

**Neuroscience BIOL 4734/6985 – Summer 2020**  
**SYLLABUS - Dr. Melissa Cavallin Johnson**  
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**678-839-4043**

**Office Hours:** Online Office Hours: M- F 9-10 am via Blackboard Collaborate Ultra online chatroom (link provided in all modules on CourseDen); other times by appointment

At other times, I am available through CourseDen email and general discussion board, see response times below under contact information.

**Prerequisites:** Minimum Grade C in BIOL 3513 or BIOL 3526 or BIOL 4539

**Contact Information:**

To maintain consistent communication, please use the email system located within CourseDen for all course related questions. I will check CourseDen at least once in the morning and once in the evening Monday-Friday. In case of **emergency**, you may email my westga.edu account located at the top of the syllabus. I will respond to your emails within 48 hours (or less) Monday-Friday. Emails received on weekends and holidays will be answered starting at 8 am on the following business day, e.g. Monday morning following a weekend. You may also ask questions to me and your classmates via the General Discussion Board on CourseDen, and I will answer discussion board posts following the timeline provided for email communication. Live responses to discussion board posts will occur during the time for online office hours provided above.

**Communication Etiquette:**

Communication in an online environment takes special considerations. Do not use acronyms or text message abbreviations. Be careful what you say to someone on the discussion tool because everyone in the class will see it, and it cannot be retracted! Please abide by the following netiquette rules:

- Be sensitive and reflective to what others are saying.
- Do not use all caps. It is equivalent to screaming.
- Do not post outbursts of extreme emotion or opinion. Be respectful of the opinions of others.
- Think before you hit the post (enter/reply) button. You cannot take it back!
- Do not use offensive language.
- Use clear subject lines.
- Be forgiving. Anyone can make a mistake.
- Keep the dialog collegial and professional.

General communication etiquette with Dr. Johnson or any of your professors:

- When in doubt about how you should speak, write, or act, always err on the side of formality. You will never offend or annoy someone by being overly formal and polite.
- While you are in college, your coursework is your job. You should behave as you would in a professional work environment.
- When addressing your professors in person:
  - Always address them as "Professor Smith" or "Dr. Smith."
  - Do not call them by their first names or anything else unless they explicitly ask you to do so.
- When writing an email to your professor:
  - Begin the email with "Dear Professor Smith," "Dear Prof. Smith," or "Dear Dr. Smith." Do not begin the email "Hi" without addressing your professor by their title and surname.
  - Write in complete sentences with correct spelling, grammar, and punctuation.
  - Proofread your email before sending it.
  - Be alert to the tone of your message. Any email to a professor or teaching assistant should sound like a formal letter, not a text message or a demand to a customer service representative.
  - For example, you should write:

*Dear Professor Smith,*

*I cannot come to your office hours this week. Are you available at any time on Monday instead?*

*Sincerely,  
Jane*

- Do NOT write:

*Hi,*

*I need to talk to you about the test. Can I come by Mon? Thx Jane*

- Do NOT write:

*Hello,*

*I'm a senior and I need your class to graduate. BanWeb says I need permission. I need you to enroll me immediately.*

*Jane*

**Required Course Materials:**

Textbook: *Neuroscience Online* (free online interactive textbook) provided by The University of Texas Health Sciences Center at Houston at the following link (mobile device friendly): <https://nba.uth.tmc.edu/neuroscience/m/> (you may need to use different internet browsers for optimum viewing)

*Brain Facts* by BrainFacts.org a division of the Society for Neuroscience (free pdf available on CourseDen see \* note below)

The Human Memory website at the following link: <https://human-memory.net/>

\*A link to the *Neuroscience Online* textbook, a copy of the PDF file of *Brain Facts*, and a link to the Human Memory website are also available to you on CourseDen in the “Course Overview, Policies, & Resources” module.

