

Spring Semester 2023 – OST571

Neuromusculoskeletal

Lecture-Lab Schedule

Rev. 2/22/2023 BjR

Week 1:

Monday, January 9, 2023

Time	Title	Faculty	Origin
8:00 AM - 8:50 AM	001 - Orientation	Atkin/Ward	Lec REM
9:00 AM - 9:50 AM	002 - Principles of Neurobiology I	Atkin	Media
10:00 AM - 10:50 AM	003 - Principles of Neurobiology II	Atkin	Media

Tuesday, January 10, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	004 - Development of the Nervous System	Nazaroff	Media
9:00 - 9:50 a.m.	005 - Cells, Synapses & Neurotransmitter Systems	Nazaroff	Media
10:00 - 10:50 a.m.	006 - Meninges, Ventricular system, CSF, BBB, CNS Blood Supply	Ward	Media
11:00 - 11:50 a.m.	007 - Spinal Cord I: Anatomy, Internal Organization, & Spinal Nerves	Tilden	Media

Wednesday, January 11, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	008 - Spinal Cord II: Ascending Tracts	Tilden	Media
9:00 - 9:50 a.m.	009 - Spinal Cord III: Motor Function & Spinal Reflexes	Tilden	Media
10:00 - 10:50 a.m.	010 – Autonomic Nervous System	Tilden	Media
11:00 - 11:50 a.m.	011 - Autonomic Reflexes: Micturition	Tilden	Media

Thursday, January 12, 2023

Time	Title	Faculty	Origin
8:00 - 9:50 a.m.	Lab 1 - Overview & Spinal Cord – see D2L for assigned meeting - Not Recorded	Anatomy Faculty	Lab REM NR
10:00 - 10:50 a.m.	012 – Introduction to the Neurologic Exam	Atkin/Ward	Lec REM
11:00 - 11:50 a.m.	013 – Differential Day/Review Case	Atkin/Ward	Lec REM

Friday, January 13, 2023

Time	Title	Faculty	Origin
9:00 - 9:50 a.m.	Patient Presentation – Mandatory – Not Recorded	Ward	Disc REM
10:00 - 11:35 a.m.	Case Based Learning – Mandatory – Not Recorded	Course Faculty	Disc REM
11:35 - 11:50 p.m.	Quiz 1 – Mandatory		ONLINE

Week 2:

Monday, January 16, 2023

MLK DAY

No content scheduled

Tuesday, January 17, 2023

Time	Title	Faculty	Origin
8:00 - 9:30 a.m.	UNIT EXAM 1 (In person)		Site Specific
10:00 - 10:50 a.m.	014 - Vision System – Central Visual Pathway	Tilden	Media
11:00 - 11:50 a.m.	015 - Brainstem Introduction & Anatomy	Weber	Media

Wednesday, January 18, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	016 - Brainstem Patterns	Kerver	Media
9:00 - 9:50 a.m.	017 - Internal Anatomy of the Medulla	Kerver	Media
10:00 - 10:50 a.m.	018 - Internal Anatomy of the Pons	Kerver	Media
11:00 - 11:50 a.m.	019 - Internal Anatomy of the Midbrain	Weber	Media

Thursday, January 19, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	020 - Eye Movements & Visual Reflexes	Weber	Media
9:00 - 9:50 a.m.	Differential Day		
10:00 - 11:50 a.m.	Lab 2 - Brainstem – see D2L for assigned meeting – Not Recorded	Anatomy Faculty	Lab REM NR
1:00 – 1:50 p.m.	021 - Auditory & Vestibular Systems	Kerver	Media

Friday, January 20, 2023

Time	Title	Faculty	Origin
9:00 - 9:50 a.m.	Patient Presentation – Mandatory – Not Recorded	Ward	Disc REM
10:00 - 11:35 a.m.	Case Based Learning - Mandatory – Not Recorded	Course Faculty	Disc REM
11:35 – 11:50 a.m.	Quiz 2 – Mandatory		ONLINE

