

## Paramedic Program Academic Calendar F22-23 (updated 9-7-22)

- Presumes face to face instruction and full access to clinical experiences. Expect changes if conditions require virtual classes and restriction of clinical units.
- Assumed knowledge:** EMT content; baseline reading and math competency; and Medical Terminology

Week # 1					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
9/12/22 Mon	0900-1200	<b>Welcome! Orientation</b>	Student policies Release of academic Information Student learning contract Consent for invasive procedures Consent for photographs COVID 19 waiver	Icebreaker activity, Sign & submit agreements	M. Gentile
	1200-1300	Lunch			
	1300-1530	<b>Orientation cont.</b>			
	1530-1700	<b>Brilliant on the basics:</b> <i>Ready to sprint or stuck in the gate?</i>		EMT white board game	C. Dunn
9/13/22 Tue	0900-1200	<b>Workforce safety and wellness:</b> Illness & injury prevention; blood borne pathogens; preventing spread of disease; PPE; <b>public health</b> emerg, health promotion; body's response to stress	<b>Policies:</b> I-2 Infection Control – DICOs I-4: Impaired practice S-1: Stress Intervention / CISM	<b>Skills &amp; Application:</b> Selection, donning, doffing, disposal of PPE; contact, droplet, & airborne precautions; exposure follow-up	M. Gentile
	1200-1300	Lunch			
	1300-1700	<b>EMS Systems Standards of practice:</b> SOPs, Policy manual Procedure manual Drug & Supply List	<b>SOP:</b> Introduction (p.1-2) <b>Policies:</b> A-2: Use of Aeromedical Transport; A-3: ALS vs. BLS Care/Scope of Practice; B-1: Hosp. Resource Limitation/Bypass; Req. for State Licensure; 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.	<b>SOPs &amp; Policies found on System website:</b> <a href="http://www.nwccemss.org">www.nwccemss.org</a> under Standards of Practice tab	C. Mattera
9/14/22 Wed	0900-1200	<b>Intro to medical math</b>			M. Gentile
	1200-1300	Lunch			
	1300-1700	<b>Patient assessment: Primary assessment</b> Tools of assessment Maneuvers of assessment Sequencing and technique	<b>SOPs:</b> General patient assessment; Initial Medical Care Pediatric IMC, Elderly Patients <b>Policies:</b> P-2: Physician/Nurse On Scene; P-3: Crime Scene Response	<b>Skills &amp; Application:</b> Scene size up Hazard abatement Finding & resuscitating life-threats   Pain mgt	M. Gentile
9/15/22 Thurs	0900-1200	<b>Patient assessment: Secondary assess;</b> including age-related variations in pediatric and geriatric patients	<b>Skills &amp; Application:</b> Obtaining pt. history VS   Review of Systems: breath & heart sounds		K. Chesney

Week # 1					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
	1200-1300	Lunch			
	1300-1500	Patient assessment cont.; w/ age-related variations in pediatrics and geriatric patients			
	1500-1700	<b>EMS System communications:</b> equip; communication with other health care professionals; team communication & dynamics	<b>Policies:</b> C-8 Communications Policy O-1 Override <b>SOP:</b> Radio Report	Role playing calling OLMC for a BLS patient	M. Gentile
9/16/22 Fri	0900-1000	Quiz 1 blue print review			
	1000-1200	<b>Pharmacology:</b> Med safety; legislation; naming; classifications; schedules; pharmacokinetics; storage & security; metabolism & excretion; actions; interactions; toxicity; immunizations	<b>Policies:</b> C-6: Controlled Substances; Logs; D-2: Drug Replacement; D-3: Exchanging drugs; R-7 Reportable Incidents; <b>SOP:</b> Drug appendix	<b>Skills &amp; Application:</b> Pharmacology exercise Controlled Substance Logs	K. Chesney
	1200-1300	Lunch			
	1300-1400	General pharm. cont.			
	1400-1700	Autonomic NS			

Week # 2					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
9/19/22 Mon	0900-1030	Quiz 1			M. Gentile
	1030-1200	Hospital clinical orientation			Jen & Bill
	1200-1300	Lunch			
	1300-1430	Hospital clinical signup			Jen & Bill
	1430-1700	Intraosseous infusions	Skills & Application: IO access		M. Gentile
9/20/22 Tue	0900-1100	Vascular access: peripheral IVs	Skills & Application: IV access adults & peds; venous blood sampling; IVPB/Sapphire pump use		M. Gentile
	1100-1200	Medication administration	Skills & Application: Selective routes of med administration (Inhaled, IM, IM auto-injector; IN (NAS); IV/IO; SL; NG; PO; Rectal; SUBQ; topical; transdermal)		M. Gentile
	1200-1300	Lunch			
	1300-1500	FISDAP Orientation. Must have established a FISDAP account			Jen & Bill
	1500-1700	IV - BD Nexiva Demo			P. Gruber
9/21/22 Wed	0900-1200	Lab 1			Lab Team
		Stations Individual skill lab: *IM &SUBQ X 2 Inhaled MDI; HHN/mask X 2 Intranasal (MAD device) X 2 Patient assessment X 1 COMPETENCY measured: Donning/doffing PPE	Goals for SMC Matrix Criteria:- must calculate dose ea. med IM: 1 individual skill in lab; 1 isolated skill on LIVE pt (1 & 2 of 2) SUBQ: 1 individual skill in lab; 1 isolated skill on LIVE pt (1 & 2 of 2) Inhaled: 2 individual skills in lab (1 & 2 of 2) Intranasal: 2 individual skills in lab (1 & 2 of 2) Via patient assessment: 1 individual skill in lab Obtain a pt history from an A&O pt: (1 of 2) Comp normal assessment-adult; (1 of 2) Medical assess w/ cardiac exam; (1 of 2)		
	1200-1300	Lunch			

Week # 2					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
	1300-1700	<b>Lab 2</b>			
		<b>Stations</b> <b>Individual skill lab:</b> IO access (tibia/humerus) x2 Patient assessment X 1 (w/ VS practice) <b>Skill lab in scenario</b> Inhaled MDI; HHN/mask X 2 IM & SUBQ X 1 Intranasal (MAD device) X 2	<b>Goals for SMC Matrix Criteria:- must calculate dose ea med</b> <b>IO infusion:</b> 2 individual skill in lab; (1 & 2 of 2) <b>Inhaled:</b> 2 individual skill in scenario; (1 & 2 of 2) <b>IM:</b> 1 individual skill in scenario; (1 of 1) <b>SUBQ:</b> 1 individual skill in scenario; (1 of 1) <b>Intranasal:</b> 2 individual skill in scenario; (1 & 2 of 2) <b>Via patient assessment:</b> 1 individual skill in lab <b>Obtain a patient history from an A&amp;O pt;</b> (2 of 2) <b>Comp normal physical assess. adult;</b> (2 of 2) <b>Medical including cardiac physical assess</b> (2 of 2)		Lab Team
9/22/22 Thurs	0900-1200	<b>Respiratory A&amp;P</b> including age-related variations in pediatric and geriatric pts		<b>Skills &amp; Application</b> Pulse oximetry	M. Gentile
	1200-1300	Lunch			
	1300-1700	<b>Respiratory A&amp;P cont.</b>			M. Gentile
9/23/22 Fri	0900-1030	<b>Airway Management</b> Positioning, BLS adjuncts; suctioning; including age-related variations in pediatric and geriatric pts	SOP: Airway obstruction (adult and peds)	<b>Skills &amp; Application</b> <b>Peds &amp; adults:</b> Manual maneuvers; NPA/OPA; suction oral/tracheal; airway obstruction techniques; direct laryngoscopy	M. Gentile
	1030-1200	<b>Endotracheal intubation</b>		<b>Skills &amp; Application</b> ETI; use of bougie	Dr. Jordan
	1200-1300	Lunch			
	1300-1700	<b>ETI cont./ Drug assisted intubation (DAI)</b>	SOP: Advanced Airways/DAI; Peds airway adjuncts	<b>Skills &amp; Application</b> Drugs: ketamine, etomidate, midazolam, fentanyl	Dr. Jordan

