

Northwest Community Healthcare Paramedic Program Academic Calendar F19 – S20 Rev. 9-18-19

Assumed knowledge: Medical Terminology

Week # 1 Preparatory						
Date	Time	Topic	Pre-class prep	Class Activity	Faculty	
8/30/19 Friday	0900-1200	Welcome! Orientation Start EMS 210	Student policies Release of academic Information Student learning contract Consent for invasive procedures Consent for photographs	Icebreaker activity, Election of squad officers; Sign & submit agreements, squad role plays	M. Gentile	
	1200-1300	Lunch				
	1300-1400	Orientation cont'd.				
	1400-1700	Brilliant on the basics: <i>Ready to sprint or stuck in the gate?</i>		White board lightning rounds of EMT concepts	Chris Dunn	
9/2/19 Labor Day – No Class						
9/3/19 Tue Education Committee	0900-1100	EMS System communications: equipment; communication with other health care professionals; team communication & dynamics	Policies: C-8 Communications Policy O-1 Override SOP: Radio Report Bledsoe textbook: Vol.1: pp. 162-181	Role playing calling OLMC for a BLS patient	M. Gentile	
	1100-1200	EMS Systems Standards of practice: SOPs, Policy manual Procedure manual Drug & Supply List	SOP: Introduction (p. 1) Policies: A-2: Use of Aeromedical Transport Vehicles; A-3: ALS vs. BLS Care/Scope of Practice; B-1: Hosp. Resource Limitation/ Bypass	SOPs & Policies found on System website: www.nwcemss.org under Standards of Practice tab	C. Mattera	
	1200-1300	Lunch				
	1300-1500	EMS Systems cont.	Policies cont.: Req for State Licensure as an EMT-P; C2 CE C3 Crisis response plan; D7 EMDs; M-9:Med Engines/Alt Response Vehicles; R1: Relicensure; S-2: Specialized EMS Vehicles; S3: ALS/BLS Staffing; T-2: Pt Transport/Selection of a Rec. Hosp. Bledsoe textbook: Vol. 1; Chapter 2 EMS Systems(pp. 12-41); Chapter 5 EMS Research (pp. 84-104)		C. Mattera	
	1500-1700	Hospital clinical (EMS 217) orientation				J. Dyer
	9/4/19 OFF					
9/5/19 Thurs	0900-1200	Workforce safety and wellness: Illness & injury prevention; blood borne pathogens; preventing spread of disease; PPE; public health emerg, health promotion; stress	Policies: I-2 Infection Control – DICOs I-4: Impaired practice S-1: Stress Intervention / CISM Bledsoe textbook: Vol. 1: pp. 59-71; 74-80;107-117	Skills & Application: Role play appropriate use of PPE and significant exposure follow-up	M. Gentile	
	1200-1300	Lunch				
	1300-1430	Paramedic Roles & responsibilities: Attributes of professionalism; quality mgt; EMS research				Cf. Drew Smith
	1430-1700	*BRING an electronic device with internet connectivity to class FISDAP Orientation Must have established a FISDAP account per J. Dyer's instructions				J. Dyer

Week # 1 Preparatory					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
9/6/19 Fri	0900-1030	Ethics in EMS	Policy: E-5: Code of Ethics Bledsoe textbook: Vol. 1: pp. 146-157	<u>Skills & Application:</u> Values card exercise Ethical scenarios Case studies illustrating ethical and professional challenges	M. Gentile
	1030-1200	Therapeutic Communication: Factors affecting communication; interviewing techniques; difficult pts; adjusting for age, stage of development, pts with special needs, and differing cultures	<u>Bledsoe textbook:</u> Vol. 2: pp. 37-52	<u>Skills & Application:</u> Role play various patient scenarios with challenges to effective communication	M. Gentile
	1200-1300	Lunch			
	1300-1700	Hospital clinical sign up (EMS 217) Be ready to sign up for fall hospital clinical shifts			J. Dyer

Week # 2					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
9/9/19 Mon	0900-1010	Quiz I			M. Gentile
	1010-1200	Pharmacology: Medication safety; legislation; naming; classifications; schedules; pharmacokinetics; storage & security; metabolism & excretion; mechanism of action; phases of activity; response; relationships; interactions; toxicity	Policies: C-6: Controlled Substances; Logs D-2: Drug Replacement D-3: Exchanging drugs R-7 Reportable Incidents SOP: Drug appendix Bledsoe textbook: Vol. 1 Chapter 13; pp. 351 – 387 (whole chapter is a great overview of various classes of medications)	Skills & Application: Pharmacology exercise Controlled Substance Logs	C. Mattera
	1200-1300	Lunch			
	1300-1400	General pharm. cont.			C. Mattera
	1400-1700	Autonomic nervous System	Bledsoe textbook: Vol 1; pp 387-400		C. Mattera
9/10/19 Tue	0900-1200	Intro to medical math General competency with general math functions assumed based on course prereq for Harper	Bledsoe textbook: Vol. 1: pp. 500-507		M. Gentile
	Lunch				
	1300-1700	Medical Legal Consent/refusal of care; confidentiality; tort and criminal actions; statutory responsibilities; mandatory reporting; health care regulation; pt rights/advocacy	Policies: A-1 Abandonment D-1 Due Process G-1,G-2,G-3: Grievance Policies M-8 Med Device Failure/Malfunct R-6 Refusal of Care R-7 Reportable Incidents Bledsoe textbook: Vol. 1; Ch. 7 pp. 119 - 144	Skills & Application: Role play legal scenarios Complete a refusal form	Dr. O
9/11/19	OFF				
9/12/19 Thurs Advisory Board	0900-1200	Medication administration	Bring an orange or grapefruit to class and shorts & short-sleeve top to labs Bledsoe textbook: Vol. 1: pp. 366-367; 443-469	Skills & Application: Selective routes of medication administration	M. Gentile
	1200-1300	Lunch – change into shorts and short sleeve top			
	1300-1700	LAB	Medication administration: Enteral: PO, SL, IR Parenteral: topical (eye drops); inhaled MDI, (nebulizer – HHN/mask, in-line to BVM; ET); Intranasal (IN); Sub-q & IM (on each other after demonstrated competency on a manikin)		Lab Team
9/13/19 Fri	0900-1130	Vascular access: Intraosseous infusions	Bledsoe textbook: Vol. 1; ch 14, pp. 494-500	Skills & Application: IO access	D. Hansen
	1130-1200	Give instructions for self-selected paper assignment (due on 9/27)			M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	Intraosseous vascular access IM administration (using ampules) Medication administration: drug calculations with IO MDI & nebulized (HHN/mask and inline BVM-ET)		Lab Team

