

# OST 580 – Respiratory Medicine Course Schedule

Spring Semester 6 – 2020

Updated  
03/30/2020 sg

## Session 1 lectures: (review prior to Feb 17, 2020, S6 Unit Exam 2)

Viewing Order	Lecturer	Title	Elapse Time
1	Fitzsimmons	Lung Surface Anatomy (General, male and female auscultation posts)	23:03
2	Fitzsimmons	Thoracic Cavity and Lungs	43:11
3	DiCarlo	Chapter 1: Respiratory Microanatomy (Histology)	48:04
4	DiCarlo	Chapter 2: Basic Concepts I Chapter 2: Basic Concepts II	34:32 49:00
5	Dicarolo	Chapter 3: Pulmonary Mechanics I Chapter 3: Pulmonary Mechanics II	36:21 40:35
6	DiCarlo	Chapter 4: Pulmonary Ventilation I Chapter 4: Pulmonary Ventilation II	48:00 46:00
7	DiCarlo	Chapter 5: Pulmonary Blood Flow I Chapter 5: Pulmonary Blood Flow II	43:13 40:35
8	DiCarlo	Chapter 6: Pulmonary Gas Exchange I Chapter 6: Pulmonary Gas Exchange II	27:02 34:06
9	DiCarlo	Chapter 7: Gas Transport: Lungs and Periphery I Chapter 7: Gas Transport: Lungs and Periphery II Chapter 7: Gas Transport: Lungs and Periphery III	39:51 37:32 21:16
10	DiCarlo	Chapter 8: Control of Regulation	20:08
11	Gerstner	Lung and Thorax – the H & P	22:40
12	Gerstner	Arterial Blood Gasses	22:53
13	Gobel	Oxygen transport and delivery	14:14
14	Gobel	Respiratory Failure	6:31
15	Gobel	Pulmonary Function Tests	18:05
16	Nantais	Immunology Review - Part 1 Immunology Review - Part 2 Immunology Review - Part 3 Immunology Review - Part 4 Immunology Review - Part 5	TBD

Viewing Order	Lecturer	Title	Elapse Time
		Immunology Review - Part 6	
17	Thomas	OST558 – Neonatal Respiratory Disorders	38:36

**Approximate Elapse time for OST580 online modules: 13 hours**

**Approximate Elapse time for OST558 online modules: 38 minutes**

(Peds content for this week): Neonatal Respiratory Disorders

### Session 2 lectures: (review prior to Feb. 17, 2020, S6 Unit Exam 2)

Viewing Order	Lecturer	Title	Elapse Time
1	Nassiri	Pharmacology of Respiratory Infections – Treatment of GAS and Bacterial Pneumonia	1:29:35
2	Wilkins	Micro – Bacterial Classification and Structure	15:07
3	Wilkins	Micro – Bacterial Physiology and Genetics	24:54
4	Wilkins	Micro – Normal Human Microbiota and an Overview of Bacterial Classes	15:30
5	Wilkins	Micro – Bacterial Respiratory Pathogens	16:17
6	Gulick	Pulmonary Defenses	1:02:41
7	Gulick	Pulmonary Infections in the Immunocompromised Patient	1:02:02
8	Gulick	Community Acquired Pneumonia (CAP)	41:39
9	Gulick	Health Care Associated Pneumonia (HAP)	64:31
10	Butki	Sepsis	19:52
11	Rosenberg	Viral Respiratory Infections Part I	29:30
12	Rosenberg	Viral Respiratory Infections Part II	Cont.
13	Nassiri	Pharmacology of Viral Respiratory Infections	23:42
14	Kowalski	Pathology of Acute and Subacute Infections	51:19
15	Kowalski	Pathology of Chronic Pulmonary Infections	35:36