Week 3:

Monday, January 23, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	022 - Principles of Motor Control	Atkin	Media
9:00 - 9:50 a.m.	023 – The Basal Ganglia	Atkin	Media
10:00 - 10:50 a.m.	024 - The Cerebellum	Atkin	Media
11:00 - 11:50 a.m.	025 - Brainstem Review I	Weber	Lec REM

Tuesday, January 24, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	026 - Cerebral cortex, white matter & somatosensory system	Atkin	Media
9:00 - 9:50 a.m.	027 - Thalamus	Atkin	Media
10:00 - 10:50 a.m.	028 - Hypothalamus & Pituitary	Atkin	Media
11:00 - 11:50 a.m.	029 - Communicating Neuro with Lay Audiences	Atkin	Lec REM

Wednesday, January 25, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	030 – Olfaction & Taste	Atkin (Lovell)	Self-Study
9:00 - 9:50 a.m.	031 - Brainstem Review II	Weber	Lec REM
10:00 - 11:50 a.m.	032- Neurological Exam	Kaufman	Media
1:00 – 2:50 p.m.	Lab 3 - Cerebrum – see D2L for assigned meeting – Not Recorded	Anatomy Faculty	Lab REM NR

Thursday, January 26, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	033 - Higher Cortical Function Part 1	Burghardt	Lec REM
9:00 - 9:50 a.m.	034 - Higher Cortical Function Part 2	Burghardt	Lec REM

Friday, January 27, 2023

Time	Title	Faculty	Origin
9:00 - 9:50 a.m.	Patient Presentation – Mandatory – Not Recorded	Ward	Disc REM
10:00 - 11:35 a.m.	Case Based Learning - Mandatory – Not Recorded	Course Faculty	Disc REM
11:35 - 11:50 a.m.	Quiz 3 – Mandatory		ONLINE

Week 4:

Monday, January 30, 2023

Time	Title	Faculty	Origin
8:00 - 10:30 a.m.	UNIT EXAM 2 (in person)		Site Specific
1:00 - 1:50 p.m.	035 - Patterned Tissue Reactions in Neuropathology	Nazaroff	Self-Study
2:00 - 2:50 p.m.	036 - Headache	Rosenbaum	Self-Study

Tuesday, January 31, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	037 – Meningitis	Gulick	Media
9:00 - 9:50 a.m.	038 - Manifestations of HIV in the Nervous System	Gulick	Media
10:00 - 10:50 a.m.	039 - Increased ICP & Herniation	Kerver (Lovell)	Media
11:00 - 11:50 a.m.	040 - Coma	Ward	Media

Wednesday, February 1, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	041 – Cerebrovascular Disease I	Ward	Media
9:00 - 9:50 a.m.	042 – Cerebrovascular Disease II	Ward	Media
10:00 - 10:50 a.m.	043 – Multiple Sclerosis	Ward	Media
11:00 - 11:50 a.m.	044 – Differential Day/Review Case	Atkin/Ward	Lec REM

Thursday, February 2, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	045 - Viral Infections in which CNS Manifestations Dominate	Rosenberg	Media
10:00 - 10:50 a.m.	047 - Normal Sleep & Sleep Disorders	Ward	Self-Study
11:00 - 11:50 p.m.	048 - Toxic/Nutritional & Acquired Metabolic Disorders	Nazaroff	Media

Friday, February 3, 2023

Time	Title	Faculty	Origin
9:00 - 9:50 a.m.	Patient Presentation – Mandatory – Not Recorded	Sidiropoulos	Disc REM
10:00 - 11:35 a.m.	Case Based Learning - Mandatory – Not Recorded	Course Faculty	Disc REM
11:35 - 11:50 a.m.	Quiz 4 – Mandatory		ONLINE