Online Course Resource Access: CourseDen

Computer Software:

- MS Word (free to all UWG students through the ITS Student Helpdesk for personal computers) OR PDF creating software/browser extension—used to upload essay assignments. Google Docs WILL NOT upload to CourseDen!
- Adobe Reader for pdf files (available as free download from <https://get.adobe.com/reader/>).

**Description of Course:**

This is an advanced biology course for biology majors. In the online format, students are expected to work independently to review the assigned readings, work through assignments, and develop scientific writing skills through essays designed to coordinate with topics related to each of the course unit modules. Traditional lectures are NOT used in the online version of the course. I will provide PowerPoint slides, a video outlining main topics for each PowerPoint, and supplemental videos from other sources for you to use in conjunction with the assigned readings. I will help explain concepts to you when you have specific questions related to the course material.

**Course Objectives:**

1. Identify the basic structures of the nervous system.
2. Explain the basic functions of the nervous system.
3. Classify & summarize the major nervous system pathways and control mechanisms.
4. Explain how a nervous system pathway, neuron function, or glial cell function are affected by nervous system disorders.
5. Develop critical thinking and scientific writing skills by explaining the contributions of acclaimed neuroscientists.

**Expectations:** This course is conducted 100% online via CourseDen. You are responsible for logging into the course on CourseDen on a regular basis--logging in daily is strongly encouraged. Watch the announcement posts, calendar, unit overviews, and checklists closely for specific information and deadlines for assignments, quizzes, essays, and exams.

**This is not a high school course.** There is a large amount of material that will be covered in this course and at a **much faster pace** compared to Fall/Spring semesters. This course is designed to prepare you for professional schools upon graduation. You are required to independently review the course material in order to be successful in this course.

This course is also a Discipline Specific Writing (DSW) course. There are 4 essays (500-600 words for each essay) assigned in each major content unit within the course (Units 1-4). **All students are required to submit 2 out of the 4 essays** by the posted assigned deadline for the essays chosen. **Honor's undergraduate and graduate students must submit one additional essay by the appropriate deadline (3 out of 4 essays).** **Even if you are not submitting an essay for a given content unit, you are responsible for reviewing the reading material because the content will appear on the Unit Exams.** In addition, discussion board assignments & exams include free response questions where students write structured, concise responses to answer questions requiring more critical thinking, analysis, and synthesis of the course material.

**Online courses are not easy,** and they require more work to be done by you on your own. This course will not have traditional lectures or videos of full lectures. I will provide PowerPoint slides outlining course content and short main topic videos to help with some of the more complex material. Supplemental videos from other sources will also be provided for some of the concepts. You as the student are responsible for working independently to complete the assigned readings in order to learn the course content. Assignments within the modules are designed to help identify concepts that you understand versus those that you need to review prior to the exams. The General Discussion board is your tool to interact with your classmates and me to receive help with the material that is unclear to you while you are working through the tasks in the modules. You may also use the General Discussion board to create study groups before the exams.

Each unit will have its own learning module on CourseDen where you can access assignments and videos for that unit. There are 4 Unit modules for course material following the course introduction module. Each unit module will follow the same basic format as follows:

- **Unit Overview Page:** This page will introduce the topics covered in the module, list the learning objectives for the module, describe the tasks to

be completed in the module, and list the deadlines for all assignments within the module.

