

**CAYUGA COUNTY EMERGENCY MEDICAL SERVICES  
BEMT REFRESHER WITH DEFIBRILLATION**

**CIC:** TERESA BURKE

**COURSE TERM:** 03/04/20 – 05/21/20

**CLASS TIME:** MONDAYS & WEDNESDAYS, 6:30 PM – 9:30 PM

**LOCATION:** CAYUGA CO. OFFICE BLDG., 160 Genesee St., Auburn

**Note: Mandated assignment: Students must complete FEMA ICS 100, ICS 700 and Hazmat IS 5a courses and submit Certificates of Completion to the Course CIC by 05/07/20. Failure to complete this assignment will prohibit the Student from taking the final NYS Practical Exam and the NYS Final Written Exam.**

DATE	SESSION	TOPIC	TOPIC DETAIL	FACULTY
03/04/20	1	<i>Administrative Paperwork Class Overview</i>	Review Student Application/Student Contract  Review Process for Written Challenge Exam & Practical Challenge Exams	T. Burke and Staff
03/07/20 SAT.	2	<i>Challenge Practical Exam /AM Challenge Written Exam/PM</i>	NYS Written & Practical Challenge Exams	T. Burke and Staff
03/09/20 MON.	3	BLS HEALTHCARE PROVIDER CPR	AHA BLS Healthcare Provider: CPR and AED Refresher  Review & Sign Course Contracts	T. Burke and Staff
03/11/20 WED.	4	PREPARATORY I MEDICAL / LEGAL / ETHICAL MEDICAL TERMINOLOGY	Legal & Ethical Issues in EMS, Consent/Refusal of Care, Confidentiality/HIPAA, Advanced Directives/MOLST Prefixes, Suffixes, Root Words, Combining Forms, Anatomical Planes, Abbreviations, Terms & Acronyms	T. Burke and Staff
03/16/20 MON.	5	PREPARATORY II DOCUMENTATION, COMMUNICATION / PCR WRITING AND LIFE SPAN DEVELOPMENT	Communications & Documentation, NYS PCR's, NYS Continuation Forms, NYS Non-Transporting Forms, NYS Patient Refusal Forms, PCR documentation to include – correction of errors, addendums and electronic PCR documentation and therapeutic communication Stages of Development, Anatomy & Physiology, Assessment & Management of each Developmental Age Group, Pediatric and Geriatric Considerations,	T. Burke and Staff
03/18/20 WED.	6	ANATOMY/PHYSIOLOGY AND HUMAN BODY	Directional terms /anatomic positions Review of all body systems, structure & functions	T. Burke and Staff

<b>03/23/20 MON.</b>	7	<b>PATHOPHYSIOLOGY AND SHOCK</b>	Understanding the pathophysiology of shock (hypoperfusion), causes of shock, types of shock, signs/symptoms of shock and treatment of shock	<b>T. Burke and Staff</b>
<b>03/25/20 WED.</b>	8	<b>AIRWAY / AIRWAY MANAGEMENT AND OXYGEN THERAPY</b>	Anatomy & Physiology and Pathophysiology of the Respiratory System, Assessment of Adequate & Inadequate Ventilation, Airway Management, Artificial Ventilation, Oxygen Administration	<b>T. Burke And staff</b>
<b>03/30/20 MON.</b>	9	<b>PT. ASSESSMENT (MEDICAL AND TRAUMA)</b>	Scene Size-up, Primary assessment, History Taking, Secondary assessment, monitoring devices and Re-Assessment, Critical Thinking and Decision Making	<b>T. Burke and Staff</b>
<b>04/01/20 WED.</b>	10	<b>LAB: AIRWAY MANAGEMENT AND OXYGEN THERAPY AND PT. ASSESSMENT (MEDICAL AND TRAUMA)</b>	Airway/O2 – Airway Management, Oral/Nasal Airways, Oxygen Administration (Partial & Non-Rebreather, Nasal Cannula, Venturi Mask, BVM, Mouth-to-Mask with Oxygen, Humidified Oxygen, Suctioning, CPAP, Demand Mask, assisting with ALS airway procedures, oxygen therapy Patient Assessment: Medical & Trauma	<b>T. Burke and Staff</b>
<b>04/06/20 MON.</b>	11	<b>PRINCIPLES OF PHARMACOLOGY</b>	Medication Safety, Drug Names, Drug Actions, Routes of Administration, Dosage, Side Effects, Indications & Contraindications, Review of Medications that an EMT may assist or administer during Patient Care	<b>T. Burke and Staff</b>
<b>04/08/20 WED.</b>	12	<b>MEDICAL EMERGENCY, RESPIRATORY AND CARDIAC</b>	Adequate and inadequate breathing, Dyspnea, Resp. Infectious Disease (Bacterial and Viral), COPD, Emphysema, Asthma, Anaphylaxis, Spontaneous Pneumothorax, Pleural Effusion Airway Obstruction, Pulmonary Embolism, Hyperventilation, Environmental / Industrial Exposure Care and treatment of the Respiratory Patient Acute Coronary syndromes (Angina, MI, CHF, Hypertensive Emergencies, sudden cardiac death)	<b>T. Burke and Staff</b>
<b>04/13/20 MON.</b>	13	<b>MEDICAL EMERGENCIES, NEUROLOGICAL, PSYCHIATRIC, AND BEHAVIORIAL</b>	Headache, Stroke, Seizures, Altered Mental Status Behavioral Crises, Psychosis, Suicide, Delirium and the Potentially Violent Patient	<b>T. Burke and Staff</b>