Week # 3					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
9/16/19 Mon	0900-1010	Quiz 2			M Gentile
	1020-1200	Documentation; Introduction to Image Trend software	<u>Policies:</u> C-7 Confidentiality of Pt Records D-4:Data Collection <u>SOP:</u> Approved medical abbreviations Bring laptop or portable electronic device with internet connectivity <u>Bledsoe textbook:</u> Vol. 1; Ch. 10: pp. 183-205	<u>Skills & Application:</u> Writing patient care reports (PCRs) that meet FACT criteria in ImageTrend software	Joe Albert
	1200 -1300	Lunch			
	1300-1700	Documentation cont.		Expectations of simulated PCRs during class	Joe Albert
9/17/19 Tue	0900-1200	Vascular access: peripheral IVs	<u>Bledsoe textbook:</u> Vol. 1: pp. 469-494	<u>Skills & Application:</u> IV access	M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	Peripheral IV access (on manikins) Ext. jugular IV's on manikin Medication administration: IVP (preload's and drug calculations); IVPB		Lab Team
9/18/19	OFF				
9/19/19 Thurs	0900-1200	Respiratory A&P	<u>Bledsoe textbook:</u> Vol. 1 512-526	<u>Skills & Application</u> Pulse oximetry	C. Mattera
	1200-1300	Lunch			
	1300-1700	Respiratory A&P cont.			C. Mattera
9/20/19 Fri Chief's Meeting	0900-1030	Airway Management Positioning, BLS adjuncts; suctioning	<u>SOP:</u> Airway obstruction <u>Bledsoe textbook:</u> Vol. 1: pp. 540-541 (positioning); 544-547 (adjuncts); 598-599 (suctioning); 556-581 & 587- 596 (intubation/DAI)	<u>Skills & Application</u> Manual maneuvers; NPA/OPA Suction oral/tracheal	M. Gentile
	1030-1200	Endotracheal intubation		OTI, use of bougie	Dr. Jordan
	1200-1300	Lunch			
	1300-1700	ETI cont. w/ DAI	<u>SOP:</u> DAI	<u>Skills & Application</u> Drugs: ketamine, etomidate	Dr. Jordan

Week # 4					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
9/23/19 Mon	0900-1015	Quiz 3			M. Gentile
	1020-1200	Video Laryngoscopy (King Vision)	SOP: DAI Bring short-sleeve shirt to class (for labs)	Skills & Application King vision	Dr. Jordan
	1200-1300	Lunch – change into short-sleeve top			
	1300-1700	LAB	Competency measured: Positioning: manual maneuvers; NPA/OPA; Suction (oral/tracheal) Obstructed airway maneuvers: removal of FBAO w/ Magill forceps Lab practice stations: Intubation: King Vision w/ bougie Peripheral IV access (on each other after competency demonstrated on a manikin)		Lab Team
9/24/19 Tues	0900-1200	Extraglottic airways i-gel; LMA; Combitube & Other routes of intubation	Bledsoe textbook: Vol. 1: pp. 590-596 & pp. 571-573; 573-575; 575-576	Skills & Application In-line; Inverse; Digital; & NT intubation; i-gel extraglottic airway	M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	Intubation: King vision, nasal, in-line, digital, inverse Extraglottic Airway – i-gel Peripheral IV access (on each other after competency demonstrated on a manikin)		Lab Team
9/25/19	OFF				
9/26/19 Thurs PEMSC	0900-1200	Cricothyrotomy: Needle and surgical	Bledsoe textbook: Vol. 1 pp. 581 - 576	Skills & Application: All O ₂ delivery devices	M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	DAI w/ King Vision; i-gel airway; Needle & Surgical Cric (done on sheep trachs); IM and Sub-q; IV Scenarios	Lab Team	Lab team
9/27/19 Fri RN Educator	0900-1200	Ventilating pts; O ₂ delivery devices/CPAP	One page paper due: Self-selected topic Bledsoe textbook: Vol. 1: pp. 542-550; Vol. 3: pp. 142-144 (CPAP)		M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	DAI / King Vision i-gel extraglottic airway Needle & Surgical Cric Application of O ₂ devices: (NC, NRB, BVM) CPAP w/ in-line nebs		Lab team

