CIRVAC
Gill
O&R
EMT

ORIGINAL - RECERT

BASIC EMERGENCY MEDICAL TECHNICIAN COURSE

FALL 2015

CIRVAC 12879 Route 438, Irving, NY 14081

INSTRUCTOR/COORDINATOR: Gregory Gill MEDICAL DIRECTOR: GALE R. BURSTEIN, MD

ESSION	Day	Date	Topic	Hours	Topic Details
			Section 1 -Preparatory		
1	MON	9/7/2015	NYS Paperwork, E.M.T. Class Policies RECERT CHALLENGE WRITTEN EXAM	1:00	NYS Student App., ADA, Learning Contract, Class Policies
			Intro. To Emergency Medical Services,	2:00	EMS Systems, Hx of EMS, Roles/Responsibilities, QA/QI, Patient Safety
			Medical/Legal and Ethical Issues, MOLST/DNR & Confidentialy	1:00	Consent/Refusal of Care, Confidentiality, Advanced Directives, Tort/Criminal Actions, Evidence Preservation, Statutory Responsibilities, Mandatory Reporting, Ethical Principals, Moral Obligations
1A	TUES	9/8/2015	RECERT CHALLENGE PSE Hillcrest Volunteer Fire Company	4:00	
2	MON	9/14/2015	Workforce Safety and Wellness & Bloodborne Pathogens	2:00	Standard Safety Precautions, PPE, Stress Management, Prevention of work related injuries, Disease Transmission, Wellness Principals
			Hazardous Materials Awareness	2:00	Hazard Identification and NRG Book, Secure the Scene, Upwind/Uphill Concept
3	TUES	9/15/2015	The Human Body	2:30	Anatomy, Human System Function, pathophysiology
			Life Span Development	1:30	Human Development as related to assessment and management of patients
4	THUR	9/17/2015	Baseline Vital Signs, S.A.M.P.L.E.	1:30	Pulse Rate, Respiratory Rate, Blood Pressure, Skin Color/Temp., Pupil Reaction, Monitoring Equipment: Pulse Oximetry, Non-Invasive Blood Pressure Monitor
			Lifting and Moving Patients	2:30	Lifting and Moving Patients
5	MON	9/21/2015	Documentation and NYS PCR	3:00	Principles of medical documentation, medical terminology and report writing, NYS PCR

Session	Day	Date	Topic	Hours	Topic Details
			Exam #1 Section 1 Foundations and Review of Exam	1:00	
6	THUR	9/24/2015	BLS Healthcare Provider CPR; Evaluation CPR Practical Skills Exam and Written Exam	4:00	
7	MON	9/28/2015	Continue & Finish CPR Emergency Medical Dispatch & 9-1-1 System	2:00 2:00	Team Communications and dynamics, Therapeutic Communications
8	TUES	9/29/2015	Erie County EMS Communications & the M.E.R.S. System	4:00	Local EMS Communication System, Communication w/ other healthcare professionals,
			Section 2 - Pharmacology		
9	THURS	10/1/2015	Principles of Pharmacology	4:00	Fundamental review of medications an EMT may assist or administer during patient care, medication Safety, Drug Names, Drug Actions, Routes of Administration, Dosage, Side Effects, Indications, Contraindications
10	MON	10/5/2015	Administering & Assisting Paients w/ Meds **Pharmacology Written Exam**	4:00	Epi Pens, Nitro, Aspirin, Oral Glucose, Albuterol, Emergency Inhaler, Glucose Monitoring
			Section 3 - Patient Assessment		
11	TUES	10/6/2015	Scene Size-Up Primary Assessment	2:00 2:00	Impact of Environment on patient care, address hazards, violence, specialized resources, standard precautions and multiple patient situations General impression, Level of Con. (AVPU), ABC's, Identify Life Threats, Assess Vital Functions, Procedures to Preserve Life
12	THURS	10/8/2015	History Taking, History Taking Scenarios Secondary Assessment	2:00 2:00	Determine Chief Complaint/Mechanism of Injury, Past Medical History, Signs/Symptoms, Pertinent Negatives Systems: Respiratory, Cardiac, Neurologic, Musculoskeletal and Anatomical Regions
13	MON	10/12/2015	Practical Lab – Patient Assessment; Primary	4:00	
14	TUES	10/13/2015	Patient Assessment; Practical Skills **Exam #3 Section 3 Assessment & Review of Exam**	3:00 1:00	
			Section 4 - Airway Management		