Week 5

Monday, February 6, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	049 – Demyelinating Disorders	Nazaroff	Media
9:00 - 9:50 a.m.	050 – Dizziness	Ward	Remote
10:00 - 10:50 a.m.	051 – CNS Neoplasm Imaging	Robinson	Lec REM
11:00 - 11:50 a.m.	052 – Cerebrovascular Disease Imaging	Robinson	Lec REM
1:00 - 1:50 p.m.	053 – Differential Day/Review Case	Atkin/Rosenbaum	Lec REM
2:00 - 2:50 p.m.	Core Wellness - Module 7: Nucleus Beliefs Exercise	Lippert	Lec REM

Tuesday, February 7, 2023

Time	Title	Faculty	Origin
10:00 - 10:50 a.m.	054 – Movement Disorders I	Goudreau	Media
11:00 - 11:50 a.m.	055 – Movement Disorders II	Goudreau	Media

Wednesday, February 8, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	056 – Dementia & Delirium	Rosenbaum	LecREM
9:00 - 9:50 a.m.	057 - CNS Degenerative & Prion Diseases	Atkin	Media
10:00 - 10:50 a.m.	058 – CNS Neoplasms	Nazaroff	Media
11:00 - 11:50 a.m.	059 – Seizures	Rosenbaum	Lec REM

Thursday, February 9, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	060 – Head Trauma Clinical Concussion	Rosenbaum	Self-Study
9:00 - 9:50 a.m.	061 – Head & Spinal Cord Trauma Pathology	Nazaroff	Media
10:00 - 10:50 a.m.	062 – Pharmacology of Anticonvulsants	Keating	Media
11:00 - 11:50 a.m.	063 – Imaging of Head Trauma	Robinson	Lec REM

Friday, February 10, 2023

Time	Title	Faculty	Origin
9:00 - 9:50 a.m.	Patient Presentation – Mandatory – Not Recorded	Ward	Disc REM
10:00 - 11:35 a.m.	Case Based Learning – Mandatory – Not Recorded	Course Faculty	Disc REM
11:35 - 11:50 a.m.	Quiz 5 – Mandatory		ONLINE

Week 6

Monday, February 13, 2023

Time	Title	Faculty	Origin
11:00 - 11:50 a.m.	064 – Disease & Pathology of PNS	Chang	Media
1:00 – 3:00 p.m.	UNIT EXAM 3 (in-person)		Site specific

Tuesday, February 14, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	065 – Embryology of Nerves & Muscles	Schaefer	Media
9:00 - 9:50 a.m.	066 – Motor Neuron & Principles of Electrodiagnostics	Flink	Media
10:00 - 10:50 a.m.	067 – Evaluation of neuromuscular weakness I	Flink	Media
11:00 – 11:50 a.m.	068 – Evaluation of neuromuscular weakness II	Flink	Media

Wednesday, February 15, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	069 – Rheumatology I	Rockwell	Media
9:00 - 9:50 a.m.	070 – Rheumatology II	Rockwell	Media
10:00 - 10:50 a.m.	071- RAD Spine	Robinson	Media
11:00 – 11:50 a.m.	072 - RAD Lower Extremity	Robinson	Media

Thursday, February 16, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	073 – Drugs to treat inflammation & arthritis	Fink	Media
9:00 - 9:50 a.m.	074 – Drugs to treat arthritis & gout	Fink	Media
10:00 - 10:50 a.m.	075 - Lower Extremity I	Kovan	Media
11:00 – 11:50 a.m.	076 - Lower Extremity II	Kovan	Media

Friday, February 17, 2023

Time	Title	Faculty	Origin
9:00 - 9:50 a.m.	Patient Presentation CANCELLED		
10:00 - 11:35 a.m.	Case Based Learning – CANCELLED		
11:35 - 11:50 a.m.	Quiz 6 – Changed to OPTIONAL formative quiz		ONLINE
1:00 – 2:50 p.m.	Lab 4 – Spine/Lower Extremity – see D2L for assigned meeting – Recorded for on-demand viewing	Anatomy Faculty	*Live Zoom or via Media

*You may join the lab session live (your lab assignments and zoom links are in D2L) or you may watch the recording at a later date/time.

