade book after you submit it.** I will not check it for you and will only grade what has been submitted. Canvas shows me whether an assignment was previewed by each student.

Verifiable documentation of emergency or extenuating circumstances must be provided to the instructor. All documentation will be taken into consideration at the instructor's discretion. Providing documentation is not a guarantee of an exception to the late policy. If work late is accepted, a 10% penalty of total possible points will be deducted for each 24 hour period after the due date until date of actual submission up to a total of 50% of possible points. Work will **NOT** be accepted more than one week late.

If you experience technical difficulties that are related to **Canvas functioning** while trying to submit an assignment by the deadline, contact the LU Help Desk for assistance. In addition, email me stating the time of contact with the Help Desk and the nature of the technical problem. Only then will an assignment be considered for late acceptance without a penalty. However, it still must be submitted by 9 am the next day in order to avoid a late penalty. Attempting to submit work very close to the closing time may result in assignments not being uploaded into the Canvas system. Such instances are **not** considered technical difficulties.

Responsibilities of the Learner- All learners are expected to abide by the Honor Code, and respect the intellectual property and copyright of others. Learners agree to interact with others in the course in a courteous and professional manner, recognizing the value of others opinions. Learners will recognize that they are part of a larger community of learners and that their diligent and regular participation in this course is to the benefit of all learners. Failure to treat others with respect and courtesy will result in removal from a group assignment and a grade of "0" for the assignment.

Students who are successful in this course:

- Devote a block of time each day to course work. Expect to spend 6-8 hours per week (including class time) on this course
- Enter Canvas frequently to read announcements or to work on content
- Consult the course objectives provided for each module and learn the material from both the anatomy and physiology perspectives.
- Create a personal plan for how/when to complete content and assignments.
- Complete all assigned readings
- Make use of the additional activities that supplement the textbook as study aides.
- Complete assignments according to directions and submit by the due dates • Interact frequently with other members of the learning community (other students and instructor) to stay connected with the course.
- E-mail the instructor with problems and concerns sooner rather than later.

Policy on Plagiarism. The content (including the organization and the specific wording) of articles whether online, in textbooks, or in journals is the intellectual property of the author. As such, students in this course are expected to demonstrate respect for intellectual property by carefully following acceptable practices for giving authors credit for their work. Students will be expected to follow APA guidelines for citation and referencing for all written work (including discussion forums, reports, and presentations) which reports, describes, or explains the work of others. Visit the following site to gain a better appreciation of how to quote, paraphrase, cite, and reference:

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<http://www.indiana.edu/~wts/pamphlets/plagiarism.shtml#wwwplagiarism> The following sites contain information on how to use the APA citation style:

<https://owl.english.purdue.edu/owl/resource/560/01/> <http://www.apastyle.org/>
<https://www.library.cornell.edu/resrch/citmanage/apa>

These are not the only sites available. Each student may locate other sites providing information on the APA citation format. The APA citation format is the expected referencing style for both Speech-Language Pathology and Audiology. It is **required** for this course. Failure to comply with APA referencing will incur a 10% penalty from the final grade for each assignment not in compliance.

Referencing course PowerPoints is not appropriate as they are equivalent to in-class lectures. Thus, using them as a reference is like saying, "because you said this in class..." It is expected that reference material come from academic sources other than the required text book or the provided course materials. Be careful of the sites used to obtain information. Such sites as Wikipedia, YouTube, WebMD and many others are not academic sources and are not acceptable in this course. Some examples of acceptable sites include: ASHA, NIH, Official trusted organizations like the American Heart Association, published journal articles and text books.

Assurance Statement:

All students are required to review the Honor Code, Code of Ethics, and On-line policies, signing an assurance statement attesting to this fact and assuring they are keeping their virus software up-to-date. This assurance statement will be posted in the Start Here! section in CANVAS. Please submit this statement the first week of class via CANVAS. It is understood that this code applies to all works submitted as part of this course. The Assurance Statement document can be found in the Introduction section of the course. Suspicion of any honor-related violation will be investigated and university policy will be followed.

Course Requirements:

Introduction Activities:

All students will complete and submit the Assurance Statement and the Introductory Quiz prior to gaining access to the rest of the course modules. The Introductory Quiz contains questions pertaining the syllabus, course policies and course navigation. It must be completed repeatedly until a score of 100% is achieved. Once the quiz has met the 100% requirement and the Assurance Statement has been successfully submitted, all of the course modules will automatically become available. Failure to complete these three items will result in the inability to access any further module in the course.

- a. Assurance Statement
- b. Introduction Discussion Board
- c. CANVAS quiz

Assignment Summary:

Requirements	Possible Points Awarded
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Quizzes	Introduction Quiz = 20 pts 6 Module Quizzes @ 30 pts each = 180 pts
Discussion Postings/Responses	6 Discussion @ 25 pts each = 150 pts
Apply It Assignments	6 Assignments @ 30 pts each = 180 pts
Final Exam	=120 pts
Total Points	= 650 pts

Grading Scale:

Grades are earned, not gifts. The instructor does not *give* grades; rather the student earns the grade through organization, diligence, planning, and execution. Students are expected to assume individual responsibility for the quality, presentation, and timeliness of their own work.

Grades are assigned based on how the student's overall performance aligns with the established rubrics. Therefore, it is imperative that students review the grading rubrics before submitting assignments.