Week # 5					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
9/30/19 Mon	0900-1000	Quiz 4			M Gentile
	1000-1200	Capnography	SOP: Capnography Bledsoe textbook: Vol. 1: ch 15, 536 – 567 Vol. 2: ch 6, 193 - 197	Skills & Application: Use of Pulse ox & ETCO ₂	Drew Hansen
	1200-1300	Lunch			
	1300-1700	LAB	SpO ₂ and EtCO ₂ application, assessment/interpretation Airway and oxygenation in context of scenarios: (Nasotracheal, ETI, DAI, King Vision, & Surgical cric) IV Scenarios		Lab team
10/1/19 Tue	0900-1200	Fluid & Electrolytes	Bledsoe textbook: Vol 1; pp. 362-363		V. Logan
	1200-1300	Lunch			
	1300-1700	Acid base imbalances	Bledsoe textbook: Vol. 1: pp. 249-254		M. Gentile
10/2/19	OFF				
10/3/19 Thurs	0900-1200	Patient assessment Tools of assessment Maneuvers of assessment Sequencing of assessment	SOPs: General patient assessment Initial Medical Care Bledsoe textbook: Vol. 2; Ch. 1, 2, 4, 5, 7	Skills & Application: General Assessment Drugs: ondansetron, fentanyl; ketamine; vital signs; breath & heart sounds	C. Mattera
	1200-1300	Lunch			
	1300-1700	Patient assessment cont.	Policies: P-2: Physician/Nurse On Scene P-3: Crime Scene Response		C. Mattera
10/4/19 Fri	0900-1200	Patient assessment cont.			C. Mattera
	1200-1300	Lunch			
	1300-1700	LAB	Practice exams: CPAP, DAI, NTI, IV access w/ IVP and IVPB, IM and Sub-q; Assessment w/ IN administration in context of scenario		Lab Team

Week # 6 (1 clinical shift this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
10/7/19 Mon	0900-1020	Quiz 5			M Gentile
	1030-1200	EMS 210 Wrap up		Class review	M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB Airway obstacle course: Intubation: Inline, DAI; i-gel; needle cric		Complex airway scenarios	Lab team
10/8/19 Tues	0700-1000	Orientation to OR	Instructions from J. Dyer	On-site visits to hospitals with OR rotations	J. Dyer
	1000-1200	Final Fisdap instructions; remaining clinical scheduling EMS 217 & 218			J. Dyer
	1200-1300	Lunch			
	1300-1700	LAB testing	Competency measured: DAI CPAP IM; Sub-q; IN (MAD device) Med admin: IVP/IVPB		M. Gentile & Lab Team
10/9/19 Wed	0900-1500	PRACTICAL EXAM Mod1 (EMS 210) *Students are assigned in shifts; list will be given in class	Competency measured: i-gel airway Needle and surgical cric Intravenous vascular access IO infusions		M. Gentile & Lab Team
10/10/19 Thurs	0900-1200	WRITTEN EXAM Mod 1 (End of EMS 210) (Auditorium) Will cover content from Weeks 1-4			M. Gentile
	1200 -1330	Exam review (LC 3 & 4)			
10/11 or 10/12 Fri/Sat	Beginning of EMS 217 Hospital Clinical (#1): Options: ED (Adult) or OR (not on Sat)				

WEEK #7: Begin EMS 211– Medical Emergencies Part 1 (1 clinical shift this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
10/14/19 Mon	0900-1200	Respiratory disorders: Acute	<u>Bledsoe textbook:</u> Vol.1: pp. 521-526; Vol. 3: pp. 2-46		M. Gentile
	1200-1300	Lunch			
	1300-1700	Respiratory disorders: Chronic: COPD/asthma	SOP: COPD/Asthma <u>Bledsoe textbook:</u> Vol 3; pp. 32-36; 27-32	<u>Skills & Application:</u> Drugs: albuterol, ipratropium, epinephrine 1 mg/1mL, magnesium MDI, Nebulizer therapy: mouth piece/mask/in-line w/ BVM & C-PAP	C. Mattera
10/15/19 Tue	0900-1200	Respiratory SOP review – focus on drugs and therapies			M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	Acute & chronic respiratory patient assessment scenarios: inhaled medication administration: HHN →mask→inline w/ CPAP; BVM and ETI		Lab team
10/16/19 Wed	Hospital Clinical (#2): ED (Adult – may also schedule on Sun or Sat); or operating room				
10/17/19 Thurs	0900-1200	Cardiovascular A&P	<u>Bledsoe textbook:</u> Vol 3: pp. 49 – 66		C. Mattera
	1200-1300	Lunch			
	1300-1700	Cardiac A&P cont.			C. Mattera
10/18/19 Fri	0900-1200	General etiologies, pathophysiology of shock and hypoperfusion – all forms	<u>Bledsoe textbook:</u> *assumed knowledge: Genetics & Familial dx: 226-228; Disease risks: 228-232		C. Mattera
	1200-1300	Lunch			
	1300-1700	Shock cont.			C. Mattera

WEEK #8: (1 Clinical shift this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
10/21/19 Mon	0900-1030	Quiz 6	PCR due: Simulated severe asthma		M. Gentile
	1030-1200	Acute Coronary Syndromes (ACS); cardiac assessment	SOP: ACS Bledsoe textbook: Vol. 3: pp. 111-119; 130-156	Skills & Application: Drugs: ASA, NTG, fentanyl; ketamine, norepinephrine/dopamine	M. Gentile
	1200-1300	Lunch			
	1300-1700	ACS & CVD cont.			C. Mattera
10/22/19 Tues	0900-1200	HF/pulmonary edema; Cardiogenic shock; HTN; Vascular diseases; AAA; LVADs	SOP: HF/Pulmonary Edema Hypertension Differential for SOB Bledsoe textbook: Vol. 3; pp. 139-143;145-149; 154-156	Skills & Application: Drugs: NTG CPAP Norepinephrine	C. Mattera
	1200-1300	Lunch			
	1300-1700	CVD and complications cont.			M. Gentile
10/23/19 Wed	Hospital Clinical #3: ED (Adult – may also schedule on Sun or Sat) or OR				
10/24/19 Thurs PEMSC	0900-1200	Intro to electrophysiology and ECG interpretation	Bledsoe textbook: Vol. 3: Ch. 2, 62-75	Skills & Application: Lead placement Measuring rate & intervals	M. Gentile
	1200-1300	Lunch			
	1300-1500	ECG interpretation cont.			M. Gentile
	1500-1700	Operation of monitors/defibrillators			Monitor reps
10/25/19 Fri RN Educator	0900-1200	LAB	Respiratory scenarios (acute and chronic); HHN to CPAP and in-line via DAI		M. Gentile Lab team
	1200-1300	Lunch			
	1300-1700	LAB	Cardiac scenarios (HF, CG shock, vascular emergencies); ECG limb lead application		Lab team