SESSION	Day	Date	Topic	Hours	Topic Details
15	THURS	10/15/2015	Airway Management Lecture	4:00	Anatomy of Respiratory System, Physiology and Pathophysiology of breathing, Assessment of adequate/inadequate ventilation, Maintaining Airway, Mechanical/Artificial Ventilation, Oxygen administration
16	MON	10/19/2015	Practical Skills Lab – Airway: oral and nasal, oxygen admin.: partial & non-rebreather face mask, nasal cannula ,Venturi mask, BVM, mouth-to-mask w/ oxygen, suctioning, humidified oxygen, CPAP, demand valve	4:00	Review of devices specified in the schedule.
17	TUES	10/20/2015	Practical Lab – Airway Skills	4:00	Practice with devices listed. (***except CPAP)
18	MON	10/26/2015	Airway Management Practical Skills **Exam #2 Airway Section 2 and Review of Exam**	3:00 1:00	Practice with devices listed above.
			Section 5 - Shock & Resuscitation		
19	TUES	10/27/2015	Shock & Hypoperfusion, BLS Resuscitation	4:00	
20	THURS	10/29/2015	Practical Skills Lab – Sections 1,2,3,4, and 5	4:00	
			Section 6 - Medical		
21	MON	11/2/2015	Medical Overview	2:00	Pathophysiology, Assessment and Management of Medical Complaints, Transportation Decision/Mode, Destination Decision
			Respiratory Emergencies	2:00	Pathophysiology of Respiratory Emergencies, Physical Findings, Interventions
22	TUES	11/3/2015	Cardiovascular Emergencies	2:00	Pathophysiology of Cardiovascular Emergencies, Physical Findings, Interventions
			Stroke / Transient Ischemic Attack (TIA)	2:00	Pathophysiology of Stroke Emergencies, Physical Findings, Interventions
23	THURS	11/5/2015	Neurological / Behavioral / Endocrine Emergencies / Seizures / Altered Mental Status / Allergic reaction	4:00	Pathophysiology of the listed Emergencies, Physical Findings, Interventions

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24	MON	11/9/2015	Hematological & Gastrointestinal & Renal Emergencies	2:00	Pathophysiology of the listed Emergencies, Physical Findings, Interventions
			Toxicology & Immunological Emergencies	2:00	Pathophysiology of the listed Emergencies, Physical Findings, Interventions
25	TUES	11/10/2015	Gynecological, Obstetrical & Neonatal Emergencies with Emergency Childbirth Skills Lab	4:00	Pathophysiology, Physical Findings, Interventions for OB/GYN/Childbirth Emergencies, Sexual Assault
26	THURS	11/12/2015	Medical Emergencies Practical Skills	2:00	
			Exam #4 Section 4 Med Emergencies Review Exam	2:00	
			Section 7 - Trauma		
27	MON	11/16/2015	Trauma Overview / Bleeding / Soft Tissue Injuries	2:00	Trauma Score, Rapid Transport/Destination Determination, Bleeding, Bleeding Control
			Abdomen & Genitourinary Trauma / Environmental	2:00	Pathophysiology of injuries to the Abdomen, Genitalia and Environmental Emergencies, Physical Findings, Interventions
28	TUES	11/17/2015	Orthopedic Injuries & Practical Lab	4:00	Pathophysiology of injuries to the upper / lower extremities, Physical Findings, Interventions
29	THURS	11/19/2015	Face & Neck / Chest / Head & Spine Injuries	2:00	Pathophysiology of injuries to the head, face, neck and spine, Physical Findings, Interventions
			Head & Spine Injuries, Head & Spine Practical Lab	2:00	
30	MON	11/23/2015	Practical Skills Lab, Section 7 Trauma	2:00	
			Trauma Emergencies Practical Skills	1:00	
			Exam # 5 Section 5 Trauma and Review of Exam	1:00	
			Section 8 - Special Patient Populations		
31	TUES	11/24/2015	Pediatric / Neonatal / Geriatric Emergencies / Patients with Special Needs / Review OB GYN	3:00	Pathophysiology, Assessment and management of trauma for the pregnant, pediatric, geriatric and cognitively impaired patient
			Exam #6 - Special Populations and Review of Exam	1:00	
			Section 9 - EMS Operations		

SESSION	Day	Date	Topic	Hours	Topic Details
32	Mon	11/30/2015	Incident Management / Multiple Casualty Incidents (MCI) / Ground Ambulance Operation	4:00	Review Integration of Operation (ICS), Triage, Patient Destination during MCI, Ambulance operation, V&T Law
33	TUES	12/1/2015	Terrorism / Vehicle Extrication / HazMat	4:00	WMD Response, Force Protection, Vehicle Extrication, HazMat Review
34	THURS	12/3/2015	Air Medical/Special Rescue Extrication Scenarios Practical Lab **Exam #7 Trauma and Review of Exam**	2:00 1:00 1:00	
			Final Evaluations		
35	MON	12/7/2015	Scenario Review & Testing	2:00	
			Final Written Examination	2:00	
			New York State E.M.S. Evaluations		
36	TUES	12/8/2015	NYS Final Practical Skills Exam – Part I	4:00	
37	THUR	12/10/2015	NYS Final Practical Skills Exam – Part II	4:00	
38	TUES	12/15/2015	Optional – Review / NYS Final Practical Skills Exam	3:00	
39	THUR	12/17/2015	NYS Final Written Certification Examination	3:00	

Additional Requirements: 2 - 5 hour Observation experiences

			ONLINE		Assignment of ICS 100, 700 WMD Awareness (AWR 160 TEEX) *(done online, all three certificates due by 10/2/15)*
			Blue Mandatory for all recerts in addition to required classes		Lab Sessions - check location

Attendance is mandatory for ALL sessions. This is a New York State requirement. There are no exceptions.