Week # 3					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
<b>EMS 217 begins (actual start 9-30-22 or 10-1-22)</b>					
9/26/22 Mon	0900-1015	<b>Quiz 2</b>			M. Gentile
	1015-1200	<b>Video Laryngoscopy (King Vision)</b>	SOP: Advanced airways/DAI	<b>Skills &amp; Application</b> ETI w/ King vision	Dr. Jordan
	1200-1300	Lunch			
	1300-1700	<b>Extraglottic airways</b> i-gel; LMA; CombiTube & Other routes of intubation		<b>Skills &amp; Application</b> In-line; Inverse; Digital; & NT intubation; supraglottic airway (i-gel airway)	M. Gentile
9/27/22 Tue	0900-1200	<b>Cricothyrotomy:</b> Needle and surgical	<b>*order sheep trachea's for hands on skills demo</b>	<b>Skills &amp; Application:</b> Needle & surgical cricothyrotomy	M. Gentile
	1200-1300	Lunch			
	1300-1500	<b>Cric Lab – Sheep trachea</b>			Mike & Bill
	1500-1700	<b>Ventilating pts.; O<sub>2</sub> delivery devices/CPAP</b> including age-related variations in pediatric and geriatric patients		<b>Skills &amp; Application:</b> Adults & Peds: All O <sub>2</sub> delivery devices; SpO <sub>2</sub> ; CPAP; BVM ventilations; Mouth to (barrier, mask, mouth, nose, stoma)	M. Gentile

Week # 3					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
9/28/22 Wed	0900-1200	Lab 3			
		<b>Stations</b> <b>Individual skill lab:</b> IV – manikin (2 stations) X 2 IVPB infusion X 2 IV bolus X 2 <b>Individual skill in scenario:</b> IO access X 1 IM & SUBQ X 1 <b>Competency:</b> Patient assessment VS	<b>Goals for SMC Matrix Criteria:</b> <b>IO infusion:</b> 1 individual skill in scenario; (1 of 4) <b>IV therapy:</b> 2 individual skill in lab; (1&2 of 3) <b>IVPB infusion:</b> 2 individual skill in lab; ( 1&2 of 2) <b>IV medication admin:</b> 2 individual skill in lab; (1&2 of 2) <b>IM &amp; SUBQ:</b> 1 each individual skill in scenario; (2 of 2) <b>Glucometer:</b> Individual skill (1 of 2)		Lab Team
	1200-1300	Lunch			
	1300-1700	Lab 4			
		<b>Stations</b> <b>Individual skill lab:</b> Direct OTI X 2 Nasotracheal intubation X 1 Supraglottic (i-gel) X 1 IV start X 1 <b>Ind. skill in scenario:</b> IO access X 1 <b>Competency:</b> Patient assessment VS	<b>Goals for SMC Matrix Criteria:</b> <b>IO infusion:</b> 1 individual skill in scenario (2 of 4) <b>Direct OTI adult:</b> 2 individual skill in lab (1&2 of 10) <b>NT int. adult:</b> 1 individual skill in lab (1 of 2) <b>Supraglottic adult:</b> 1 individual skill in lab (1 of 2) <b>IV therapy:</b> 1 individual skill in lab; (3 of 3) <b>Glucometer:</b> Individual skill (2 of 2)		Lab Team
9/29/22 Thurs	0900-1200	Lab 5			
		<b>Stations</b> <b>Individual skill lab:</b> Direct OTI X 2 Supraglottic (i-gel) X 1 Nasotracheal intubation X 1 In-line OTI X 2 <b>Live IVs</b> X 1	<b>Goals for SMC Matrix Criteria:</b> <b>Direct OTI adult:</b> 2 individual skill in lab; (3&4 of 10) <b>Supraglottic adult:</b> 1 individual skill in lab; (2 of 2) <b>Nasotracheal int. adult:</b> 1 individual skill in lab; (2 of 2) <b>In-line ETI:</b> 2 individual skill in lab (2 of 2) <b>IV therapy:</b> 1 individual skill on live patient (1 of 3)		Lab Team
	1200-1300	Lunch			
	1300-1700	Lab 6			
		<b>Stations</b> <b>Individual skill lab:</b> Direct OTI X 2 Surgical and needle cric (manikin and sheep) X 2 <b>Individual skill in scenario:</b> IO access x1 IV access w/ IV med admin X 2 Supraglottic airway (i-gel) X 1	<b>Goals for SMC Matrix Criteria:</b> <b>Direct OTI adult:</b> 2 individual skill in lab; (5&6 of 10) <b>IO infusion:</b> 1 individual skill in scenario; (3 of 4) <b>IV therapy:</b> 2 individual skill in scenario; (1&2 of 10) <b>Supraglottic (i-gel):</b> 1 individual skill in scenario; (1 of 6) <b>IV med admin:</b> 2 individual skill in scenario; (2 of 2) <b>Needle cric:</b> 1 individual skill in lab; (1 of 2) <b>Surgical cric:</b> 1 individual skill in lab		Lab Team
9/30 or 10/1 Fri or Sat Hospital Clinical (#1): ED (Adult)					

Week # 4					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
10/3/22 Mon	0900-1015	<b>Quiz 3</b>			M. Gentile
	1015-1200	<b>Paramedic Roles &amp; Responsibilities:</b> Attributes of professionalism; quality mgt; EMS research			M. Gentile
	1200-1300	Lunch			

Week # 4					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
	1300-1700	<b>Acid base imbalances</b>			M. Gentile
10/4/22 Tue		<b>Lab 7</b>			
	0900-1200	<b>Stations</b> <b>Individual skill lab:</b> Surgical cric x1; Direct OTI X 2 CPAP X 1 <b>Ind. skill lab in scenario:</b> Supraglottic (i-gel X 2) Needle cric X2	<b>Goals for SMC Matrix Criteria:</b> <b>Direct OTI adult:</b> 2 individual skill in lab (7&8 of 10) <b>Supraglottic (i-gel):</b> 2 individual skill in scenario; (2&3 of 6) <b>CPAP:</b> 1 individual skill in lab; (1 of 1) <b>Surgical cric:</b> 1 individual skill in lab; (2 of 2) <b>Needle cric:</b> 2 individual skill in scenario; (1&2 of 4)		Lab team
	1200-1300	Lunch			
	1300-1700	<b>Stations</b> <b>Individual skill lab:</b> Direct OTI <b>Individual skill in scenario:</b> Direct OTI w/ DAI X 2 CPAP x2   IV access X 2 Needle cric x2   IO access X 1	<b>Goals for SMC Matrix Criteria:</b> <b>Direct OTI adult:</b> 2 individual skill in lab; (9 & 10 of 10) <b>CPAP:</b> 2 individual skill in scenario; (1 & 2 of 2) <b>IV therapy:</b> 2 individual skill in scenario; (3 & 4 of 10) <b>Needle cric:</b> 2 individual skill in scenario; (3 & 4 of 4) <b>IO infusion:</b> 1 individual skill in scenario; (4 of 4)		Lab team
10/5/22 Wed	0900-1200	<b>Therapeutic Communication</b>		<b>Skills &amp; Application:</b> Role play patient scenarios	M. Gentile
	1200-1300	Lunch			
	1300-1700	<b>Fluids and electrolytes</b>			C. Mattera
10/6/22 Thurs	0900-1200	<b>Ethics in EMS</b>	<b>Policy:</b> E-5: Code of Ethics	<b>Skills &amp; Application:</b> Values card exercise Ethical scenarios	M. Gentile
	1200-1300	Lunch			
	1300-1700	<b>Capnography</b>	<b>SOP:</b> Capnography	<b>Skills &amp; Application:</b> EtCO <sub>2</sub> application, interpretation and monitoring	M. Gentile
10/7/22 Fri	0900-1200	<b>Documentation</b>	<b>Policies:</b> C-7 Confidentiality D-4:Data Collection <b>SOP:</b> Medical abbreviations	<b>Skills &amp; Application:</b> Writing patient care reports (PCRs) that meet FACT criteria	K. Chesney
	1200-1300	Lunch			
	1300-1700	<b>Legal:</b> Legal system, civil and criminal law; negligence; torts, issues of consent/dissent; confidentiality; statutory responsibilities; mandatory reporting; health care regulation; pt rights/advocacy	<b>Policies:</b> A-1 Abandonment D-1 Due Process G-1,G-2,G-3: Grievance M-8 Med Device Malfunction R-6 Refusal of Care R-7 Reportable Incidents	<b>Skills &amp; Application:</b> Role play legal scenarios	C. Mattera