WEEK #9: (1 clinical shift this week)

Date	Time	Topic	Pre-class prep	Class Activity	Faculty
10/28/19 Mon	0900-1030	Quiz 7	PCR due: Simulated pulmonary edema		M. Gentile
	1030-1200	Rhythms/Dysrhythmias originating in the SA node	SOP: Bradycardia with a pulse Bledsoe textbook: Vol. 3. Ch. 2; pp. 76-82	Skills & Application Atropine, norepinephrine /dopamine; push dose epi, pacing, glucagon	C. Mattera
	1200-1300	Lunch			
	1300-1700	LAB	Resp & cardiac scenarios; ECG recognition: static & dynamic (sinus dysrhythmias); electrical therapy (pacing)		Lab team
10/29/19 Tue	0900-1200	Dysrhythmias originating in the atria	SOP: Narrow QRS Complex Tachycardia Bledsoe textbook: Vol. 3. pp. 82-88; 125-126 (synchronized cardioversion)	Skills & Application Vagal maneuvers adenosine, verapamil Synchronized cardioversion	M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	Resp & cardiac scenarios; ECG recognition: dynamic & static (sinus & atrial dysrhythmias); vagal maneuvers; electrical therapy (pacing; cardioversion)		Lab team
10/30/19 Wed	Hospital Clinical #4: ED (Adult – may also schedule on Sun or Sat); or OR, ICU				
10/31/19 Thurs	0900-1200	Rhythms/Dysrhythmias originating in the AV Node	SOP: Bradycardia with a pulse Bledsoe textbook: Vol. 3: pp. 93-96		C. Mattera
	1200-1300	Lunch			
	1300-1700	LAB	Resp & cardiac scenarios; ECG recognition: dynamic & static (sinus, atrial and junctional rhythms); electrical therapy (pacing; cardioversion)		Lab team
11/1/19 Fri	0900-1200	AV Heart blocks	Bledsoe textbook: Vol. 3 pp. 88-93; 120-121 (atropine, norepinephrine, dopamine) pp. 125-128 (pacing)		M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	Resp & cardiac scenarios; ECG recognition: dynamic & static (sinus, atrial, junctional & AV blocks); electrical therapy (pacing; cardioversion)		Lab team

WEEK #10: (1 clinical shift this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
11/4/19 Mon	0900-1030	Quiz 8			M. Gentile
	1030-1200	Rhythms/Dysrhythmias originating in the ventricles:	SOPs: Wide complex tachycardia w/ a pulse, Cardiac Arrest: VF/pulseless VT; Asystole/PEA Bledsoe textbook: Vol. 3 pp. 96 -109	Skills & Application: Defibrillation, epinephrine 1mg/10mL, amiodarone Hs & Ts Post-ROSC care	M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	Electrical therapy: pacing; defibrillation & cardioversion Respiratory & cardiac scenarios; dynamic & static cardiology		Lab team
11/5/19 Tues Education Committee	0900-1200	Team cardiac arrest resuscitation	Policy: T-1: Triple Zero SOP: Cardiac Arrest Bledsoe textbook: Vol. 3 Ch. 2; pp. 149-154		C. Mattera
	1200-1300	Lunch			
	1300-1700	LAB	Pit crew approach to resuscitation; Uninterrupted high perfusion CPR; use of real-time CPR feedback device; CPR compression device; ApOx; ResQPod; defibrillation (immediate & delayed); ALS care; post ROSC care; targeted temperature management; Termination of Resuscitation (TOR); cardioversion; pacing Dynamic & static cardiology		Lab team
11/6/19 Wed	Hospital Clinical #5: ED (Adult – may also schedule on Sun or Sat); or OR, ICU				
11/7/19 Thurs	0900-1200	Cardiac review; dynamic cardiology practice; mock ECG strip tests			M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	Pit crew approach to resuscitation; Pacing/defibrillation/cardioversion; Dynamic & static cardiology; Advanced airway: King vision ETI and i-gel		Lab team
11/8/19 Fri	0900-1200	Cardiac review; dynamic cardiology practice; mock ECG strip tests			M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	Pit crew approach to resuscitation; Pacing/defibrillation/cardioversion; Dynamic & static cardiology; Advanced airway (King vision ETI and i-gel)		Lab team

WEEK #11: (2 Clinical shifts this week);					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
11/11/19 Mon	0900-0930	Veterans day ceremony			
	0930-1100	Quiz 9			M. Gentile
	1100-1200	Prep for Mod II exam			M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	Pacing Defibrillation cardioversion Respiratory & cardiac scenarios Dynamic cardiology		Lab team
11/12/19 Tues	0900-1300	Practical Exam Mod II *Students are assigned in shifts; list will be given in class	Pacing; Defibrillation; Cardioversion Respiratory/Cardiac Scenarios Dynamic cardiology		M. Gentile Lab Team
11/13/19 Wed	0900-1200	Written EXAM Mod II / ECG strip exam (Auditorium)			M. Gentile
	1200-1330	Exam review (STAY IN AUDITORIUM)			
11/14/19	Hospital Clinical #6: ED (Adult – may also schedule on Sun or Sat); or OR, ICU				
11/15/19	Hospital Clinical #7: ED (Adult – may also schedule on Sun or Sat); or OR, ICU				