- Unit Overview Checklist: This is a list that you can check off module tasks as you complete them. Some assignments will get checked off automatically once you open the page or submit the assignment. You may also print the checklist so that you can keep track of your progress within the module.
- Unit Topic Outline: This is an outline of the material that you are responsible for learning through the completion of the assigned readings and assignments within the module. **This outline serves as your "Study Guide" for the unit assignments and exam.**
- Main Topic Videos & PowerPoint Files: I will post PowerPoint files outlining course content to supplement the assigned readings. I will also post main topic videos where I will provide additional explanations for important main ideas which you should be familiar with.
- Video Links: Links to videos that are relevant to module topics will be provided when possible to give you additional interaction with the course content. **Not all unit topics will be covered in the videos.**
- Unit Discussion Board: Discussion board post assignment answering review questions related to material on the Unit Topic Outline. You will not be able to see posts made by your peers until you submit your post. You are not allowed to edit your post once made, and you cannot make multiple posts in order to see the posts of others prior to making your post. Any deviation from this policy will be considered cheating and handled as described in the University of West Georgia Honor Code and Academic Integrity section of the syllabus. You are NOT required to reply to your peers' posts. However, if a post from a peer resonates with you, then you are encouraged to reply and discuss it with your peers. The questions in these assignments, along with the quizzes, will give you an idea on where you should spend time reviewing the unit material prior to taking the exam.
- Review Quizzes: There will be one quiz for each unit that will each consist of 10 multiple-choice and/or true-false questions chosen at random from a pool of questions; therefore, each student will have different quiz questions from his/her peers. The quiz will help you gauge how well you are recalling material from the assigned readings, PowerPoint files, and videos. There is a limited time that each quiz will be available, and you will only get 1 attempt with a 45 minute time limit for each quiz. You will not have enough time to search for answers to the questions while you are attempting the quiz, so make sure that you are prepared prior to starting your quiz attempt. The unit overview will provide you with the topics that are covered on each quiz. **A question related to the Honor Code will appear on each quiz, and this question must be answered, or the quiz will receive a 0 grade.**
- Essay Assignment Dropbox: Each module will have an essay assignment since the course is a discipline specific writing (DSW) course. **All students are required to submit 2 out 4 essays; Honor's**

- undergraduate & graduate students are required to submit 3 out of 4 essays. All essay topics will appear on Unit Exams, so you must review the assigned reading material even if you are not submitting the essay in a given unit.** The essay assignments may also be found on the Assessments tool tab in CourseDen when each unit is open. This assignment dropbox will provide the instructions for the essay as well as provide you with pdf files for additional reading material to help you with the writing assignment. Remember all files submitted to the assignment dropbox **MUST** be **MS Word or PDF** files. **Google Docs will not upload to CourseDen!** In-text citations and reference list must be in **AMA style**. **No direct quotations are allowed!** Turnitin/Grademark will be used to identify acts of plagiarism on all essay assignments and to provide you with feedback on your essay assignment. More specific instructions are provided in the Grading Policy & Rubrics section of the syllabus & on each essay assignment page found in CourseDen.
- **Unit Exam:** The exam for each unit will consist of fill-in-the-blank (with a word bank) and short answer questions chosen at random from a pool of questions administered via the quiz tool in CourseDen. Therefore, each student will have different exam questions from his/her peers. The exam will be available for a 72 hour time period. You will only get 1 attempt with a 2 hour time limit. **You will not have enough time to search for answers to the questions while you are attempting the exam, so make sure that you are prepared prior to starting your exam attempt.** The Unit Topic Outline contains all of the information that you are responsible for on the unit exam, which includes information from the unit essay assignment. **A question related to the Honor Code will appear on each exam, and this question must be answered, or the quiz will receive a 0 grade.**

### **UWG Policies:**

All Students Please Note!

For important policy information, i.e., the UWG Honor Code, Email, and Credit Hour policies, as well as information on Academic Support and Online Courses, please review the information found in the **Common Language for Course Syllabi** documentation at

<https://www.westga.edu/administration/vpaa/common-language-course-syllabi.php>

Additions and updates are made as institution, state, and federal standards change, so please review it each semester. A few of the policies are outlined briefly below.

**Accessibility Services and ADA:** In terms of the Americans with Disabilities Act, Accessibility Services in the Counseling Center will help you understand your rights and responsibilities and assist you with requesting and arranging accommodations. If you need adaptations or accommodations because of a

disability or chronic illness, please email me a copy of your eSAR from Accessibility Services in the Counseling Center by the end of the first full week of class. **NO** accommodations will be given to a student who has not provided me an eSAR.