Viewing Order	Lecturer	Title	Elapse Time
16	Pernicone	Rad-Module 1 – Respiratory & Sinus Radiology	40:23
17	Pernicone	Rad-Module 2 – The Normal Chest	15:08
18	Pernicone	Rad-Module 4A – The Airway	13:45
19	Pernicone	Rad-Module 4B – Hilar Anatomy and Pathology	12:40
20	Pernicone	Rad-Module 4C – Bronchi and Lungs	1:27:41
21	Pernicone	Rad-Module 4D – Pulmonary Embolism and Infarction; pleural disease	17:19
22	Pernicone	Rad-Module 6 - Normal Sinus Anatomy, sinus x-ray views & sinus pathology	10:46
23	Pernicone	Rad - Module 7 - Normal CT and x-ray of mastoids; mastoid pathology	4:54
24	Kowalski	Pulmonary Pathology of Immunocompromised Hosts	36:37
25	Gobel	Hemoptysis	Handout only
26	<i>Rosenberg</i>	<i>OST558 Approach to the Febrile Infant and Child</i>	<i>11:25</i>
27	<i>Rosenberg</i>	<i>OST558 Congenital Infections</i>	<i>28:42</i>
28	Gobel	Cough	Handout only
29	<i>von Holsbeck</i>	<i>OST558 – Pediatric Chest Radiology</i>	<i>22:28</i>

**Approximate Elapse time for OST580 online modules: 13 hours**

**Approximate Elapse time for OST558 online modules: 1 hr. 2 mins.**

**\*\*Note: All radiology modules may be tested again on subsequent exams in addition to the final exam.**

(Peds content for this week): Approach to the Febrile Infant and Child, Congenital Infections, Pediatric Chest Radiology

**Session 3 lectures: (review prior to Mar. 19, 2020, S6 Unit Exam 4)**

Viewing Order	Lecturer	Title	Elapse Time
1	Gobel	Asthma	21:07
2	Gobel	COPD	15:58
3	Gobel	COPD Medical Management	10:46
4	Thornburg	Asthma and COPD meds	39:13
5	Hughes	Clinical Approach to Acute Bronchodilator in an Emergency	20:37
6	Hughes	Math calculations	6:44
7	Kowalski	Pathology of Obstructive Pulmonary Diseases	50:59
8	Gobel	Acute Respiratory Distress Syndrome (ARDS)	15:51
9	Gobel	Respiratory Failure Modes of Ventilatory Support	17:21
10	Kowalski	Pathology of ARDS / Shock/ DIC	36:50
11	Gulick	Mycobacterium Tuberculosis	42:21
12	Gulick	Atypical Mycobacteria	39:46
13	Nassiri	Pharmacology of Pulmonary TB	57:00
14	Gorbis	OPP in the Pulmonary Patient OPP in Pulmonary Disease	6:20 17:51
15	Gulick	Fungal Respiratory Infections	53:45
16	Nassiri	Pharmacology of Respiratory Infections – Treatment of Fungal Lung Infections	TBD
17	<i>Thomas</i>	<i>OST558 Cystic Fibrosis</i>	<i>66:29</i>
18	<i>Sims</i>	<i>OST558 Pediatric Otitis Media</i>	<i>32:03</i>
19	<i>Sims</i>	<i>OST558 Pediatric Ear, Nose, Throat</i>	<i>67:25</i>
20	<i>Douma</i>	<i>OST558 Pediatric Reactive Airway Disease and Asthma</i>	<i>35:46</i>
21	<i>Boote</i>	<i>OST558 Pediatric Lower Airway Chest Disorders</i>	<i>34:12</i>
22	<i>Boote</i>	<i>OST558 Pediatric Allergic Reactions</i>	<i>54:24</i>
23	<i>Kowalski</i>	<i>OST558 Pediatric Neonatal Pulmonary Pathology</i>	<i>29:00</i>
24	Gobel	Pulmonary Issues in Pregnancy	25:53
25	Hughes	24-A. Upper Airway Emergencies Chapter 1 Intro 24-B. Upper Airway Emergencies Chapter 2 Infections Disorders 24-C. Upper Airway Emergencies Chapter 3 Inflammatory 24-D. Upper Airway Emergencies Chapter 4 Pertussis	10:02 33:38 16:32 11:33
26	Hughes	Developing a Differential Diagnosis: Prep for lab	21:20