Week # 5 (1 clinical shift this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
10/10/22 Mon	0900-1030	<b>Quiz 4</b>			
	1030-1200	<b>EMS 210 Wrap Up</b>	<b>Class Review</b>		M Gentile
	1200-1300	Lunch			
	1300-1700	<b>Lab 9</b>			

Week # 5 (1 clinical shift this week)						
Date	Time	Topic	Pre-class prep	Class Activity	Faculty	
		<u>Stations</u> <b>Ind. skill lab in scenario:</b> Direct OTI X 2 Supraglottic (i-gel) X 2 IV access X 2   IVPB X 2 <b>Competency: IM &amp; SUBQ</b>	<b>Goals for SMC Matrix Criteria:</b> <b>Direct OTI adult:</b> 2 individual skill in scenario; (1 & 2 of 2) <b>IV therapy:</b> 2 individual skill in scenario; (5 & 6 of 10) <b>Supraglottic (i-gel):</b> 2 individual skill in scenario; (4 & 5 of 6) <b>IVPB infusion:</b> 2 individual skill in scenario; (1 & 2 of 2)		Lab Team	
10/11/22 Tues		<b>Lab 10 (airway obstacle course)</b>				
	0900-1200	<b>Stations</b> <b>Ind. skill lab in scenario:</b> King vision and direct OTI Supraglottic (i-gel) X 1 Patient assessment X 2 IV access X 1 CPAP w/ DAI Needle cric	<b>Goals for SMC Matrix Criteria:</b> <b>Supraglottic:</b> 1 individual skill in scenario; (6 of 6) <b>IV therapy:</b> 1 individual skill in scenario; (7 of 10) *if short on minimums, opportunity to log the following skills in scenario: <b>needle cric, OTI or CPAP</b> <b>Via patient assessment:</b> <b>Obtain a pt Hx from an A&amp;O pt;</b> 2 skills in scenario (1 & 2 of 2) <b>Comprehensive normal physical assessment-adult;</b> 2 individual skill lab in scenario (1 & 2 of 2) <b>Medical including cardiac physical assessment;</b> 2 individual skill lab in scenario (1 & 2 of 2)		Lab team	
	1200-1300	Lunch				
	1300-1700	<b>Stations:</b> IV scenarios X 3 <b>Final prep for practical exam:</b> DAI, CPAP, IN; IVP/ IVPB, i-gel, needle & surgical cric, IO	<b>Goals for SMC Matrix Criteria:</b> <b>IV therapy:</b> 3 individual skill in scenario (8-10 of 10) <b>IO:</b> proximal humerus & tibial sites <b>Patient assessment:</b> Individual skill in lab *Option to make up any additional shortages		Lab Team	
10/12/22 Wed	0900-1500	<b>EMS 210 Practical Exam</b> i-gel airway Needle and surgical cric IV vascular access   IO DAI   CPAP   IN (MAD device) Med admin: IVP/IVPB	<b>Goals for SMC Matrix Criteria:</b> *if short on minimums, opportunity to log 1 of each of the following individual skills in lab:  <b>Supraglottic airway, needle cric, surgical cric, IV access, IO infusion, Direct OTI adult, CPAP, Intranasal intubation, IVPB infusion, IV med admin</b>		Lab Team	
10/13/22 Thurs	0900-1200	<b>EMS 210 Cognitive EXAM (Auditorium)</b>				M. Gentile
	1200-1300	Exam review (LC 3 & 4)				
<b>EMS 210 ends</b>						
10/14 or 10/15 Fri or Sat		<b>Hospital Clinical (#2): Options: ED (Adult)   or the OR (not on Sat)</b>				

WEEK #6: (1 clinical shift this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
EMS 211 begins					
10/17/22 Mon	0900-1200	<b>Respiratory disorders: Acute</b> Adult and peds	<b>SOP:</b> Acute respiratory disorders (pneumonia/ influenza; Pulmonary embolism) Peds: Croup, epiglottitis, RSV/ Bronchiolitis   BRUE	<b>Skills &amp; Application:</b> Drugs: albuterol, ipratropium, epinephrine 1 mg/1mL, magnesium MDI, nebulizer: mouth piece/ mask/in-line w/ BVM & C-PAP	M. Gentile
	1200-1300	Lunch			
	1300-1700	<b>Respiratory disorders: Chronic: COPD/asthma</b> Adult and peds	<b>SOP:</b> COPD/Asthma (adult and peds)		C. Mattera
10/18/22 Tue	0900-1200	<b>Cardiovascular A&amp;P</b>			C. Mattera
	1200-1300	Lunch			
	1300-1700	Cardiac A&P cont.			C. Mattera
10/19/22 Wed Hospital Clinical #3: ED (Adult – may also schedule on Sun or Sat)   or the OR					
10/20/22 Thurs	0900-1200	<b>SHOCK: General etiologies, pathophysiology – all forms</b>		Shock SOPs	C. Mattera
	1200-1300	Lunch			
	1300-1700	Shock cont.			C. Mattera
10/21/22 Fri	0900-1200	Lab 12			Lab Team
		<u>Stations</u> Comp. lab scenarios: Medical (resp) X 4	<u>Goals for SMC Matrix via comprehensive. scenarios in a lab</u> 4 Medical including respiratory assessment: (1-4 of 10) 4 Obtaining a pt Hx from an A&O pt: (1-4 of 8) Comprehensive skill competencies performed in lab: Inhaled (1 of 2); CPAP (1 of 2); IM/SUBQ (1 of 2); 4 IVs (1-4 of 15); 4 IV med admin (1-4 of 15); 4 ETIs (1-4 of 12)		
	1200-1300	Lunch			
	1300-1700	Lab 13			Lab Team
		<u>Stations</u> Comp. lab scenarios: Medical (resp) X 4	<u>Goals for SMC Matrix via comprehensive medical resp. scenarios</u> 4 Medical including respiratory assessment: (5-8 of 10) 4 Obtaining a pt Hx from an A&O pt: (5-8 of 8) Comprehensive skill competencies in lab: Inhaled (2 of 2); CPAP (2 of 2); IM/SUBQ (2 of 2); 4 IVs (5-8 of 15); 4 IV med admin (5-8 of 15); 4 ETIs (5-8 of 12)		

WEEK #7: (2 Clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
10/24/22 Mon	0900-1030	<b>Quiz 5</b>			M. Gentile
	1030-1200	<b>Acute Coronary Syndromes (ACS); cardiac assessment</b>	<b>SOP:</b> ACS	<b>Skills &amp; Application:</b> Drugs: ASA, NTG, fentanyl; ketamine	M. Gentile
	1200-1300	Lunch			
	1300-1700	ACS & CVD cont.			C. Mattera
10/25/22 Tues	0900-1200	<b>HF/pulmonary edema; Cardiogenic shock; HTN; Vascular diseases; AAA; VADs</b>	<b>SOP:</b> HF/Pulmonary Edema VADs HTN   Differential for dyspnea	<b>Skills &amp; Application:</b> Drugs: NTG; norepinephrine CPAP	M. Gentile
	1200-1300	Lunch			
	1300-1700	CVD and complications cont.			M. Gentile



WEEK #7: (2 Clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
10/26/22 Wed <b>Hospital Clinical #4:</b> ED (Adult – may also schedule on Sun or Sat)   or the OR					
10/27/22 Thurs	0900-1200	Intro to electrophysiology and ECG interpretation		<b>Skills &amp; Application:</b> Lead placement; Measuring rate/ intervals	M. Gentile
	1200-1300	Lunch			
	1300-1700	ECG interpretation cont.			
10/28/22 Fri <b>Hospital Clinical #5:</b> ED (Adult – may also schedule on Sun or Sat)   or the OR					