**Fair Use:** The materials in this course and on the online course resources (CourseDen) are only for the use of members enrolled in this course for the purposes associated with this course and may not be retained or further disseminated.

**University of West Georgia Honor Code and Academic Integrity:** All students are expected to uphold the standards of academic integrity as outlined in the University's Honor Code located in the UWG Student Handbook (<https://www.westga.edu/administration/vpsa/handbook-code-of-conduct.php>). Acts of cheating or plagiarism will not be tolerated. Be sure to properly cite and paraphrase sources in your essays to avoid plagiarism. The professor has the discretion of deciding the proper course of action based on the severity of the offense. **All** offenses will result in the student receiving a grade of zero for the assignment in question. Further penalties, such as failing the entire course, will be issued as warranted on a case-by-case basis. **All** offenses and penalties will be reported to the Department Chair and the Office of Academic Affairs.

**Campus Carry:** The link for the campus policy on Campus Carry may be found at: <https://www.westga.edu/police/campus-carry.php>

**Extra Credit:** There will be no extra credit offered in this course.

**Honor's Credit:** This course may be converted for Honor's credit if the forms are completed by the deadline posted by the Honor's College. Your extra assignment for receiving the credit will be to complete a third essay assignment of the four assignment choices throughout the semester.

### **Grading Policy & Rubrics:**

#### Assignments & Point Values:

<b>Module</b>	<b>Assignment</b>	<b>Points Possible</b>
Course Overview, Policies, & Resources	Course Overview Quiz	10
Course Overview, Policies, & Resources	AMA Style & Plagiarism Quiz	10

Course Overview, Policies, & Resources	Introduce Yourself Discussion Board	20
Unit 1	Unit 1 Discussion Board	20
Unit 1	Unit 1 Review Quiz	10
Unit 1	Exam #1	100
Unit 2	Unit 2 Discussion Board	20
Unit 2	Unit 2 Review Quiz	10
Unit 2	Exam #2	100
Unit 3	Unit 3 Discussion Board	20
Unit 3	Unit 3 Review Quiz	10
Unit 3	Exam #3	100
Unit 4	Unit 4 Discussion Board	20
Unit 4	Unit 4 Review Quiz	10
Unit 4	Exam #4	100
First Essay	Choice of Essay #1-4	25
Second Essay	Choice of remaining Essay #1-4	25
Third Essay (Honor's & Graduate Students ONLY)	Choice of remaining Essay #1-4	25
<b>Total Points Possible</b>		<b>610 (635 for Honor's &amp; Graduate Students)</b>

Course Grade Calculation:

To determine your grade in the class, you will divide the number of points that you earned for all of the assignments by the total number of points possible (610



or 635). The following tables give you the range of points that you will need to earn for each letter grade.

For Undergraduate Students (BIOL 4734):

<b>Grade</b>	<b>Percentage Range</b>	<b>Points Earned</b>
A	89.5-100%	545.7-610
B	79.5-89.4%	484.7-545.6
C	69.5-79.4%	423.7-484.6
D	59.5-69.4%	362.7-423.6
F	0-59.4%	0-362.6

For Honor's Undergraduate Students (BIOL 4734):

<b>Grade</b>	<b>Percentage Range</b>	<b>Points Earned</b>
A	89.5-100%	568.1-635
B	79.5-89.4%	504.6-568
C	69.5-79.4%	441.1-504.5
D	59.5-69.4%	377.6-441
F	0-59.4%	0-377.5

For Graduate Students (BIOL 6985):

<b>Grade</b>	<b>Percentage Range</b>	<b>Points Earned</b>
A	89.5-100%	568.1-635
B	79.5-89.4%	504.6-568
C	69.5-79.4%	441.1-504.5
F	0-69.4%	0-441.0

Assignment Grading & Rubrics:

Late Assignments:

All Essay & Discussion board assignments which are completed after the submission deadline will lose 5 points per day after the submission deadline. This means that an assignment which is 24 hours or less late will lose 5 points, 24-48 hours late will lose 10 points, etc.