Viewing Order	Lecturer	Title	Elapse Time
27	Thornburg	Pharmacology of Antihistamines, Antitussives, Expectorants, Decongestants/cough and cold preps	28:30

**Approximate Elapse time for OST580 online modules: 11 hours**

**Approximate Elapse time for OST558 online modules: 5 hrs., 30 mins**

**\*\*Note: All radiology modules may be tested again in Session 3 and 4 in addition to the final exam.**

(Peds content for this week): Cystic Fibrosis, Otitis Media, ENT, Pediatric Asthma, Peds Lower Airway, Peds Allergic Reactions, Pediatric Neonatal Pulmonary Pathology

### Session 4 (review prior to Mar. 19, 2020, S6 Unit Exam 4)

Viewing Order	Lecturer	Title	Elapse Time
1	Geske	Nasal Cavity and Sinuses (Anatomical relationships, radiographic landmarks, blood supply to/innervation of)	29:57
2	Fitzsimmons	Ear (Radiology, external ear, middle ear, mastoid process, Eustachian tube, lymphatics)	20:30
3	Geske	Pharynx and Larynx (Fascia, embryology, pharynx lymphatics, larynx ligaments, larynx muscles, thyroid gland)	32:36
4	Geske	Oral Cavity and teeth	29:00
5	Fitzsimmons	Lymphatic Drainage of Head and Neck (on D2L in Session 4 folder)	On D2L
6	Gobel	Interstitial Lung Disease	17:42
7	Gobel	Occupational and Environmental Lung Disease	18:30
8	Kowalski	Pathology of Interstitial & Restrictive Pulmonary Diseases	43:47
9	Gobel	Sarcoidosis	20:26
10	Kaufman	Hypercalcemia/Sarcoid	10:20
11	Kowalski	Pulmonary Vascular Pathology	27:03
12	Kowalski	Pathology of the Oral Cavity and the Oronasopharynx	38:49
13	Thornburg	Anticoagulants, Antiplatelet Drugs and Thrombolytics	26:40
14	Hughes	<b>***Complete before attending Airway Lab on 3/9/20***</b> I Can't Breathe – Part I I Can't Breathe – Part II I Can't Breathe – Part III	22:54 21:09 42:47

Viewing Order	Lecturer	Title	Elapse Time
15	Hughes	Chest Trauma – Parts 1	16:14
		Chest Trauma – Parts 2	21:56
		Chest Trauma – Parts 3	13:38
		Chest Trauma – Parts 4	8:25
16	Gobel	Pleural Disease	30:00
17	Gulick	Cancer of the Lung	39:20
18	Kowalski	Pulmonary and Pleural Neoplasia	1:07:14
19	Gobel	Sleep Related Breathing Disorders	26:30
20	Strabbing	ENT Sleep	13:33
21	Hughes	Periorbital and Orbital Cellulitis	10:49
22	Strabbing	ENT Rhinitis	6:17
23	Strabbing	ENT Sinusitis	15:02
24	Strabbing	ENT External Ear	11:16
25	Strabbing	ENT Middle Ear	14:22
26	Strabbing	ENT Inner Ear	18:20
27	Strabbing	ENT Epistaxis	13:30
28	Strabbing	ENT Head and Neck masses	10:42
29	Strabbing	ENT Oral and Oropharyngeal cancer	7:12
30	Strabbing	ENT Pharyngeal and Adenotonsillar disorders	07:07
31	Strabbing	ENT Salivary Glands	5:40
32	Kowalski	Pathology of the Larynx and neck	21:15
33	Gobel	Urticaria (Hives) / Angioedema	Handout only
34	Gobel	Anaphylaxis	Handout only
35	Stringer	OST558 - Acutely Ill and Injured child	23:10