WEEK #12: (1 Clinical shift this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
11/18/19 Mon	0900-1200	All of class: 12 L ECG (whole day)	SOP: 12 L ECG PCR due: Simulated pt w/ AMI w/atrial or junctional dysrhythmia Bledsoe textbook: Vol. 3 Ch. 2; pp. 161-187		M Jordan
	1200-1330	Lunch			
	1300-1700	12 L ECG cont.			
Class will be divided into 1/3's and pre-scheduled to attend a 12 lead practical class over the next two days. You only need to attend your assigned day.					
11/19/19 Tues	0900-1300	1/3 class: 12 L ECG LAB - Rest of class: Clinical units			M Gentile
	1200-1300	Lunch			
	1300-1700	1/3 class: 12 L ECG LAB - Rest of class: Clinical units			M. Gentile
11/20/19 Wed	0900-1300	1/3 class: 12 L ECG LAB - Rest of class: Clinical units			M Gentile

WEEK #12: continued					
11/21/19 Thurs	0900-1200	Gynecological Emerg. Childbirth	SOPs: Entire OB section Bledsoe textbook: Vol. 5: Ch. 1, 2 & 3	Skills & Application: Uncomplicated and complicated delivery	C. Mattera
	1200-1330	Lunch			
	1300-1700	OB Complications Neonatology	SOPs: Newborn care Newborn resuscitation Policy: A-5: Abandoned Newborn	Skills & Application: Newborn resuscitation	
11/22/19 Fri RN Educator	0900-1300	Pediatric Lifespan development; IMC & medical emergencies	SOPs: Entire Peds section Policy: Refusals – Minors Bledsoe textbook: Vol. 5: pp. 83 – 86 (lifespan); 86-113 (A&P, assessment and management); pp. 118- 132 (medical emergencies)	Skills & Application: Peds airways access Peds vascular access Peds fluid/drug calc Peds cardiac arrest mgt	C. Mattera
	1200-1300	Lunch			
	1300-1700	Pediatric medical emergencies cont.			C. Mattera

WEEK #13: (prep for OB, Peds, Psych units)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
11/25/19 Mon	0900-1200	Peds Trauma	SOP: Peds Trauma section <u>Bledsoe textbook:</u> Vol. 5; Ch. 4: pp. 81-116; 123-125;134-141		C. Mattera
	1200-1330	Lunch			
	1300-1700	LAB	12 L ECG acquisition Peds advanced airway Cardiac arrest (peds); use of Broselow tape OB assessment: Normal delivery & newborn care; Abnormal delivery & newborn care		M. Gentile; lab team
11/26/19 Tues	0900-1300	Behavioral emergencies	SOP: Psychological emergencies; Post-taser <u>Policies:</u> E-1 Emotional illness and Behavioral Emerg <u>Bledsoe textbook:</u> Vol. 3 pp. 444 - 460	<u>Skills & Application:</u> De-escalation of combative pts; use of restraints Post Taser EMS Procedure Petition forms Use of Suicide Screening Tool	M. Gentile
	1200-1300	Lunch			
	1300-1700	Behavioral emergencies cont.			M. Gentile
11/27/19 Wed	0900-1300	Elderly emergencies	Policy: I-3: Invalid Assist SOP: Elderly patients <u>Bledsoe textbook:</u> Vol. 5: pp.153-196	2 PCRs due: Uncomplicated delivery: 2 reports: mom plus baby	M. Gentile
	1200-1300	Lunch			
	1300-1315	Assign infectious disease topics and give instructions for paper and presentation			M. Gentile
	1315-1700	Clinical instructions for new units			J. Dyer
11/28/19	Thanksgiving - OFF 				
11/29/19 Fri	Hospital Clinical #8: ED (Adult – may also schedule on Sun or Sat); or OR, ICU				

Week #14 (5 clinical shifts this week)

12/2/19	Clinical: ED, OR, ICU; OB; PEDS; Psych (#9)
12/3/19	Clinical: ED, OR, ICU; OB; PEDS; Psych (#10)
12/4/19	Clinical: ED, OR, ICU; OB; PEDS; Psych (#11)
12/5/19	Clinical: ED, OR, ICU; OB; PEDS; Psych (#12)
12/6/19	Clinical: ED, OR, ICU; OB; PEDS; Psych (#13)

Week #15 (5 clinical shifts this week)

12/9/19	Clinical: ED, OR, ICU; OB; PEDS; Psych (#14)
12/10/19	Clinical: ED, OR, ICU; OB; PEDS; Psych (#15)
12/11/19	Clinical: ED, OR, ICU; OB; PEDS; Psych (#16)
12/12/19	Clinical: ED, OR, ICU; OB; PEDS; Psych (#17)
12/13/19	Clinical: ED, OR, ICU; OB; PEDS; Psych (#18)
End of EMS 211 and 217	

EMS Fall semester MUST BE DONE 12/13/19

Students PLEASE NOTE: **PAYMENT MUST BE MADE WITH HARPER TO AVOID AUTOMATED WITHDRAWAL**

You will be batch registered by Harper College for the following:

Spring semester 2020 January 13 – May 15: EMS 212, 213, 215, 218

Summer semester 2020 May 18: EMS 216

WEEK #16: (1 Clinical shift this week) *Spring Semester begins: Start of EMS 212 and EMS 218 *STUDENT'S SCHEDULE MEETING w/ HOSPITAL EMSC FACILITATING FIELD INTERNSHIP					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
1/13/20 Mon	0900-1030	Quiz 10 (covering inter-semester content: OB, peds, behavioral, elderly)	Student assignment: Infectious disease written report due		M. Gentile
	1030-1200	Environmental toxicology (Bites, stings)	Bledsoe textbook: Vol. 3: pp. 352-359		M. Gentile
	1200-1300	Lunch			
	1300-1700	Immune system; body defense against disease; Allergies & Anaphylaxis	SOP: Allergic Reactions/ Anaphylactic Shock Bledsoe textbook: Vol. 3; Ch. 5; pp. 261-272.	Skills & Application: Assumed knowledge: Drugs: diphenhydramine, epinephrine 1mg/1mL, 1mg/10mL; albuterol, ipratropium	M. Gentile
1/14/20 Tues	0900-1200	Environmental emergencies: Heat & Cold	SOPs: Heat Emergencies Cold Emergencies Bledsoe textbook: Vol. 4; pp. 301-306 Vol. 4; pp. 306-313		M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	Cardiac arrest mgt (adult and peds) 12L ECG; lead placement/interpretation Application of restraints Allergic Rx patient assess/mgt (adult and peds) OB assessment/delivery Peds Advanced airway		Lab Team
1/15/20 Wed	EMS 218: Hospital Clinical #19: ED, OR (not Sun or Sat), ICU; OB, PEDS; Psych				
1/16/20 Thurs	0900-1200	Environmental: Water & altitude related emergencies	SOP: Submersion incidents Bledsoe textbook: Vol. 4: pp. 313-322		M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	Cardiac arrest mgt: (adult and peds) Normal & abnormal delivery w/ newborn care Peds scenario; psych restraints; drug calculations Peds Advanced Airway		Lab Team
1/17/20 Fri Chief's Admin	0900-1200	Infectious disease presentations	Student assignment: 10 min oral presentations based on supplied criteria Bledsoe textbook: Vol. 3; Ch. 10, pp.391- 439	Skills Application: I-2 Infection Control; significant exposures and functions of DICOs	M. Gentile
	1200-1300	Lunch			
	1300-1700	Infectious disease presentations cont.			M. Gentile

WEEK #17: (1 Clinical shift this week)

Date	Time	Topic	Pre-class prep	Class Activity	Faculty
1/20/20 Mon	0900-1030	Quiz 11			M. Gentile
	1030-1200	Metabolic disorders	<u>Bledsoe textbook:</u> Vol. 3: pp. 238-247; 255-258		M. Gentile
	1200-1300	Lunch			
	1300-1700	Diabetes	<u>SOP:</u> Diabetic/Glucose Emerg <u>Bledsoe textbook:</u> Vol. 3: pp. 247-255	<u>Skills & Application</u> Capillary glucose assessment Glucagon, D10% IVPB	C. Mattera
1/21/20 Tues	0900-1045	Neuro A&P	2 Simulated PCRs due: 1 Septic pediatric pt (w/ fever & resp distress) and 1 Anaphylactic shock <u>Bledsoe textbook:</u> Vol. 3: pp. 220-233		C. Mattera
	1200-1300	Lunch			
	1300-1700	Neuro A&P cont. Neuro Assessment	<u>SOP:</u> AMS (p. 24)	<u>Skills & Application:</u> Neurological Assessment	C. Mattera
1/22/20 Wed	0900-1200	Stroke, TIA	<u>SOP:</u> Stroke/Brain Attack <u>Bledsoe textbook:</u> Vol. 3; pp. 214-220	<u>Skills & Application:</u> Stroke screen assessment Transport decision	C. Mattera
	1200-1300	Lunch			
	1300-1700	Medical neuro disorders	<u>SOP:</u> Seizures <u>Bledsoe textbook:</u> Vol. 3: pp. 220-233		M. Gentile
1/23/20 Thurs PEMSC	0900-1200	GI A&P	<u>Bledsoe textbook:</u> Vol. 3 pp. 275-293 Vol. 3 pp. 300 - 320		Dr. O
	1200-1300	Lunch			
	1300-1430	GI Emergencies	<u>SOP:</u> Acute Abdominal/Flank pain	<u>Skills & Application</u> Abdominal assessment	M. Gentile
	1445-1700	GU/Renal conditions	<u>SOP:</u> Dialysis/Chronic Renal Failure	Renal assessment	M. Gentile
1/24 or 1/25 Fri / Sat	Clinical: ED, OR (not Sun or Sat), ICU; OB, PEDS; Psych, Stroke unit (#20)				

WEEK #18 (End of EMS 212: 1/29/19)

Date	Time	Topic	Pre-class prep	Class Activity	Faculty
1/27/20 Monday	0900-1040	Quiz 12	2 PCR's due: Stroke & Diabetic w/ hypoglycemia		M. Gentile
	1040-1230	Hematology	Bledsoe textbook: Vol. 3 pp. 368-388; 439-444		K. Hill
	1230-1330	Lunch			
	1330-1700	Toxicology & Substance Abuse	SOPs: Alcohol intoxication Drug OD/Poisoning Bledsoe textbook: Vol. 3 pp. 368-388; 439-444	Skills & Application Rx of excited delirium Antidotes for toxidromes	M. Gentile
1/28/20 Tuesday	0900-1200	Tox & Substance (Scenarios)			M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	Practice: Neuro/medical assessment based on scenarios; Capillary glucose assessment; Mixing glucagon; D10 administration (adult & peds) Competency measured: Adult cardiac arrest mgt ½ of the squad; Complicated and uncomplicated delivery w/ newborn care 1/2 of the squad		Lab team
1/29/20 Wed	0845-0900	Peds drug calculation (math test)			M. Gentile
	0900-1200	Clinical Q&A & portfolio progress			Jen Dyer
	1200-1300	Lunch			
	1300-1700	LAB	Practice: Neuro/medical patient assessments; Peds scenarios; Peds advanced airway; 12 lead; King vision practice Competency measured: Restraints (done as a team/squad); Adult cardiac arrest mgt ½ of the squad; Complicated and uncomplicated delivery w/ newborn care ½ of the squad; Capillary glucose assessment and D10 administration		Lab Team
1/30/20 Thursday	0900-1300	Mod III (EMS 212) PRACTICAL Exam *Students are assigned in shifts; list will be given in class	Medical & neuro scenario Peds scenario (anaphylaxis) Peds advanced airway 12 L ECG		M. Gentile Lab Team
1/31/20 Friday	0900-1200	Mod III (EMS 212) Written Exam and ECG Strip Test (Auditorium)			M. Gentile
	1200-1300	Exam Review (LC 3 & 4)			