<b>04/15/20 WED.</b>	14	MEDICAL EMERGENCIES GI / GU / ENDOCRINE AND HEMATOLOGIC	Abdominal pain, Acute Abdomen (Ulcers, Gallstones, Pancreatitis, Appendicitis, GI Hemorrhage, Gastroenteritis) UTI, Kidney stones and Kidney Dialysis Diabetes, Hyperglycemia (Diabetic coma), and Hypoglycemia (Insulin shock) Sickle cell disease, Clotting Disorders, Hemophilia	T. Burke and Staff
<b>04/20/20 MON.</b>	15	SPECIAL POPULATION OB / GYN	Pregnancy, Stages of labor, Complications of pregnancy, Normal Delivery Management, Complicated Delivery Emergencies, Neonatal Assessment and Resuscitation, Postpartum Complications GYN Emergencies	T. Burke and Staff
<b>04/22/20 WED.</b>	16	SPECIAL POPULATION PEDIATRIC EMERGENCIES  <b>**CLASS MIDTERM**</b>	Communication with Patient and Family, Review of Growth and Development, A&P, and Peds. Patient Assessment Assessment and Management of Common Emergencies Child Abuse and Neglect and SIDS	T. Burke and Staff
<b>04/27/20 MON.</b>	17	SPECIAL POPULATION GERIATRICS	Communication with Older Adults, Special Considerations in assessing the Geriatric Patient, and changes in the Body Systems	T. Burke and Staff
<b>04/29/20 WED.</b>	18	TRAUMA EMERGENCIES SOFT TISSUE INJURY / CHEST AND ABDOMINAL INJURIES	Closed and Open Injuries, Burns Pneumothorax (Sucking Chest Wound) Spontaneous Pneumothorax , Tension, Pneumothorax, Hemothorax, Cardiac Tamponade, Rib Fractures, Flail Chest, Traumatic Asphyxia Closed Injuries, Open Injuries (Evisceration), Hollow and Solid Organ Injuries	T. Burke and Staff
<b>05/04/20 MON.</b>	19	TRAUMA EMERGENCIES MUSCULOSKELETAL, HEAD, NECK AND SPINE	Sprain, Strain, Fracture (Closed and Open/ Types of Fracture), Dislocation, Amputations, Various types of Splinting Head Injury, types of Skull Fractures, Increased Intracranial Pressure, Intracranial Hemorrhage, Concussion and Contusion and Injuries to Spinal Column	T. Burke and Staff
<b>05/06/20 WED.</b>	20	LAB: TRAUMA SKILLS	Cervical Collars, Backboard, KED, Helmet Removal, Rigid Splinting, Traction Splinting,	T. Burke and Staff
<b>05/06/20 WED.</b>		<b>CERTIFICATES FOR ICS 100, ICS 700 AND HAZ MAT ARE DUE</b>		T. Burke and Staff

<b>05/11/20 MON.</b>	21	EMS Operations  Incident Management/Multiple Casualty Incidents/Ground Ambulance Operations  Terrorism/WMD Response  HAZMAT Overview Special Rescue/Vehicle Extrication/Air Medical ALS Intercepts	EMS Operations, Incident Command System, Patient Triage, MCI's, Ambulance Operations, Vehicle and Traffic Law, WMD response, HAZMAT Review, Special Situations	<b>T. Burke and Staff</b>
<b>05/13/20 WED.</b>	22	<b>CLASS FINAL</b>  PRACTICE FOR NYS PRACTICAL EXAM		<b>T. Burke and Staff</b>
<b>05/16/20 SAT.</b>	23	<b>PRACTICAL EXAM</b>		<b>T. Burke and Staff</b>
<b>05/18/20 MON.</b>	24	<b>REVIEW &amp; RETESTS</b>		<b>T. Burke and Staff</b>
<b>05/21/20 THURS.</b>	25	<b>NYS WRITTEN EXAM</b>		

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**ASST CIC:**           **SAM GIANNETTINO**

**CLIP'S:**               **STEVE APPLEBEE**

**TEXTBOOK:**   Brady: Emergency Care – 13<sup>th</sup> Edition