WEEK #8: (2 Clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
10/31/22 Mon	0900-1030	Quiz 6			M. Gentile
	1030-1200	Rhythms/Dysrhythmias originating in the SA node	SOP: Bradycardia with a pulse (adult and peds)	Skills & Application Atropine, inopressors, pacing (pain/sedation), glucagon	M. Gentile
	1200-1300	Lunch			
	1300-1700	Rhythm interpretation group work: SA node			
11/1/22 Tues	0900-1200	Dysrhythmias originating in the atria	SOP: Narrow QRS Tachycardia (adult and peds)	Skills & Application Vagal maneuvers adenosine, verapamil cardioversion (sedation)	M. Gentile
	1200-1300	Lunch			
	1300-1700	Rhythm interpretation group work: Atrial			
11/2/22 Wed Hospital Clinical #6: ED (Adult – may also schedule on Sun or Sat)   or the OR					
11/3/22 Thurs	0900-1200	Rhythms originating in the AV Node	SOP: Bradycardia with a pulse (adult and peds)		M. Gentile
	1200-1300	Lunch			
	1300-1700	Rhythm interpretation group work; AV node			
11/4/22 Fri Hospital Clinical #7: ED (Adult – may also schedule on Sun or Sat)   or the OR					

WEEK #9: (2 clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
11/7/22 Mon	0900-1030	Quiz 7			M. Gentile
	1030-1200	AV Heart blocks	SOP: Bradycardia with a pulse (adult and peds)		M. Gentile
	1200-1300	Lunch			
	1300-1700	Rhythm interpretation group work: AVBs			Mike & Bill
11/8/22 Tues	0900-1200	Rhythms/Dysrhythmias originating in the ventricles	SOPs: Adult and peds: Wide complex tachycardia w/ a pulse, VF/ pulseless VT; Asystole/PEA	Skills & Application: Defibrillation (automated and manual), epinephrine 1mg/10mL, amiodarone	M. Gentile
		Rhythm interpretation group work: Ventricular			
	1200-1300	Lunch			



WEEK #9: (2 clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
	1300-1500	Lab 14			
		<b>Stations</b> <b>Individual skills:</b> TCP, defib, cardioversion X 2  <b>Comprehensive lab scenarios:</b> Dynamic cardiac X 3	<b>Goals for SMC Matrix Criteria:</b> 2 Transcutaneous Pacing: individual skill (1 & 2 of 2) 2 Defibrillation: individual skill (1 & 2 of 2) 2 Synchronized cardioversion: individual skill (1 & 2 of 2) <u>Via comprehensive dynamic cardiac scenarios</u> 3 Medical including cardiac assessment: Comp scenario in a lab (9 & 10 of 10+) 3 Obtaining a Hx from an A&O pt: Comp scenario in a lab (+) <b>Comp lab scenario/skill competencies performed in lab:</b> 3 supraglottics (1-3 of 12); 3 TCP (1-3 of 10); 3 defib (1-3 of 10); 3 cardioversion (1-3 of 10)		Lab Team
11/9/22 Wed Hospital Clinical #8: ED (Adult – may also schedule on Sun or Sat)   or the OR					
11/10/22 Thurs	0900-1200	Lab 15			
		<b>Stations</b> <b>Individual skill scenarios:</b> TCP, defib, cardioversion X 2  <b>Comprehensive lab scenarios:</b> Medical (cardiac) scenarios X 2	<b>Goals for SMC Matrix Criteria:</b> 2 Transcutaneous Pacing: individual skill scenario (1 & 2 of 4) 2 Defibrillation: individual skill scenario (1 & 2 of 4) 2 Cardioversion: individual skill scenario (1 & 2 of 4) <u>Via comprehensive medical/cardiac scenarios</u> 2 Medical w/ cardiac assessment: Comp scenario in lab (+) 2 Obtaining a Hx from an A&O pt: Comp scenario in a lab (+) <b>Comprehensive lab scenario/skill performed in lab: 2 IVs (9 &amp; 10 of 15); 2 IV med admin (9 &amp; 10 of 15); 2 ETIs (9 &amp; 10 of 12)</b>		Lab Team
	1200-1300	Lunch			
	1300-1700	Lab 16			
<b>Stations</b> <b>Individual skill scenarios:</b> TCP, defib, cardioversion x 2  <b>Comprehensive lab scenarios:</b> Medical (cardiac) scenarios x2		<b>Goals for SMC Matrix Criteria:</b> 2 Transcutaneous Pacing: individual skill scenario (3 & 4 of 4) 2 Defibrillation: individual skill scenario (3 & 4 of 4) 2 Cardioversion: individual skill scenario (3 & 4 of 4) <u>Via comprehensive medical/cardiac scenarios</u> 2 Medical w/ cardiac assess: comprehensive scenario in a lab (+) 2 Obtaining a Hx from an A&O pt: Comp scenario in a lab (+) <b>Comp lab scenario/skill performed in lab: 2 IVs (11 &amp; 12 of 15); 2 IV med admin (11&amp;12 of 15); 2 ETI's (11 &amp; 12 of 12)</b>		Lab Team	
11/11/22 Fri Hospital Clinical #9: ED (Adult – may also schedule on Sun or Sat)   or the OR					

WEEK #10: (2 clinical shifts this week)						
Date	Time	Topic	Pre-class prep	Class Activity	Faculty	
11/14/22 Mon	0900-1030	Quiz 8			M. Gentile	
	*Assign self-selected paper (instructions given to class)					
	1030-1200	Team Cardiac Arrest	Policy: T-1: Triple Zero SOP: Cardiac arrest (adult and peds)	Skills & Application: CPR; mechanical CPR device O2 delivery   Defibrillation Early vs. delayed ventilation Vasc. access   CA meds Hs & Ts   ROSC care Termination of resuscitation	C Mattera	
	1200-1300	Lunch				
	1300-1430	Team cardiac arrest; cont.				C. Mattera
	1430-1700	Cardiology review: OHCA, dynamic, static cardiology				Mike & Bill