Quizzes & Exams are not available for completion after the submission deadline. If you are in progress with the quiz or exam at the time of the submission deadline, then the quiz/exam will be submitted as is at that time.

Quizzes & Exams:

Quizzes will have 10 questions worth 1 point each. The questions will be a combination of multiple-choice and true/false questions with questions selected randomly from question pools so that each student will have different questions. Quizzes will automatically be graded at the time of submission on CourseDen. **A question related to the Honor Code will appear on each quiz, and this question must be answered, or the quiz will receive a 0 grade.** Quiz submission and question score will be available for students to review for the exam.

Exams will consist of fill-in-the-blank (with a word bank) and short answer questions, with point values provided for each question, and the total number of points will equal 100 points. Questions are selected randomly from question pools so that each student will have different questions. **A question related to the Honor Code will appear on each quiz, and this question must be answered, or the exam will receive a 0 grade.** Exams will be graded within 7 days of the submission deadline.

Discussion Board:

The following rubric will be used to evaluate your Discussion Board posts for the Introduce Yourself, Unit 1, Unit 2, Unit 3, & Unit 4 Discussion Boards. The assignments are worth 20 points for each assignment. While I view these as participation activities for you to assess your knowledge of the unit material, there are grading standards that I use to evaluate them. **You do not earn full points merely for writing a sentence or two. You must address all parts of the assignment and must be completed by the deadline outlined in the instructions for each discussion board assignment.** You are NOT required to reply to your peers' posts. However, if a post from a peer resonates with you, then you are encouraged to reply and discuss it with your peers. Discussion boards will be graded within 7 days of the deadline for posting.

Discussion Board Grading Rubric:

	Points Rating Scale				Score
	10	7	3	0	
<b>Assignment Completion</b>	90-100% of assignment elements addressed (8-10 points possible)	50-89% of assignment elements addressed (4-7 points possible)	1-49% of assignment elements addressed (1-3 points possible)	0% of assignment elements addressed	
<b>Accuracy, Detail of Information, &amp; Writing Quality</b>	90-100% of answers are correct and post is thorough, thoughtful, & well-written (8-10 points possible)	50-89% of answers are correct or answers are not thorough and well-written (4-7 points possible)	0-49% of answers are correct or assignment elements are minimally addressed (1-3 points possible)	0% of answers are correct or writing is poor and may be off-topic	
<b>Total Points (20 points possible)</b>					

Essays:

The following rubric will be used to evaluate your two (or three for Honor's & Graduate students) essay assignments chosen from Essays #1-4 located in the four unit modules of the course. Each essay is worth up to 25 points. All essays must be submitted as **MS Word or PDF files** to the appropriate assignment folder dropbox **by the assignment deadline found in the instructions for each essay. Google Docs WILL NOT upload to CourseDen!** All essays must use **AMA style for citations** within the essay text and for the references at the end of the essay (see the AMA style resources in the Course Overview Module on CourseDen). All information should be paraphrased (<50% of text should be identical to the original source as verified by Turnitin/Grademark within CourseDen). **No direct quotations are allowed.** Remember to review the Plagiarism resources in the Course Overview, Policies, & Resources module on CourseDen; you will lose points on your essay for inadequate paraphrasing or use of direct quotations from the original sources. Future instances of plagiarism will result in receiving 0 points for your essay and possible failure of the entire course. Plagiarism will be assessed via Turnitin/Grademark once your essays are uploaded to the dropbox. Essays will be graded within 7 days of the submission deadline.

- Essay Format:
  - 500-600 words (not including reference list)
  - 12 point font (Arial or Times New Roman preferred)
  - Double-spaced with 1 inch margins
  - No abstract
  - No title page

- Specific Essay Assignment Criteria
  - All assignment elements for each essay will be outlined in the instructions for each of the four essay assignments.

