

RES 100 Syllabus

RES 100 Winter **2019**
 INSTRUCTOR: Ann Flint
 Bonnie Boggs

RES 100 Lec	M 1-4 pm	W 2-4 pm
RES 100 Lab		W 9:30am – 1:30pm OR 4-8 pm
RES 104	M 10:30am-12:30 pm	

Week	Monday	Tuesday	Wed	Thursday	Friday
1 Jan	JAN 14 Course Intro Pulm. Gas Physics Intro. To RES 100	15	16 L1 - Nursing Arts Thoracic Anatomy	17	18
2	21 Pulm. Gas Physics II Blood O ₂ Transport Spont. Breathing Pressures	22	23 Med Term Qz (A-E) L3 - Acid-Base Interp. Neuro. Control of Ventilation Complete Cultural Activity 1	24	25
3 Jan/ Feb	28 Control of Tissue O ₂ V/Q Relationships Intro to Gas Diffusion Cultural Activity 2	29	30 Med Term Qz (F-K) L2 - Intro To PFTs Ventilation Nomenclature	31	FEB 1 Convocation
4	4 RES 104 Unit 1 Exam Hgb O ₂ diss.curve V _D Issues	5	6 Spirogram Quiz L4 - O₂ Analyzers Unit 1 Exam Arterial Blood pH; PCO ₂ , HCO ₃ ⁻ and pH	7	8
5	11 Blood O ₂ Unloading Intro to Gas Physics	12	13 L5 - Cylinders and Regulators Units of Gas Pressure Measurement Unit 2 Exam	14 Pick Journal Club article	15 Pathways Showcase
6	18 Blood O ₂ Unloading Gas Cylinders	19	20 L6 - Blenders Gas Administration Devices Unit 3 Exam	21 ☒ Acid-base quiz due ☒	22 Advisory Committee
7 Feb/ Mar	25 Signs/Symptoms/ Causes of Hypoxia Humidity Measurements All Medical Records and CPR Due—Or Else!!	26	27 Med Term Qz (L-P) L7 - Humidification Unheated Humidifiers Cultural Activity 3	28	MAR 1
8	4 RES 104 Unit 2 Exam Humidity Physiology	5	6 Med Term Qz (Q-U) L8 - Nebulizers Unit 4 Exam Fluid Dynamics and Aerosol Devices	7	8
Spring Break	11 SPRING	12 BREAK	13 !!!!	14 NO	15 CLASS!!!!
9	18 Interpretations of PaO ₂ , FIO ₂ , and age Complete ABG Interpret. Types of Hypoxias O ₂ Therapy Devices Cultural Activity 4	19	20 Med Term Qz (V-Δ'd) L9 - O₂ Devices Unit 5 Exam Oxygen Analyzers	21	22
10	25 Common Bedside Equipment Microbiology	26	27 Med Term Qz (All!) L10 - Equipment Processing/Review for Lab Practical Unit 6 Exam Introduction to Pharmacology	28	29
11 Apr	APR 1 PFTs RES 104 Unit 3 Exam Pharmacology	2	3 MSRC Kalamazoo	4 MSRC Kalamazoo	5 MSRC Kalamazoo
12	8 Lab Values Pt Assessment Pharmacology HIPAA Quiz Cultural Activity 5 Journal Club Due	9	10 Lab Practical 9:30a-1:30p ☒ Lab's Over!! ☒	11	12
13	15 Pt Assessment Unit 7 Exam	16	17 L11 - Flipped Drug Scenarios RES 100 FINAL EXAM	18 ☒ PaO₂ quiz due ☒	19
14	22 Drug Quiz 1 MANDATORY Clinical Orient. Meeting HLC 204 1:00-5:00p	23	24 Drug Quiz 2 MANDATORY Clinical Orient. Meeting JW 101 1:30-4:30p	25	26
15 Apr / May	29 RES 104 FINAL Exam	30	MAY 1 <i>Info Sessions: 12 and 6PM</i> <i>Info Sessions: 1 and 6PM</i>	2	3 Commencement May 4