**Approximate Elapse time for OST580 online modules: 13-14 hrs.**

**Approximate Elapse time for OST558 online modules: 23 mins.**

**\*\*Note: All radiology modules may be tested again in Session 3 and 4 in addition to the final exam.**

**(Peds content for this week): Acutely ill/injured child.**

Day	Date	Time	Origination	Title	Presenter	Pre COVID 19	Post COVID 19
Mon	02/10/20	Open 6:30am - 8:30am	Online	<b>Exam soft quiz #1</b>			
Mon.	02/10/20	See D2L for site specific times	Local - see group list on D2L	Session 1 - All sites (Mandatory) ABG, Physiology I, PFT, Suture			
Weds.	02/12/20	10:00-11:50am 1:00 -2:50pm 3:00 -4:50pm	Local - see group list on D2L	Histology Lab (Mandatory) *Reef Polling*			
Thurs.	02/13/20	10:00-10:30am	Local	Histology Review			
Thurs.	02/13/20	11:00 -11:50am	EL E105	Physiology Review (No mediasite)			
Fri.	02/14/20	Open 6:30am - 8:30am	Online	<b>Exam soft quiz #2</b>			
Fri.	02/14/20	See D2L for site specific times	Local - See group list on D2L	Session 2 - All sites (Mandatory) Micro/ID I, Pharm I, Radiology, Physiology II			
Mon.	02/17/20	9:00 -11:50am	Local - Rooms to be announced	<b>SEM 6 UE2</b> (Online modules Session 1 and 2)			
Fri.	02/21/20	9:00 -11:00am	MUC only	MUC-Micro/Derm/GU Respiratory lab (Mandatory)			
Fri.	02/21/20	1:00 -3:00pm	DMC only	DMC-Micro/Derm/GU Respiratory lab (Mandatory)			
Mon.	02/24/20	Open 6:30am - 8:30am	Online	<b>Exam soft quiz #3</b>			
Mon.	02/24/20	See D2L for site specific times	Local - see group list on D2L	Session 3 – All sites (Mandatory) Micro/ID II, Pharm II, Resp Board Rev., Dyspnea			
Weds.	02/26/20	8:00 - 4:50pm	Local - see group list on D2L	EL-Micro/Derm GU Respiratory lab (Mandatory)			
Weds.	02/26/20	8:00 -11:50am	<u>All SEMI</u> students at the Macomb site	SEMI-Ultrasound (Mandatory)			

Day	Date	Time	Origination	Title	Presenter	Pre COVID 19	Post COVID 19
Thurs.	02/27/20	10:00 -5:00pm	EL only - see group list on D2L	EL-Ultrasound (Mandatory)			
Mon.	03/09/20	7:00 -7:50am	Local	Airway lecture (Mandatory) - No Mediasite			
Mon.	03/09/20		Local - see group list on D2L	Airway lab, IV lab, Anatomy fac. lab (Mandatory) *Reef Polling*			
Mon.	03/09/20	5:00pm-7:00pm	D2L	Pre-Oxy Article Reading bonus quiz - D2L online			
Mon.	03/16/20	Open 5:00pm -7:00pm	Online	<b>Exam soft quiz #4</b>	Hughes	Online	Online quiz
Tues.	03/17/20	All day	Local	Session 4 - SEMI (Mandatory) OST580 Superday (Vents, ENT, Anatomy x II) at MUC/DMC	Hughes	Onsite	Online (recorded and posted in stu in D2L)
Weds.	03/18/20	All day	Local	Session 4 - EL (Mandatory) OST580 Respiratory Superday (Vents, ENT, Anatomy x II) at EL	Hughes	Onsite	Online (recorded and posted in stu in D2L)
Thurs.	03/19/20	9:00 -11:33am	Local	<b>SEM 6 UE4 Written Exam</b> (Online modules Session 3 and 4)	Hughes	Onsite	Online exam
Fri.	03/20/20	1:00-1:50pm	EL E105	Physiology Review	DiCarlo	Onsite	Online Module in Mediaspace
Mon.	03/23/20	11:00am	EL	Exam Display Session	Hughes	Onsite	Cancelled
	03/23/20	1:00-4:00pm	Local	Open Anatomy lab	Hughes	Onsite	Online
Tues.	03/24/20	9:00 -10:30am	Local	<b>SEM 6 UE5</b> Anatomy Practical exam	Hughes	Onsite	Online exam
Weds.	03/25/20	9:00 -12:45pm	Local	<b>SEM 6 UE6</b> (Comprehensive)	Hughes	Onsite	Online exam