Essay Assignment Grading Rubric:

	Points Rating Scale				Score
	5	4	2	0	
<b>Theme</b>	Well organized, demonstrates logical sequencing and structure.	Well organized, but demonstrates illogical sequencing or structure (3-4 points possible).	Weakly organized with no logical sequencing or structure (1-2 points possible).	No organization, sequencing, or structure.	
<b>Background/ Foundation</b>	All parts of the assignment are addressed, and detailed conclusions are reached from the evidence offered.	All parts of the assignment are not addressed or minimal conclusions are reached from the evidence offered (3-4 points possible).	All parts of the assignment are not addressed and minimal conclusions are reached from the evidence offered (1-2 points possible).	All parts of the assignment are not addressed, and no conclusions are made from the evidence offered.	
<b>Length</b>	Adheres to 500 word minimum criteria and is not over 600 words.	Does not meet 500 word criteria by 25 words or less and/or is over the 600 word maximum by 25 words or less (3-4 points possible).	Does not meet 500 word criteria by 26-50 words and/or is over the 600 word maximum by 26-50 words (1-2 points possible).	Does not meet 500 word criteria by 51 or more words and/or is over the 600 word maximum by 51 or more words.	
<b>Format</b>	12 point font, double spaced, and AMA style are correct.	Font and spacing, font and AMA style, or spacing and AMA style are correct <u>OR</u> 1 example of weak paraphrasing or using direct quotations of original sources with or without citation (3-4 points possible).	Font, spacing, or AMA style is correct <u>OR</u> 2 examples of weak paraphrasing or using direct quotations of original sources with or without citation (1-2 points possible).	Font, spacing, and AMA style are incorrect <u>OR</u> 3 or more examples of weak paraphrasing or using direct quotations of original sources with or without citation.	
<b>Grammar</b>	There are 2 or less grammatical errors.	There are 3-4 grammatical errors (3-4 points possible).	There are 4-5 grammatical errors 1-2 points possible).	There are 6 or more grammatical errors.	
<b>Total Points (25 points possible)</b>					

**Important Dates:**

Summer Semester Session II Dates:

Classes Start = Monday, June 1, 2020

Drop/Add Period = June 1-2, 2020 (ends 11:59 pm on June 2)

Withdraw with W Period = June 3-24, 2020

Independence Day Holiday (observed) = Friday, July 3, 2020

Last Day of Class = Tuesday, July 21, 2020

Final Exams = Wednesday-Thursday, July 22-23, 2020

Assignment Dates:

Module	Assignment	Dates
Course Overview, Policies, & Resources	Course Overview Quiz	Due at 11:59 pm on Wednesday, June 3, 2020  **You must earn 8+ points to open the Unit 1 module.
Course Overview, Policies, & Resources	AMA Style & Plagiarism Quiz	Due at 11:59 pm on Wednesday, June 3, 2020  **You must earn 8+ points to open the Unit 1 module.
Course Overview, Policies, & Resources	Introduce Yourself Discussion Board	Post Due at 11:59 pm on Wednesday, June 3, 2020
Unit 1	Unit 1 Discussion Board	Post Due at 11:59 pm on Friday, June 5, 2020
Unit 1	Unit 1 Review Quiz	Due at 11:59 pm on Monday, June 8, 2020
Unit 1	Essay #1  **Assigned reading will appear on Exam #1.	Due at 11:59 pm on Wednesday, June 10, 2020  **All students must submit 2 out of 4 unit essays. Honor's & Graduate students must submit 3 out of 4 unit essays.
Unit 1	Exam #1	Available from 12:01 am on Tuesday, June 9, 2020 – 11:59 pm on Thursday, June 11, 2020  Due at 11:59 pm on Thursday, June 11, 2020  **Unit 2 module will open when Exam #1 is submitted.
Unit 2	Unit 2 Discussion Board	Post Due at 11:59 pm on Thursday, June 18, 2020
Unit 2	Unit 2 Review Quiz	Due at 11:59 pm on Friday, June 19, 2020
Unit 2	Essay #2  **Assigned reading will appear on Exam #2.	Due at 11:59 pm on Tuesday, June 23, 2020  **All students must submit 2 out of 4 unit essays. Honor's & Graduate students must submit 3 out of 4 unit essays.