WEEK #10: (2 clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
11/15/22 Tues	0900-1200	<b>Lab 17</b>			
		<b>Stations</b> <b>Comprehensive lab scenarios:</b> Medical (cardiac/resp.) scenarios x3 Pit crew cardiac arrest mgt X 2	<b>Goals for SMC Matrix Criteria:</b> <a href="#">Via comprehensive medical/cardiac or resp. scenarios</a> 3 Medical including cardiac assess: Comp scenario in a lab (+) 3 Obtaining a Hx from an A&O pt: Comp scenario in a lab(+) Comp lab scenario/skill competencies in a lab: 3 IVs (13-15 of 15); 3 IV med admin (13-15 of 15) 3 ETI's (+) <a href="#">Via comprehensive team cardiac arrest scenario</a> Comp lab scenario/skill competencies performed in lab: 2 supraglottic (3 & 4 of 12); 2 IO (1 & 2 of 2); 2 IV med admin (+)	Lab Team	
	1200-1300	Lunch			
	1300-1700	<b>Lab 18</b>			
		<b>Stations</b> <b>Comp lab scenarios:</b> Medical (cardiac/resp) X 2 Dynamic cardiac X 2 Team cardiac arrest mgt X 2	<b>Goals for SMC Matrix Criteria:</b> <a href="#">Via comprehensive medical/cardiac or resp scenarios</a> 2 Medical including cardiac assess: Comp scenario in a lab (+) 2 Obtaining a Hx from an A&O pt: Comp scenario in a lab (+) Comp lab scenario/skill competencies performed in lab: 2 IVs (+); 2 IV med admin (+); ETI (+) <a href="#">Via comprehensive dynamic cardiac scenarios</a> 2 supraglottic (5 & 6 of 12); 2 TCP (4 & 5 of 10); 2 defibrillation (4 & 5 of 10); 2 cardioversion (4 & 5 of 10) <a href="#">Via comprehensive team cardiac arrest scenario</a> Comp lab scenario/skill competencies performed in lab: IO (+); 1 supraglottic (7 & 8 of 12); 1 IV med admin (+)	Lab Team	
11/16/22 Wed <b>Hospital Clinical #10: ED (Adult – may also schedule on Sun or Sat)   or the OR</b>					
11/17/22 Thurs		<b>Lab 19</b>			
	0900-1200	<b>Stations</b> <b>Comp. lab scenarios:</b> Medical (cardiac/resp.) X 2 Dynamic cardiac X 2 Team cardiac arrest mgt X 2	<b>Goals for SMC Matrix Criteria:</b> <a href="#">Via comp medical/cardiac or resp. scenarios</a> 2 Medical including cardiac assess: Comp scenario in a lab (+) 2 Obtaining a Hx from an A&O pt: Comp scenario in a lab (+) Comp lab scenario/skill competencies performed in lab: 2 IVs (+); 2 IV med admin (+); ETI (+) <a href="#">Via comprehensive dynamic cardiac scenarios</a> 2 supraglottic (9 & 10 of 12); 2 TCP (6 & 7 of 10); 2 defibrillation (6 & 7 of 10); 2 cardioversion (6 & 7 of 10) <a href="#">Via comprehensive team cardiac arrest scenario</a> Comp lab scenario/skill competencies performed in lab: IO (+); 1 supraglottic (11 & 12 of 12); 1 IV med admin (+)	Lab Team	
	1200-1300	Lunch			
	1300-1700	<b>Lab 20</b>			
		<b>Stations</b> <b>Comp lab scenarios:</b> Medical (cardiac/respiratory) scenarios x2 Dynamic cardiac scenarios x 2	<b>Goals for SMC Matrix Criteria:</b> <a href="#">Via comprehensive medical/cardiac or resp. scenarios</a> 2 Medical including cardiac assess: Comp scenario in a lab (+) 2 Obtaining a Hx from an A&O pt: Comp scenario in a lab (+) Comprehensive lab scenario/skill competencies performed in lab: 2 IVs (+); 2 IV med admin (+); ETI (+) <a href="#">Via comprehensive dynamic cardiac scenarios</a> 2 supraglottic (+); 2 TCP (8 & 9 of 10); 2 defibrillation (8 & 9 of 10); 2 cardioversion (8 & 9 of 10)	Lab Team	
11/18/22 Fri <b>Hospital Clinical #11: ED (Adult – may also schedule on Sun or Sat)   or the OR</b>					

WEEK #11: (2 Clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
11/21/22 Mon	0900-1700	Practical Exam EMS 211 TCP   Defibrillation   Cardioversion Respiratory/Cardiac scenario Dynamic cardiac scenario	Goals for SMC Criteria: +1 of each skill/scenario		Lab Team
11/22/22 Tues	0900-1230	Written EXAM EMS 211 + ECG strip exam			M Gentile
	1300-1400	Exam Review			M. Gentile
11/23/22 Wed Hospital Clinical #12: ED (Adult – may also schedule on Sun or Sat)   No OR					
11/24/22 Thurs Thanksgiving–OFF					
11/25/22 Fri Hospital Clinical #13: ED (Adult – may also schedule on Sun or Sat)  No OR					

WEEK #12 (2 Clinical shifts this week)						
Date	Time	Topic	Pre-class prep	Class Activity	Faculty	
11/28/22 Mon	0900-1200	12 L ECG	SOP: 12 L ECG		Dr. Jordan	
	1200-1300	Lunch				
	1300-1700	12 L ECG cont.				Dr. Jordan
11/29/22 Tue	0900-1200	12 L ECG LAB	Goals for: SMC Matrix Criteria: 12-L ECG placement- 2 ind. skills (1 & 2 of 2) Skills & Application: 12 L ECG acquisition, transmission, interpretation; Telemetric monitoring devices and transmission of clinical data		M Gentile; Bill T.	
	1200-1300	Lunch				
	1300-1700	12 L Lab cont.				Mike & Bill
11/30/22 Wed	0900-1100	Gynecological Emergencies			M. Gentile	
	1100-1200	Elderly emergencies	Policy: I-3: Invalid Assist SOP: Elderly patients		M. Gentile	
	1200-1300	Lunch				
	1300-1400	Elderly cont.				M. Gentile
	1400-1500	Checks for understanding: 12 L ECGs				M. Gentile
	1500-1700	Clinical instructions (Peds and OB)				Jen & Bill
12/1/22 Thurs      Hospital Clinical #14: ED (Adult – may also schedule on Sun or Sat)   or the OR						
12/2/22 Fri      Hospital Clinical #15: ED (Adult – may also schedule on Sun or Sat)   or the OR						

Week #13 (2 clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
12/5/22 Mon	0900-1200	<b>Pediatric Lifespan development; IMC</b>	<b>SOPs:</b> Entire Peds section <b>Policy:</b> Refusals – Minors	<b>Skills &amp; Application:</b> Peds airways access Peds vascular access Peds fluid/drug calculation Peds cardiac arrest mgt	C. Mattera
	1200-1300	Lunch			
	1300-1700	Peds cont. including all peds pain management options			C. Mattera

Week #13 (2 clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
12/6/22 Tue	0900-1200	Emergency Childbirth	SOPs: Entire OB section	<u>Skills &amp; Application:</u> Uncomplicated and complicated deliveries	J Dyer
	1200-1300	Lunch			
	1300-1700	OB Complications Neonatology	SOPs: Newborn care Newborn resuscitation Policy: A-5: Relinquished Newborn	<u>Skills &amp; Application:</u> Newborn resuscitation	J Dyer
12/7/22 Wed Hospital Clinical #16: ED; OR; OB; PEDS					
12/8/22 Thurs	0900-1200	Behavioral emergencies	SOP: Behavioral health emergencies; Post-Taser Policy: E-1 Emotional illness	<u>Skills &amp; Application:</u> Decisional capacity asses. De-escalation   sedation & monitoring   Restraints Post Taser Procedure Suicide Screening Tool	M. Gentile
	1200-1300	Lunch			
	1300-1700	Behavioral emergencies cont.			
12/9/22 Fri	*Self-Selected Paper Assignment Due				
	Hospital Clinical #17: ED; OR; OB; PEDS; PSYCH				

WEEK #14 (2 Clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
12/12/22 Mon	0900-1015	Quiz 9 (covering inter-semester content: OB, peds, behavioral emerg, elderly)			
	1030-1200	LAB 21			
		Stations Individual skill lab: Restraint practice   Peds assessment Direct OTI peds X 2, i-gel X 2 Individual skill scenarios: 12-L ECG	Goals for: SMC Matrix Criteria: 12-L application: individual skill in scenario (1 of 2) Direct OTI - Peds: individual skill (1-4 of 10) Comp. normal assessment (peds): 2 ind. skill (1 & 2 of 2)		Lab Team
		Lunch			
	1300-1700	LAB 22			
Stations Individual skill scenarios: 12-L ECG   Peds assessment Direct OTI – pediatric X 2, i-gel X 2 Competency: Physical restraints		Goals for: SMC Matrix Criteria: 12-lead application: individual skill in scenario (2 of 2) Direct OTI - peds: individual skill (5-8 of 10) Comprehensive normal physical assessment – pediatric: 2 individual skill in scenario (1 & 2 of 2)		Lab Team	
12/13/22 Tue	0900-1200	Peds Case Study/Scenarios   Peds cardiac arrest practical			Mike & Bill
	1200-1300	Lunch			
	1300-1630	Introduction to ImageTrend and data entry practice: Bring electronic devices to class (Will be needed for case studies and ImageTrend Reports)			K. Chesney
	1630-1700	Assign Infectious disease project, explanation of presentation and paper requirements			M. Gentile
12/14/22 Wed Hospital Clinical #18: ED; OR; OB; PEDS; PSYCH					
12/15/22 Thurs	0900-1200	LAB 23			
		Stations: Individual skill lab: Direct OTI – peds X 1, i-gel X1 Normal delivery with newborn care x1 Abnormal delivery w/newborn care x1 Neonatal resuscitation x1	Goals for: SMC Matrix Criteria: Direct OTI - peds: individual skill (9 & 10 of 10) Normal delivery with newborn care: individual skill (1 of 1) Abnormal delivery w/ newborn care: individual skill (1 of 1) Neonatal Resuscitation: Individual skill (1 of 1)		Lab Team