WEEK #19 (Start of EMS 213) (1 Clinical shift this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
2/3/20 Monday	0900-1200	Multiple patient incident management; Intro to Triage and SMART tags	SOP: Multiple patient incidents Active Assailant Incidents Policy: C-3: Crisis Response E-6: Episodic Mass Gathering Bledsoe textbook: Vol. 5, Ch. 11, 295-318	Skills Application: Use of START and Jump-Start triage Use of SMART tags	D. Smith, P Dyer, D. Hoyt
	1200-1300	Lunch			
	1300-1700	Multiple patient management cont.		MPM exercises	D. Smith, P Dyer, D. Hoyt
2/4/20 Tue	0900-1200	Trauma Assessment & general mgt	SOP: ITC; Trauma Center criteria Policy: A-2 Aeromedical Transport Bledsoe textbook: Vol. 4; 331-347	Skills & Application: Trauma Assessment Hemorrhage control: tourniquet; Celox drsg. Fluid resuscitation	C. Mattera
	1200-1300	Lunch			
	1300-1700	Head Trauma	SOP: Head trauma Bledsoe textbook: Vol. 4 ; pp. 145-155 ; 166-173; 186-192; 196-200		C. Mattera
2/5/20 Wed	Clinical: ED, OR, ICU; OB, PEDS, PSYCH, Stroke unit (#21)				
2/6/20 Thurs	0900-1200	Ocular emergencies and trauma	SOP: Eye emergencies Bledsoe textbook: Vol. 4, Ch. 6, pp. 184-185; Vol. 3; Ch. 12, pp. 467-472	Skills & Application Ocular assessment Contact lens removal Eye irrigation; protective shields; eye patching	R. Guilfoil
	1200-1300	Lunch			
	1300-1700	Spine trauma	SOP: Spine trauma Assumed knowledge: Atropine; norepi/dopamine Bledsoe textbook: Vol. 4; pp. 155-166; 173-179; 188-200	Skills & Application: Spine motion restriction Protective equipment removal	C. Mattera
2/7/20 Fri	0900-1200	Chest Trauma	SOP: Chest Trauma Bledsoe textbook: Vol. 4; Ch. 7, pp. 206-232	Skills & Application: Pleural decompression; vented/channeled chest seals	M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB	Practice: Eye emergencies: (assessing visual acuity; topical analgesic eye drops; eye shields; eye irrigation, Morgan lens) Needle thoracostomy; chest seals for open pneumo Competency measured: Spine motion restriction – adult supine w/ helmet removal Spine motion restriction: adult seated w/ KED Hemorrhage control		M. Gentile; Lab Team

WEEK #20 (1 Clinical shift this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
2/10/20 Monday	0900-1030	Quiz 13	2 PCR's due: Hypovolemic shock & Head trauma w/ GCS < 13		M. Gentile
	1030-1200	Abdominal & GU Trauma	Bledsoe textbook: Vol. 4. Ch. 8, pp. 235-254		Dr. O
	1200-1300	Lunch			
	1300-1500	Abdominal and GU trauma cont.			
	1500-1700	Domestic violence	Policies: V-2 Violence/abuse; V-3: Elder Abuse; V-4: Domestic Violence SOP: Suspected Abuse/Neglect Bledsoe textbook: Vol. 5: pp.199-211		Susan Wood
2/11/20 Tue	0900-1200	Burns: Thermal	SOPs: CO/cyanide poisoning; Burn trauma Burn Center Transport Bledsoe textbook: Vol. 4: pp. 116-136	Skills & Application: Burn wound management	C. Mattera
	1200-1300	Lunch			
	1300-1530	Burns (other MOI)	Bledsoe textbook: Vol. 4: pp. 137-141		M. Gentile
	1530 -1700	Dealing with Death & Dying; Palliative Care	SOPs: Withholding/withdrawing Resuscitation/POLST form Policies: D5 Do not resuscitate guidelines M-4 Med Examiner Guidelines Bledsoe textbook: Vol. 1: pp. 71-74		M. Gentile
2/12/20 Wed	Clinical: ED, OR (not Sun or Sat), ICU, OB; Peds; Psych, Stroke Unit (#22)				
2/13/20 Thursday	0900-1200	Musculoskeletal trauma	SOP: Musculoskeletal trauma Assumed knowledge: fentanyl, ketamine midazolam Bledsoe textbook: Vol. 4; pp. 257-295; 83-115	Skills & Application All splinting/bandaging procedures	M. Gentile
	1200-1300	Lunch			
	1300-1430	Pts with tracheotomies and on ventilators	SOP: Pt w/Tracheostomy (p.12) Bledsoe textbook: Vol. 5. Ch. 8, pp. 246-250	Skills & Application: Tracheostomy suctioning Exchange of trach Bag to stoma ventilations	D. Mazzolini
	1430-1700	Facial & ear Trauma	Bledsoe textbook: Vol. 4, Ch. 6, pp. 150 -153, 186-200		C. Mattera

WEEK #20 continued					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
2/14/20 Friday	0900-1200	Special patient populations	SOP: Extremely obese pt. Special Healthcare Needs <u>Bledsoe textbook:</u> Vol. 5, Ch. 7 pp. 214-228		C. Mattera
		Interventions for chronic care and technology-assisted patients	<u>Procedure Manual</u> Monitoring NG tubes, indwelling urinary catheter; developmental disabilities <u>Bledsoe textbook:</u> Vol. 5, Ch. 8 pp. 231-256	<u>Skills & Application:</u> NG tubes Indwelling urinary catheters G or J tubes Central vein catheters Cerebral shunts	C. Mattera
	1200-1300	Lunch			
	1300-1700	LAB	Practice: Trauma assessment - Burns NG/Foley; G or J tube monitoring; accessing PICC line <u>Competency measured:</u> Joint splinting Long bone splinting/traction splinting Pelvic splinting (upside down KED)		Lab Team