Unit 2	Exam #2	Available from 12:01 am on Monday, June 22, 2020 – 11:59 pm on Wednesday, June 24, 2020  Due at 11:59 pm on Wednesday, June 24, 2020  **Unit 3 module will open when Exam #2 is submitted.
Unit 3	Unit 3 Discussion Board	Post Due at 11:59 pm on Wednesday, July 1, 2020
Unit 3	Unit 3 Review Quiz	Due at 11:59 pm on Thursday, July 2, 2020
Unit 3	Essay #3  **Assigned reading will appear on Exam #3.	Due at 11:59 am on Tuesday, July 7, 2020  **All students must submit 2 out of 4 unit essays. Honor's & Graduate students must submit 3 out of 4 unit essays.
Unit 3	Exam #3	Available from 12:01 am on Monday, July 6, 2020 – 11:59 pm on Wednesday, July 8, 2020  Due at 11:59 pm on Wednesday, July 8, 2020  **Unit 4 module will open when Exam #3 is submitted.
Unit 4	Unit 4 Discussion Board	Post Due at 11:59 pm on Wednesday, July 15, 2020
Unit 4	Unit 4 Review Quiz	Due at 11:59 pm on Thursday, July 16, 2020
Unit 4	Essay #4  **Assigned reading will appear on Exam #4.	Due at 11:59 pm on Wednesday, July 22, 2020  **All students must submit 2 out of 4 unit essays. Honor's & Graduate students must submit 3 out of 4 unit essays.
Unit 4	Exam #4	Available from 12:01 am on Tuesday, July 21, 2020 – 11:59 pm on Thursday, July 23, 2020  Due at 11:59 pm on Thursday, July 23, 2020

## Lecture Topics and Assigned Readings Schedule

\*\*Assigned Reading Abbreviations:

Neuroscience Online Textbook = NeuroText

Brain Facts = BF

Human Memory Website = Memory

<b>Module</b>	<b>Date</b>	<b>Topic</b>	<b>Assigned Reading</b>
Course Overview, Policies, & Resources	Monday, June 1, 2020- Wednesday, June 3, 2020	Introduction to course policies, procedures, and resources. Explanation about AMA citation style, which is required for all essays submitted in the course. Explanation of plagiarism.	All files located in the module on CourseDen.
Unit 1: The Nervous System Organization & Generating Electrical Potentials	Monday, June 1, 2020-Thursday, June 11, 2020	Neuroanatomy: cell types of the nervous system & organization of the nervous system  Generating membrane potentials & Neural network integration mechanisms	<u>NeuroText</u> : Section 1: Introduction & Chapters 1-3, & 8 Section 2: Chapters 1 & 3 <u>BF</u> : Chapter 1
Unit 2: Communication Between Neurons	Friday, June 12, 2020- Wednesday, June 24, 2020	Synapses & Neurotransmitter trafficking within chemical synapses  Neurotransmitters and receptors	<u>NeuroText</u> : Section 1: Chapters 4-7 & 9-14 <u>BF</u> : Chapter 1
Unit 3: Sensory Systems	Thursday, June 25, 2020- Wednesday, July 8, 2020	Sensory systems	<u>NeuroText</u> : Section 2: Chapters 2, 4-15 <u>BF</u> : Chapter 2
Unit 4: Motor Systems, Homeostasis, & Higher Brain Functions	Thursday, July 9, 2020-Thursday, July 23, 2020	Motor systems  Hypothalamus, Limbic system, & Learning and memory	<u>NeuroText</u> : Section 3: Chapters 1-5 Section 4: Chapters 1-3, 5-7 <u>BF</u> : Chapters 3-5, 9, & 10 <u>Memory</u> : read website