WEEK #14 (2 Clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
	1200-1300	Lunch			
	1300-1700	LAB 24			
	<u>Stations</u> Individual skill scenarios: Normal delivery w/ newborn care X 2 Abn delivery w/ newborn care X 2 Pediatric Assessment X 2	<u>Goals for: SMC Matrix Criteria:</u>  Nml del. & newborn care: Ind. skill in scenario (1&2 of 2) Abn del. & newborn care: Ind. skill in scenario (1 & 2 of 2) Comp normal assess (peds): indi skill in scenario (1 & 2 of 2)		Lab Team	
12/16/22 Fri      Hospital Clinical #19: ED; OR; OB; PEDS; PSYCH					
End of EMS 211 and 217					

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## EMS Fall semester (EMS 210, 211, 217) MUST BE DONE on 12/16/22

### Students PLEASE NOTE:

- PAYMENT for Spring and Summer semesters MUST BE MADE WITH HARPER College on time TO AVOID an AUTOMATED WITHDRAWL**
- You will be batch registered by Harper College for the following and receive notice of payment due:**
  - Spring semester 2023 (January 16 - May 19):** EMS 212, 213, 215 (Field internship), 218 (Hospital Clinical)
  - Summer semester 2023 (May 22 - June 14):** EMS 216 (Seminar hours and summative final exam testing)
- Students who have successfully completed the fall semester will be tentatively assigned to a host EMS agency for EMS 215 pending approval from the agency. After receiving your agency assignment via email, contact their Provider EMS Coordinator (listed in the System Directory) and schedule a meeting with the purpose of determining if placement with them is a good match. **DUE DATE FOR MEETING: January 30, 2023.**

WEEK #15: (1 Clinical shift this week) Spring Semester begins					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
1/16/23 Mon	Student assignment: Infectious disease written report due				
	0900-1200	Environmental toxicology (Bites, stings)			M. Gentile
	1200-1300	Lunch			
	1300-1700	Immune system; body defense against disease; Allergies & Anaphylaxis (adults & peds)	SOP: (adult & peds) Allergic Reactions/ Anaphylactic Shock	Skills & Application: Drugs (adult & peds doses): diphenhydramine, epi 1 mg/1 mL and 1 mg/10 mL; albuterol, ipratropium	M. Gentile
1/17/23 Tue	0900-1200	Environmental emerg: Heat & Cold: adult & peds	SOPs: Heat Emergencies Cold Emergencies		M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB 25			
		Stations Individual skill scenarios: Peds medical (req. DAI X 2) Comp lab scenarios: Normal delivery w/ newborn care X 2   Abn delivery w/ newborn care X 2	Goals for: SMC Matrix Criteria: Direct OTI - peds: individual skill scenario (1-2 of 2) Comprehensive lab scenario/skill competencies in lab: Normal delivery w/ newborn care: ind. skill in scenario (1 & 2 of 4) Abn delivery w/ newborn care: individual skill (1 & 2 of 4) Medical including cardiac assess comp scenario in a lab (1 of 10) Obtaining a pt Hx from an A&O pt: Comp scenario in lab (1 of 8)	Lab Team	
1/18/23 Wed EMS 218: Hospital Clinical #20: ED, OR (not Sun or Sat), OB, PEDS; Psych					
1/19/23 Thurs	0900-1200	Water & altitude-emerg (ad	SOP: Submersion/Drowning incidents (adult & peds)		M. Gentile
	1200-1300	Lunch			

WEEK #15: (1 Clinical shift this week) <b>Spring Semester begins</b>					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
	1300-1700	<b>LAB 26</b>			
		<u>Stations</u> <b>Individual skill scenarios:</b> Peds medical scenarios (that require DAI) x1 <b>Comp lab scenarios:</b> Normal delivery w/ newborn care X 2   Abn delivery w/ newborn care X 2 Team cardiac arrest mgt-peds X1, i-gel X 1	<u>Goals for: SMC Matrix Criteria:</u> <b>Direct OTI - peds</b> individual skill scenario (2 of 2) <u>Comprehensive lab scenario/skill competencies performed in lab:</u> <b>Normal delivery w/ newborn care:</b> Ind. skill in scenario (3 & 4 of 4) <b>Abn delivery w/ newborn care:</b> Ind. skill (3 & 4 of 4) <b>Medical including cardiac assess:</b> Comp scenario in a lab (+) <b>Obtaining a pt Hx from an A&amp;O pt:</b> Comp scenario in a lab (+) <u>(Via peds arrest):</u> <b>Direct orotracheal intubation-pediatric</b> (1 of 12) <i>Misc: IV med admin (+); IO (+); defibrillation (+)</i>	Lab Team	
1/20/23 Fri	0900-1200	<b>Infectious disease presentations</b>	<b>Student assignment:</b> 10 min oral presentations based on supplied criteria	<b>Skills Application:</b> I-2 Infection Control; sign. exposures   DICOs	Class led
	1200-1300	Lunch			
	1300-1500	Infectious disease presentations cont.			Class led
	1500-1700	<b>Sepsis and Septic Shock (adult &amp; peds)</b>		<b>SOP: Sepsis/septic shock</b>	M Gentile

WEEK #16: (1 Clinical shift this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
1/23/23 Mon	0900-1030	<b>Quiz 10</b>			M. Gentile
	1030-1200	<b>Metabolic disorders</b>			M. Gentile
	1200-1300	Lunch			
	1300-1700	<b>Diabetes (adult &amp; peds)</b>	<b>SOP (adult and peds):</b> Diabetic/Glucose Emerg	<b>Skills &amp; Application</b> Capillary glucose assess Glucagon, D10% IVPB	M. Gentile
1/24/23 Tues	0900-1200	<b>Neuro A&amp;P</b>			C. Mattera
	1200-1300	Lunch			
	1300-1700	<b>Neuro A&amp;P cont. Neuro assessment</b>		<b>Skills &amp; Application:</b> Neurological Assessment	C. Mattera
1/25/23 Wed	0900-1200	<b>Medical neuro disorders (adult &amp; peds)</b>		<b>SOP:</b> Seizures (adult & peds)   AMS adult & peds	M. Gentile
	1200-1300	Lunch			
	1300-1700	<b>Stroke, TIA</b>	<b>SOP:</b> Stroke	<b>Skills &amp; Application:</b> Stroke assess/mgt	C. Mattera
1/26/23 Thurs	0900-1200	<b>GI A&amp;P (+ peds &amp; elderly)</b>			M. Gentile
	1200-1300	Lunch			
	1300-1430	<b>GI Emerg; adult &amp; peds</b>	<b>SOP:</b> Acute Abd./Flank pain	<b>Skills &amp; Application</b> Abdominal assessment	M. Gentile
	1445-1700	<b>GU/Renal - adult &amp; peds</b>	<b>SOP:</b> Dialysis/CKD	<b>Renal assessment</b>	M. Gentile
1/27 or 1/28 Fri / Sat <b>Clinical: ED, OR (not Sun or Sat), OB, PEDS; Psych (#21)</b>					

WEEK #17					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
1/30/23	0900-1040	<b>Quiz 11</b>			M. Gentile



