

NJIT Neuropathology 448 Fall 2015

Instructor: Darshan J Desai darshan@njit.edu

Course Day and times: Tuesday & Thursday-5:45pm to 7:15PM

Room: Central King Building (CKB) 316.

Text Books: Neuroanatomy Through Clinical Cases 2nd Edition by Hal Blumenfeld
& Strunk and White Elements of Style

All titles are available in NJIT Bookstore or Amazon.com

<u>Lecture/Date</u>	<u>Day</u>	<u>Topic</u>
1 Sept 1	Tuesday	Intro to the course/Objectives
2 Sept 3	Thursday	Intro to Brain & nervous system
3 Sept 10	Thursday	Intro Cell biology
4 Sept 15	Tuesday	Intro Molecular Biology
5 Sept 17	Thursday	Intro to pathology
6 Sept 22	Tuesday	Continued intro to pathology
7 Sept 24	Thursday	TBD
8 Sept 29	Tuesday	TBD
9 Oct 1	Thursday	TBD
10 Oct 6	Tuesday	TBD
11 Oct 8	Thursday	TBD
12 Oct 13	Tuesday	TBD
13 Oct 15	Thursday	TBD
14 Oct 20	Tuesday	TBD
15 Oct 22	Thursday	TBD
16 Oct 27	Tuesday	TBD
17 Oct 29	Thursday	Student disease A-1 TBD
18 Nov 03	Tuesday	Student disease A-2 TBD
19 Nov 05	Thursday	Student disease B-1 TBD
20 Nov 10	Tuesday	Student disease B-2 TBD
21 Nov 12	Thursday	Student disease C-1 TBD
22 Nov 17	Tuesday	Student disease C-2 TBD

23	Nov 19	Thursday	Student disease D-1 TBD
24	Nov 24	Tuesday	Student disease D-2 TBD
25	November 26	NO CLASS-	GOBBLE GOBBLE – THANKSGIVING
26	Dec 1	Tuesday	Large Group disease A-1 TBD
27	Dec 3	Thursday	Large Group disease A-1 TBD
28	Dec 8	Tuesday	Large Group disease B-1 TBD
29	Dec 10	Thursday	Large Group disease B-2 TBD

Goals & Objective of BIOL448

- This is a seminar style course where peer reviewed journals articles and the latest scientific advances will be identified, reviewed and assessed as a class.
- The instructor will only provide background and demonstration in the early portion of the Fall 2015 semester as indicated by the dates above.
- Only if necessary, will the course instructor add to the course materials – once the background/demonstration period is over, students will be solely be responsible for course progression.
- Students are required to utilize various medical, scientific and technology databases (PubMed, Google Scholar, Web of Science) to find articles.
- Students are required to organize presentations view PowerPoint (only) to present their finding to the class- the goal of which is to learn and master how to present these materials to scientific peers and professionals.
- Students will generate mini-reviews, as discussed below and based exclusively on the ALL materials used in their team or individual presentations.
- The course will be administered via MOODLE – you must have access to NJIT MOODLE.

Grading:

- Groups will be graded by both students and the instructor.
- The Instructor will have 65% of value (power points and written mini-review works), with student's evaluation being 15% of complete grade.
- A cumulative final will be at the end of the semester during finals period 10%. You will also have quizzes every week for the topics covered for that week that will be 10%.
- Students will be assigned a unique and anonymous identifier (*known only to the instructor*) to allow for objective and un-restrictive assessment of the presentation and work effort of seminar speaker and teammates.
- 2 weeks after the student's presentation, student speakers will have the anonymous critiques from the class and the instructor to allow for use in

improvement of successive preparation and presentation—this will be posted on Moodle.

A= 90% or higher

B= 80% or higher

C= 70% or higher

D= 60% or higher

F= below 60%

GRADES ARE NEGOTIABLE – DO NOT ASK OR TRY!

Presentation:

- Teams of 2 (or 3, if not individuals) will prepare the power points with a lecture length of **45mins**, followed by discussion time by audience and instructor.
- Teams or student presenters will have all PDFs of the journal articles and reference materials used to generate the seminar **1 week** prior to the date of the seminar for upload to Moodle and proper review by fellow students and instructor, as well as a 1 page summary paper the student audience to utilize- **Failure to provide materials on schedule will immediately result in a FULL LETTER grade reduction for the group. NO EXCEPTIONS**
- Presentations should have a history of the pathology, epidemiology of the pathology, history of the disease, clinical diagnostic/biochemical characterization of the pathology, a detailed biochemical/molecular/biological mechanism of the pathology, current therapeutic options and an emergent therapy.
- Student presenters will have to submit a 5-10 page mini-review of the topic covered, done individually & independently by each student **1 week** after the student's presentation **Late submission of the critique will result in an automatic 25% reduction in the student's grade for each day it is late!**
- These papers will be submitted to **Turnitin.com** via **MOODLE** for review and academic integrity validation. **Any report that has over 25% or higher similarity reports will be characterized as plagiarized and will result in unconditional failure of the assignment, followed by immediate reporting of the incident to department, chairman and dean.**
- **As a Writing Intensive/Honors Course, Student presenters will have to submit a 5-10 page mini-review of the topic covered; this is done individually & independently by each student, and is due 1 week post the student's presentation (4 writing assignments in total). Late submission will not be accepted under any circumstances!!**
- First drafts of these papers will be submitted to **Turnitin.com** via **MOODLE** for review, edit recommendations, and academic integrity validation. **Any report that has over 25% or higher similarity reports will be characterized as plagiarized and will result in unconditional failure of**

- the assignment, followed by immediate reporting of the incident to department, chairman and dean.* Once students receive the corrected 1st drafts from the instructor, they will re-submit the second edited draft for second review and comments after 1 week, and after a 2nd review, where student will receive further comments and edits, students will resubmit a final version after 1 week to be graded.
- Each student will be assigned a **Final major 15-20 page research paper** assignment on September 30th. This paper will be in a professional "review" format to be clarified by the instructor. This assignment will be **due on December 1, 2015**. *Late submission will result in a drop in letter grade for each day it is late.*

Plagiarism is defined as the act of using another person's words or ideas without giving credit to that person!

This is an honors course and there is zero tolerance!!

Office Hours:

Monday: 11am to 12pm & 1pm to 230pm

Wednesday: 11:30am to 2pm

Students must make an appointment to meet!

Phone: 973.642.7084

Email: darshan@njit.edu

Skype ID : njitpha

With regards to responding to email correspondence, I will try to reply to emails within 24-48 hrs after receiving them. Please include the course number and name in subject line of email. If you do not receive a reply from me by then, please email me again including the original email sent!