WEEK #21 (3 Clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
2/17/20 Monday	0900-1030	Quiz 14	PCR due: SCI w/ paralysis		M. Gentile
	1030-1200	Patients with Autism			B. Hornstein
	1200-1300	Lunch			
	1300-1700	Radiation emergencies			K. Christianson
2/18/20 Tuesday	0900-1200	Kinematics of trauma	Bledsoe textbook: Vol. 4; pp. 18-55		M. Gentile
	1200-1300	Lunch			
	1300-1700	Hypovolemic Shock	SOP: Shock Bledsoe textbook: Vol. 4; Ch. 3, pp. 57-77		M. Gentile
2/19/20 Wed	Hospital clinical: ED, OR (not Sun or Sat), ICU, OB; Peds; Psych, Stroke unit (#23)				
2/20/20 Thurs	Hospital clinical: ED, OR (not Sun or Sat), ICU, OB; Peds; Psych, Stroke Unit (#24)				
2/21 or 2/22 Fri/Sat	Hospital clinical: ED, OR (not Sun or Sat), ICU OB; Peds; Psych, Stroke Unit (#25)				

WEEK #22: (1 Clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
2/24/20 Mon	0900-1200	Hazardous Materials Incidents	SOP: Hazardous Materials Incidents chemical agents, widespread disease outbreak SOP: Weapons of mass destruction – Duo-Dote kits <u>Bledsoe textbook:</u> Vol. 5, Ch. 13, pp. 354-374	Chempack requests	S. Pierson
	1200-1300	Lunch			
	1300-1700	Gun safety			S. Pierson
2/25/20 Tues	0900-1200	Vehicle rescue and rescue awareness operations	Policy: L-2: Safe Ambulance Operation: Use of Lights and Sirens <u>Bledsoe textbook:</u> Vol. 5, Ch. 9, 10, 12 14		D. Hansen
	1200-1300	Lunch			
	1300-1700	LAB	Practice: <u>Trauma scenarios:</u> (Head, spine, chest, abdomen; MSK, burn) <u>Competency measured:</u> Cardiac arrest mgt: peds		Lab Team
2/26/20 Wed	0900-1500	Mod IV (EMS 213) PRACTICAL Exam *Students are assigned in shifts; list will be given in class	Practical Exam Module IV (EMS 213) <u>Trauma scenarios:</u> (Head w/ airway impairment, Spine w/ neuro losses, Chest/abdomen, MSK w/ need for hemorrhage control, Burn)		Lab Team
2/27/20 Thurs PEMSC	0900-1200	Mod IV (EMS 213) Written Exam & ECG Strip Test			M. Gentile
	1200-1300	Lunch			
	1300-1330	Exam Review (LC 3/4)			M. Gentile
	1330-1530	Orientation to field internship	Policy: P-1: Preceptor		M. Gentile
	1530-1700	Orientation to Fisdap for the field internship			J. Dyer
2/28/20 Fri	If necessary hospital clinical makeup: ED, OR (not Sun or Sat), ICU, OB; Peds; Psych, Stroke Unit END OF EMS 213 and 218				

Prerequisites for release to Field Internship (EMS 215):

- Successful completion of EMS 213
- Successful completion of EMS 218 (except for the elective), paperwork submitted to & approved by J. Dyer
- All patient care contacts and skill revolutions required prior to onset of Field Internship done and entered into Fisdap by student and approved by J. Dyer
- All class-required simulated runs completed by student, submitted to and approved by J. Albert
- Eligible preceptor(s) identified by agency, approved by hospital educator, & paperwork submitted to M. Gentile
- Agency agreement to host students signed by authorized administrator and submitted to C. Mattera
- Hold harmless statement signed by student and forwarded to agency

There are additional patient care contacts and skill revolutions that must be completed during the field internship. If a student is not meeting these requirements by the middle of phase II, notify J. Dyer so you can be scheduled for additional hospital clinical shifts. The specific numbers of each to be done prior to and during EMS 215 will be given to students.

EMS 215 Field Internship			
Weeks: 23-34 Feb 28- May 15, 2020	On shift with preceptors (agency-specific hours)	IF ALL REQUIREMENTS ARE COMPLETED –Eligible to start EMS 215 Field Internship on Feb 28, 2020 Student approval to start will be sent by e-mail to student; Provider EMSC, and hospital EMSC**	
*Summer semester begins; EMS 216: Seminar Hours and Finals (Wks 35-39)			
May 21, 22, 27, 28, 29 June 1, 2, 3, 2020	0900 - 1700	Specific agenda for seminar will be released in late April.	M. Gentile
6/4/20	0900 – 1700	Final Practical exam *Students are assigned in shifts; list will be given in class	M. Gentile & lab team
6/5/20	0900 - 1300	Final Written exam & ECG strip test (Auditorium)	M. Gentile
6/8 & 6/9, 2020	10 min appts	Student summative evaluations	M. Gentile
6/10/20	7:00 - 8:30 pm	Graduation! (Auditorium)	All EMS team
6/19/20	0800 for group 1 1100 for group 2	NREMT Practical Exam Learning Center	M. Gentile & lab team

**Field Internships (EMS 215) not completed by May 15th, 2020 may be extended on a case by case basis for up to six weeks. All internships must be completed by June 26, 2020 unless compelling extenuating circumstances apply or a failing grade must be reported to Harper College.