Individual requests for extra credit will not be honored. Any extra credit opportunities offered at the discretion of the instructor will only be offered to the entire class as optional credit opportunities.

The grading scale below reflects the grade that will be earned based on the percentage of total points earned.

This instructor makes every effort to evaluate students' work equitably and fairly. Grades are not negotiable. The instructor is willing to review and recalculate grades when a computational error is suspected. A student may request a review of *computation* only. **Requests to otherwise alter a grade will not be honored.**

The actual points earned will be used to determine the letter grade equivalency. Point values are not rounded up nor down to assign a grade equivalent. Therefore, if you earn 899 points, your grade will be a B+. If you currently hold a baccalaureate degree, Longwood's registrar considers you a graduate student (even though you are taking this undergraduate level course).

[As a graduate student, you are not permitted to earn a grade of "D". Therefore, a score of 699 or fewer points will earn a grade of "F".](#)

Students who are applying to graduate school in CSD should understand that most graduate programs expect stronger performance in CSD courses, so students should set as their goals achieving at least a "B" in CSDS courses and should consider retaking any CSDS course for which they earn a grade lower than a B-.

The grading scale below reflects the grade that will be earned based on the percentage of total points earned.

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A 94-100%	611 – 650 points
A- 90-93.9%	585 – 610 points
B+ 88-89.9%	572 – 584 points
B 84-87.9%	546 – 571 points
B- 80-83.9%	520 – 545 points
C+ 78-79.9%	507 – 519 points
C 74-77.9%	481 – 506 points
C- 70- 73.9%	455 – 480 points
D+ 68- 69.6%	442 – 454 points
D 63- 67.9%	416 – 674 points
D- 60- 62.9%	390 – 415 points
F 59% or below	0 – 389 points

Note: If you already have a bachelor's degree, you are considered a graduate student. Longwood University does not allow a grade of D for graduate students; therefore, if you earn less than a C-, the grade will be F.

Tentative Course Schedule:

All assignments are due by 11:00pm EST on the final date of the module. Quiz dates are as listed below in the chart. All instructions and links are available from the first day of class and can be submitted at any time prior to the due date. Course due dates are not adjusted for individual schedules. Grading will occur once the due date has elapsed.

Module	*Dates	Chapter Readings	Assignments	Quiz posted
Module 1 Foundations of the Nervous System	January 11, 2023 - January 27, 2023	Reserved Reading on Canvas. Chapters 1 & 2	Assurance Statement, Introduction Forum & Introduction Quiz Due: 1-13-2023 Module I Apply It! & Discussion Posting Due: 1-27-2023	Quiz 1: Opens @ 8:00am EST 1-26-2023 and closes @ 11:00pm EST 1-27-2023*

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Module 2 Organizational Structure of the Nervous System and Circulation in the Brain	January 28, 2023- February 17, 2023	Chapters 3 & 4	Discussion Posting & Module II Apply It! Due: 2-17-2023	Quiz 2: 2-16-2023 – 2-17-2023*
Module 3 Motor and Sensory Functions	February 18, 2023 – March 3, 2023	Chapters 5 & 6	Discussion Post, Apply It! And Worksheet Due: 3-3-2023	Quiz 3: 3-2-2023 – 3-3-2023*
	SPRING BREAK	March 6-10,	2023	
Module 4 Peripheral and Cranial Nerves	March 11, 2023 – March 24, 2023	Chapter 7	Module IV Apply It! & Discussion Posting Due: 3-24-2023	Quiz 4: 3-23-2023 – 3-24-2023
Module 5 Neurogenic Disorders of Speech	March 25, 2023– April 7, 2023	Chapters 8, 11 and 12	Discussion Post & Module V Apply It! Due: 4-7-2023	Quiz 5: 4-6-2023 – 4-7-2023
Module 6 Neurogenic Disorders of Language	April 8, 2023 April 28, 2023	Chapters 9, 10 and 13	Module VI Apply It! & Discussion Posting Due: 4-28-2023	Quiz 6: 4-27-2023 – 4-28-2023
Independent Review for Final	April 29, 2023 –May 1, 2023			Comprehensive Final: May 2-3, 2023

*All quizzes will be posted from 8:00 am EST on the first day until 11:00 pm EST on the second day. All quizzes must be ***finished*** by 11:00 pm EST on the second date. For example, the first quiz will become available at 8:00 am EST January 26, 2023 and will remain available until 11:00 pm EST on January 27, 2023. All quizzes/exams will become unavailable at 11:00 pm EST on the second date and the opportunity to take the quiz will expire. It is each student's responsibility to make note of timelines and taking quizzes/exams late is not allowed. All quizzes are timed and will automatically discontinue at the end of the allotted time. Also, in order to allow yourself the allotted time, you must enter the quiz with enough time to complete it. For example, if you enter the quiz at 10:30 pm on the second date, you have limited your time to complete it to 30 minutes. **Please plan your time accordingly, as the quiz will not be reset due to timeliness.** For all quizzes and exams, you may enter the quiz or exam only once. Thus, once it is begun, it must be completed during the same session.

Final Exam: Tuesday, May 2, 2023- Wednesday, May 3, 2023: The final exam will be available for 39 hours. It will become available at 8:00 am EST on May 2, 2023 EST and will remain

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available until 11:00 pm EST on May 3, 2023 EST. All exams must be **finished** by 11:00 pm EST on May 3, 2023 EST.

Please plan your time accordingly.