Week 7

Monday, February 20, 2023

Time	Title	Faculty	Origin
8:00 - 9:55 a.m.	UNIT EXAM 4 (in person) Optional formative assessment		Site specific Online only
1:00 - 1:50 p.m.	077 - Mononeuropathies	Ward	Self-study
2:00 - 2:50 p.m.	078 - Neurobiology of Pain & Abnormal Pain State	Ward	Self-Study
3:00 - 3:50 p.m.	079 - Cervical and Lumbar Radiculopathy	Andary	Self-Study

Tuesday, February 21, 2023

Time	Title	Faculty	Origin
8:00 – 8:50 a.m.	080 - Osteomyelitis & Septic Arthritis	Gulick	Media
9:00 – 9:50 a.m.	081 - Principles for use of centrally acting drugs; general & local anesthetics	Fink	Lec-REM Media
10:00 - 10:50 a.m.	082 – Opioids I	Fink	Lec-REM Media
11:00 – 11:50 a.m.	083 – Opioids II	Fink	Lec-REM Media

Wednesday, February 22, 2023

Time	Title	Faculty	Origin
8:00 - 8:50 a.m.	084 - RAD Upper Extremity	Robinson	Lec REM
9:00 - 9:50 a.m.	085 - Principles of Rehab	Prokop	Media
10:00 - 10:50 a.m.	086 - Back Pain	Ward	Media
11:00 - 11:50 a.m.	087 –Normal Gait & Abnormal Gait	Prokop	Self-study

Thursday, February 23, 2023

Time	Title	Faculty	Origin
9:00 – 9:50 a.m.	089 - Bone Tumors and Inflammatory Joint Diseases	Kowalski	Media
10:00 - 10:50 a.m.	090 - Upper Extremity I	Kovan	Lec-REM Media
11:00 - 11:50 a.m.	091 - Upper Extremity II	Kovan	Lec-REM Media

Friday, February 24, 2023

Time	Title	Faculty	Origin
9:00 - 9:50 a.m.	Patient Presentation – Mandatory – Not Recorded Open Session with Course Directors - Optional	Drs. Atkin & Ward	Online/Zoom
10:00 - 11:35 a.m.	Case-Based Learning – Mandatory – Not Recorded Cancelled	Course Faculty	Disc-REM
11:35 - 11:50 a.m.	Quiz 7 – Mandatory-Optional – points will be awarded to all students		ONLINE/D2L
1:00 – 2:50 p.m.	Lab 5 – Upper Extremity – One session only. Optional. Recorded. Points awarded to all students.	Dr. Tilden	Online

Week 8

Monday, February 27, 2023

Time	Title	Faculty	Origin
1:00 - 1:50 p.m.	092 - General Ophthalmology 1	Evans	Media
2:00 - 2:50 p.m.	093 - General Ophthalmology 2	Evans	Media
3:00 - 3:50 p.m.	094 - Retina	Moore	Media
4:00 - 4:50 p.m.	095 - Pediatric Ophthalmology	Glisson	Media

Tuesday, February 28, 2022

Time	Title	Faculty	Origin
10:00 - 10:50 a.m.	096 - Ophthalmology Afferent	Kaufman	Media
11:00 - 11:50 a.m.	097 - Ophthalmology Efferent	Kaufman	Media

Wednesday, March 1, 2023

Time	Title	Faculty	Origin
10:00 - 10:50 a.m.	098 - Ophthalmology Cases	Kaufman	Lec REM

Thursday, March 2, 2023

No OST 571 content

Friday, March 3, 2023

Time	Title	Faculty	Origin
8:00 - 11:35 a.m.	UNIT EXAM 5 (in-person)		Site specific