## Mandatory Clinical Integration Sessions

### Session 1 – Mon., Feb. 10, 2020

Topic	EL Rooms	EL Faculty	DMC Faculty	MUC Faculty
ABG	E106/E200	Gerstner / Prodinge	Minter	Flaherty
Physiology I	E221	DiCarlo/ Kaufman	Chapaton	Gendernalik
PFT	KCC E102/ KRC E101	Gobel/ Grim/Upper	Chapaton	Gendernalik
Suture	E105	Hughes	Jordan	Coyne

### Session 2 – Fri., Feb. 14, 2020

Topic	EL Rooms	EL Faculty	DMC Faculty	MUC Faculty
Micro/ID I	E202	Rosenberg/Gulick	Minter	Stamat
Pharm I	E200 / E102 KCC	Gerstner/Thornburg	Minter	Restini
Radiology	E106	Pernicone	TBD	Wolf
Physiology II	E105	DiCarlo/Kaufman	Chapaton	Stamat

### Session 3 – Mon., Feb. 24, 2020

Topic	EL Rooms	EL Faculty	DMC Faculty	MUC Faculty
Pharm II	E4	Thornburg	Minter	Restini
Micro/ID II	E200	Rosenberg	Ognjan	Steck
Resp Board Review	E105	Hughes	Chapaton	O'Connell
Dyspnea I (clinical)	D9/E106	Gerstner/ Prodinge	Butki	Coyne

### Session 4 – Weds., Mar.18, 2020 - Online (recorded and posted to stu in D2L)

Topic	EL Rooms	EL Faculty	DMC Faculty	MUC Faculty
Mechanical Vents				
ENT				
Anatomy x II				

\*\* Semi-professional attire is to be worn by all students during the required sessions. Clothes with holes in them, revealing clothes, sweatpants and hats are expressly prohibited. Students may be asked to go change into scrubs if they present themselves in such fashion. \*\*

## Mandatory Lab Sessions

DATE	LAB	EL Faculty	DMC Faculty	MUC Faculty
Feb. 12, 2020 - <b>All Sites</b>	Histology Lab	Dr. Kennedy	Schwartz	Nazaroff

DATE	LAB	EL Faculty	DMC Faculty	MUC Faculty
Feb. 26, 2020 All SEMI students at Macomb - <b>SEMI only</b>	Ultrasound			Gerstner, Butki
Feb. 27, 2020 <b>EL only</b>	Ultrasound	M. Hughes, Etchebarne, Kujjo, Fitzsimmons, Gerstner		

DATE	LAB	EL Faculty	DMC Faculty	MUC Faculty
Feb. 21, 2020 <b>SEMI Only</b>	Resp/ Micro/ Derm/GU		C. Wilkins (PM)	C. Wilkins (AM)
Feb. 26, 2020 <b>EL Only</b>	Resp/Micro/ Derm/GU	C. Wilkins/ W. Khalife		
Mar. 9, 2020 <b>ALL Sites</b>	Airway Lab	M. Hughes, Gerstner, et. al.	N. Butki	Flaherty
Mar. 9, 2020 <b>ALL Sites</b>	IV Lab	Hughes	Brandt, Laginess, Casalis	TBD
Mar. 9, 2020 <b>ALL Sites</b>	Anatomy faculty scheduled lab	TBD	Morales, Ghiardi, Stevenson, Doyle, Darrat, Bowers	TBD