WEEK #17					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
Mon	1040-1200	Hematology		Skills & Application Inf. Blood/blood products	M. Gentile
	1200-1300	Lunch			
	1300-1700	Toxicology & Substance use disorders (adult & peds)	SOPs: Alcohol intoxication/withdrawal Drug OD/Poisoning (adult & peds)	Skills & Application Mgt for toxidromes	M. Gentile
1/31/23 Tue	0900-1200	Toxicology & SUD (Scenarios)			M. Gentile
	1200-1300	Lunch			
	1300-1700	LAB 27			
		Stations Individual skill scenarios: Neonatal Resuscitation X 2 Comp lab scenarios: OHCA:-peds X 2, i-gel X 2 Adult med & neuro scenarios OB/Gyn Team Lead X 1	Goals for: SMC Matrix Criteria: Neonatal Resuscitation: Individual skill in scenario (1 & 2 of 2) Comprehensive lab scenario/skill competencies performed in lab: Medical including neuro assessment: Comp scenario in lab (+) Obtaining a pt Hx from an A&O pt: Comp scenario in a lab (+) OB/Gyn Team Lead (1 of 1) (Via peds arrest & medical scenarios): Direct OTI-pediatric (2 & 3 of 12) Misc: IV med admin (+); IO (+); defibrillation (+)		Lab team
2/1/23 Wed	0900-1000	Peds drug calculation (math test)			M. Gentile
	1000-1200	Clinical Q&A & portfolio progress			Bill T.
	1200-1300	Lunch			
	1300-1700	LAB 28			
		Stations Comp lab scenarios: OHCA -peds X 2 Adult med/neuro scenarios X3 Elderly stroke & sepsis Team Lead Delivery w/ NB resuscitation Team Lead	Goals for: SMC Matrix Criteria: Comprehensive lab scenario/skill competencies performed in lab: Medical including medical assess: Comp scenario in a lab (+) Obtaining a Hx from an A&O pt: Comp scenario in a lab (+) Geriatric Stroke Team Lead (1 of 1) Geriatric Sepsis Team Lead (1 of 1) Delivery w/ NB Resuscitation Team Lead (1 of 1) (Via peds arrest & medical scenarios): Direct OTI-pediatric (4 & 5 of 12) Misc: IV med admin (+); IO (+);defibrillation (+)		Lab Team
2/2/23 Thurs	0900-1300	Mod III (EMS 212) PRACTICAL Exam *Students are assigned in shifts; list will be given in class	Adult medical scenario Peds scenario Peds advanced airway 12 L ECG Cardiac arrest mgt: adult & peds Goals for: SMC Matrix Criteria: Team Lead Adult Cardiac Arrest (1 of 1) Team Lead Peds Resp Distress/ Failure (1 of 1)		M. Gentile Lab Team
	2/3/23 Fri	0900-1200	Mod III (EMS 212) Written Exam and ECG Strip Test		
	1200-1300	Exam Review (LC 3 & 4)			

WEEK #18 (EMS 213) (1 Clinical shift this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
2/6/23 Mon	0900-1200	<b>Kinematics of trauma</b>			M. Gentile
	1200-1300	Lunch			
	1300-1700	<b>Hypovolemic Shock (adult &amp; peds)</b>	<b>SOP: Shock</b>		M. Gentile



WEEK #18 (EMS 213) (1 Clinical shift this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
2/7/23 Tue	0900-1200	Trauma Assessment & general mgt (adults & peds)	SOP: ITC (adult & peds) Trauma Triage   Transport criteria Traumatic arrest Policy: A-2 Aeromedical Transport	<b>Skills &amp; Application:</b> Trauma Assessment/mgt Hemorrhage control Fluid resuscitation	C. Mattera
	1200-1300	Lunch			
	1300-1700	Head Trauma / TBI (adult and peds)	SOP: Head trauma / TBI		C. Mattera
2/8/23 Wed Clinical: ED, OR; OB, PEDS, PSYCH (#22)					
2/9/23 Thurs	0900-1200	Ocular emergencies and trauma	SOP: Eye emergencies	<b>Skills &amp; Application</b> Ocular assessment Contact lens removal Eye irrigation; protective shields; eye patching	C. Mattera
	1200-1300	Lunch			
	1300-1700	Spine & nervous system trauma (adult & peds)	SOP: Spine trauma <b>Assumed knowledge:</b> Atropine; norepi/dopamine	<b>Skills &amp; Application:</b> Spine motion restriction; Protective equip removal	C. Mattera
2/10/23 Fri	0900-1200	Chest trauma (adult & peds)	SOP: Chest Trauma	<b>Skills &amp; Application:</b> Pleural decompression; chest seals; chest tube (monitoring/mgt)	M. Gentile
	1200-1300	Lunch			
	1300-1700	<b>Stations:</b> <b>Individual skill lab:</b> Hemorrhage control X 1 Pleural decompression X 2 Chest seals X 1 Trauma ETI- adult in scenario X 2 <b>Trauma Skill "practice" X1:</b> Splinting; SMR: adult supine with helmet removal; adult seated w/ KED	<b>Goals for: SMC Matrix Criteria:</b> <b>Hemorrhage control</b> individual skill in lab (1 of 1) <b>Trauma ETI – adult:</b> individual skill in scenario (1&2 of 2) <b>Pleural decompression individual skill in lab</b> (1&2 of 2) <b>Peer or faculty eval. (1 of 1) ind. skill in lab for each:</b> <b>SMR: Adult Supine</b> <b>SMR: Adult Seated</b> <b>Joint Splinting</b> <b>Long Bone Pelvic splinting</b> <b>Traction Splint</b>		Lab Team

WEEK #19 (1 Clinical shift this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
2/13/23 Mon	0900-1030	<b>Quiz 12</b>			M. Gentile
	1030-1200	Abdominal & GU Trauma; adult (pregnancy) and peds			M. Gentile
	1200-1300	Lunch			
	1300-1500	Abdominal and GU trauma cont.			M. Gentile
	1500-1700	Radiation emergencies			TBD
2/14/23 Tue	0900-1200	Burns: Thermal adult & peds	SOPs: Burn assessment/ITC   Thermal Burn Center Transport	<b>Skills &amp; Application:</b> Burn wound management	C. Mattera
	1200-1300	Lunch			
	1300-1530	Burns (other MOI)	SOPs: Burns inhalation (CO/cyanide)   Blast   Electrical   Chemical		M. Gentile
	1530 -1700	Death & Dying; Palliative Care	SOPs: Withholding/withdrawing Resuscitation/POLST form Policies: D5 POLST/DNR; M-4 Med Examiner Guidelines		M. Gentile

WEEK #19 (1 Clinical shift this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
2/15/23 Wed <b>Clinical: ED, OR (not Sun or Sat), OB; Peds; Psych (#23)</b>					
2/16/23 Thurs	0900-1100	<b>Facial &amp; ear Trauma</b>			C. Mattera
	1100-1200	<b>Pts w/ Special Challenges</b>	<b>SOP:</b> Extremely obese pt.; Special Healthcare Needs		M. Gentile
	1200-1300	Lunch			
	1300-1430	<b>Pts with tracheotomy or laryngectomy; on &amp; off ventilators</b>	<b>SOP:</b> Pt w/Tracheostomy/laryngectomy	<b>Skills &amp; Application:</b> Tracheostomy suctioning Exchange of trach tubes Bag to stoma ventilations	Mazzolini
	1430-1700	<b>Interpersonal violence</b>	<b>Policies:</b> V-2 Violence/abuse   V-3: Elder Abuse   V-4: Domestic Violence <b>SOP: Adult:</b> Abuse   Neglect   Maltreatment   Trafficking <b>Peds:</b> Suspected Child Abuse/Neglect		J. Dyer
2/17/23 Fri	0900-1200	<b>Musculoskeletal trauma; crush &amp; compartment syndrome; adult and peds</b>	<b>SOP:</b> Musculoskeletal trauma Assumed knowledge: pain drugs	<b>Skills &amp; Application</b> All splinting/bandaging procedures	M. Gentile
	1200-1300	Lunch			
	1300-1700	<b>Lab 30</b>			
		<b>Stations:</b> <b>Individual skill lab:</b> Trauma asses- adult X 2 <b>Individual skill scenarios:</b> Hemorrhage control X 2 Pleural decompression X 2 <b>Trauma Skill "competency":</b> Splinting; SMR (supine/sitting)	<b>Goals for: SMC Matrix Criteria:</b> <b>Trauma assessment- adult</b> individual skill in lab (1 & 2 of 2) <b>Hemorrhage control</b> individual skill in scenario (1 & 2 of 2) <b>Pleural decompression:</b> individual skill in scenario (1 & 2 of 2) <b>SMR Adult Supine</b> individual skill in scenario (1 & 2 of 2) <b>SMR Adult Seated</b> individual skill in scenario (1 & 2 of 2) <b>Joint splinting</b> individual skill in scenario (1 & 2 of 2) <b>Long bone splinting</b> ind. skill in scenario (1 & 2 of 2) <b>Traction splint</b> individual skill in scenario (1 & 2 of 2)		Lab Team

WEEK #20 (2 Clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
2/20/23 Mon	0900-1030	<b>Quiz 13</b>			M. Gentile
	1030-1200	<b>Patients with Autism Spectrum Disorder</b>			TBD
	1200-1300	Lunch			
	1300-1700	<b>Chronic care and technology-assisted patients</b>	<b>Procedure Manual</b> Monitoring NG tubes, indwelling urinary catheter; developmental disabilities	<b>Skills &amp; Application:</b> NG and OG tubes Indwelling urinary catheters G or J tubes Central vein catheters Cerebral shunts	M. Gentile
2/21/23 Tue	0900-1200	<b>Multiple patient incidents</b> <b>Start and JUMPstart Triage   SMART tags</b>	<b>SOP:</b> Multiple patient incidents Active Assailant Incidents <b>Policy:</b> C-3: Crisis Response E-6: Episodic Mass Gathering	<b>Skills Application:</b> Use of START and Jump-Start triage Secondary triage Use of SMART tags	B. Stennett D. Smith, P Dyer,
	1200-1300	Lunch			
	1300-1700	Multiple patient management exercise			Same

WEEK #20 (2 Clinical shifts this week)					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
2/22/23 Wed	0900-1200	<b>LAB 31</b>			
		<b>Stations:</b> <b>Individual skill scenarios:</b> Trauma assess- adult X 2 <b>Comp lab scenarios:</b> Pleural decompression X 2 Trauma scenarios X 2 (Assessment-adult) Pediatric medical scenarios (DAI or needle cric) X 2	<b>Goals for: SMC Matrix Criteria:</b> <b>Trauma assessment (adult):</b> Ind. skill in scenario (1 & 2 of 2) <b>Hemorrhage control</b> individual skill in scenario (1 & 2 of 2) <b>Pleural decompression:</b> Comp scenario in a lab (1 & 2 of 2) <b>Trauma assessment (adult):</b> Comp. scenario in a lab (6 of 6)		Lab team
	1200-1300	Lunch			
		<b>LAB 32</b>			
	1300-1700	<b>Stations:</b> <b>Comp. lab scenarios:</b> Trauma scenarios X 2 (assessment adult) Adult Inline Intubation X 2 Peds medical scenarios (DAI or needle cric) X 2	<b>Goals for: SMC Matrix Criteria:</b> <b>Trauma assessment (adult):</b> Comp scenario in lab (1 & 2 of 6) <b>Peds scenarios (DAI/cric):</b> Comp scenario/skill in lab (8&9 of 12) <b>Trauma OTI inline:</b> 2 ind. skill in comp scenario; (1 & 2 of 2)		Lab team
2/23/23 Thurs		<b>Hospital clinical: ED, OR (not Sun or Sat), OB; Peds; Psych (#24)</b>			
2/24 or 2/25 Fri/Sat		<b>Hospital clinical: ED, OR (not Sun or Sat), OB; Peds; Psych (#25)</b>			

WEEK #21					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
2/27/23 Mon		<b>LAB 33</b>			
	0900-1200	<b>Stations:</b> <b>Comp. lab scenarios:</b> Trauma scenarios X 2 (assessment-adult) Peds medical scenarios (DAI) X 2 Multiple skills/equipment review- individual skills & in scenario	<b>Goals for: SMC Matrix Criteria:</b> <b>Trauma assess - adult</b> comp scenario in lab (3 & 4 of 6) <b>Direct OTI -peds</b> comp scenario/skill in lab (10 & 11 of 12)		Lab Team
	1200-1300	Lunch			
		<b>LAB 34</b>			
	1300-1700	<b>Stations:</b> <b>Comprehensive lab scenarios:</b> Trauma scenarios X 2 (adult) Peds medical scenarios (DAI) X1 Multiple skills/equipment review- individual skills & in scenario	<b>Goals for: SMC Matrix Criteria:</b> <b>Trauma assess- adult</b> comp scenario in a lab (5&6 of 6) <b>Direct OTI-peds</b> comp scenario/skill in a lab (12 of 12)		Lab Team
2/28/23 Tue	0900-1200	<b>Hazardous Materials Incidents</b>	<b>SOP:</b> Haz Mat Incidents Chemical agents   Widespread disease outbreak   Weapons of Mass Destruction	<b>Skills Application:</b> Chem pack requests Duo-Dote kits	TBD
	1200-1300	Lunch			
	1300-1700	<b>Gun Safety</b>			TBD
3-1-23 Wed	0900-1200	<b>Vehicle rescue and rescue awareness operations</b>	<b>Policy:</b> L-2: Safe Ambulance Operation	<b>Skills Application:</b> Emergency moves	M. Gentile
	1200-1300	Lunch			

WEEK #21					
Date	Time	Topic	Pre-class prep	Class Activity	Faculty
		<b>LAB 35</b>			
	1300-1700	<b>Stations:</b> <b>Comp lab scenarios:</b> Trauma scenarios x 2 (trauma assess-adult & peds) Multiple skills- ind. skills in scenario	<b>Goals for: SMC Matrix Criteria:</b> <b>Trauma assessment in comprehensive scenario</b> <b>Adult Trauma Team Lead (1 of 1)</b> <b>Pediatric Trauma Team Lead (1 of 1)</b>		Lab Team
3/2/23 Thurs	0900-1500	<b>Mod IV (EMS 213)</b> <b>PRACTICAL Exam</b>	<b>*Assigned in shifts</b> <b>All Trauma Assessment Scenarios</b>		Lab Team
3/3/23 Fri	0900-1200	<b>Mod IV (EMS 213) Written Exam &amp; ECG Strip Test (Auditorium)</b>			M. Gentile
	1200-1300	Lunch			
	1300-1330	<b>Exam Review (LC 3/4)</b>			M. Gentile
	1330-1530	<b>Orientation to field internship (EMS 215)</b>		<b>Policy: P-1: Preceptor</b>	M. Gentile
	1530-1700	<b>Orientation to Fisdap for the field internship</b>			Jen & Bill

**Prerequisites for release to start the Field Internship (EMS 215):**

- Successful completion of EMS 213
- Outstanding clinical units for EMS 218 scheduled and approved by Bill T.
- All outstanding patient care contacts and skill revolutions required prior to onset of Field Internship done and entered into Fisdap by student and approved by Bill T.
- All class-required simulated runs completed by student, submitted to and approved by NCH staff
- 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 live patient care contacts and skill revolutions that must be completed during the field experiences. If a student is not meeting these requirements by the middle of phase II, notify Bill 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 Experience			
<b>Weeks: 22-33</b> <b>March 4- May 19, 2023</b>	On shift with preceptors (agency-specific hours)	IF ALL PREREQUISITES ARE MET – <b>Eligible to start EMS 215 on March 4, 2023</b> Approval to start will be sent by e-mail to student; PEMSC, and hospital educator directing internship. Process & paperwork are very specific and policies require full compliance for successful completion.	Assigned Provider Agency
<b>EMS 215 and 218 ends (5-19-2023) – See student handbook re: extensions</b>			

<b>*Summer semester begins; EMS 216: Seminar Hours and Finals (Wks 34-38)</b>			
May 25, 26, 30, 31 June 1, 2, 5, 6	0900 - 1700	Agenda for EMS 216 will be issued in late April.	M. Gentile
6/7/23	0900 – 1700	<b>Final Practical exam: *Students are assigned in shifts; list will be given in class</b>	M. Gentile & lab team
6/8/23	0900 - 1300	<b>Final Written exam &amp; ECG strip test (Auditorium)</b>	M. Gentile
6/9, 6/12, 6/13	10 min appts	Student summative evaluations	M. Gentile
6/14/23	1900-2030	<b>Graduation! (Auditorium)</b>	Auditorium
6/16/23	0815 for group 1 1115 for group 2	<b>NREMT Practical Exam Learning Center</b>	NREMT: Lindi Holt (confirmed)