ALDEN
GERBER
O-R
EMT

ORIGINAL & Recertification BASIC EMERGENCY MEDICAL TECHNICIAN COURSE

Fall 2015 08/31/2015 - 01/21/2016

Alden Fire Company, 11856 Broadway, Alden, N.Y. 14004

INSTRUCTOR/COORDINATOR: James F. Gerber MEDICAL DIRECTOR: GALE R. BURSTEIN, MD

REQUIRED TEXTS: AAOS "Emergency Care of Sick & Injured" 10th. Edition 6:30PM - 10:30PM

			Online Requirements		**Assignment of ICS 100,700, and WMD Awareness AWR160 (due by 10/21/2015)**
1	Mon	8/31/2015	NYS Paperwork, E.M.T. Class Policies	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	Wed	9/2/2015	Challenge Practical Skills Exam	4:00	NYS Challenge Practical Skills Exam
1B	Wed	9/9/2015	Challenge Practical Skills Exam	4:00	NYS Challenge Practical Skills Exam
2			Workforce Safety and Wellness & Bloodborne Pathogens	2:00	Standard Safety Precautions, PPE, Stress Management, Prevention of work related injuries, Disease Transmission, Wellness Principals
	Wed	9/9/2015	Hazardous Materials Awareness	2:00	Hazard Identification and NRG Book, Secure the Scene, Upwind/Uphill Concept
3			The Human Body	2:30	Anatomy, Human System Function, pathophysiology
	Mon	9/14/2015	Life Span Development	1:30	Human Development as related to assessment and management of patients
4	Wed	9/16/2015	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 Lifting and Moving Patients (cont'd)	1:30 1:00	Lifting and Moving Patients 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
			Evaluation – Preparatory Section	1:00	**Evaluation of Preparatory materials**
6	Wed	9/23/2015	Emergency Medical Dispatch & 9-1-1 System	4:00	Team Communications and dynamics, Therapeutic Communications
7	Mon	9/28/2015	Erie County EMS Communications & the M.E.R.S. System	4:00	Local EMS Communication System, Communication w/ other healthcare professionals,

8	Wed	9/30/2015	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
9	Mon	10/5/2015	Administering Medications & Assisting Patients with Medications, A.L.S. assist, Blood Glucose, etc.	4:00	Epi Pens, Nitro, Aspirin, Oral Glucose, Albuterol, Emergency Inhaler, Glucose Monitoring
10	Wed	10/7/2015	Scene Size-Up	2:00	Impact of Environment on patient care, address hazards, violence, specialized resources, standard precautions and multiple patient situations
			Primary Assessment	2:00	General impression, Level of Con. (AVPU), ABC's, Identify Life Threats, Assess Vital Functions, Procedures to Preserve Life
11	Mon	10/12/2015	History Taking, History Taking Scenarios	2:00	Determine Chief Complaint/Mechanism of Injury, Past Medical History, Signs/Symptoms, Pertinent Negatives
			Secondary Assessment	2:00	Systems: Respiratory, Cardiac, Neurologic, Musculoskeletal and Anatomical Regions
12	Wed	10/14/2015	Practical Lab – Patient Assessment; Primary	4:00	
13	Mon	10/19/2015	***Evaluations*** – Patient Assessment, Practical Skills	3:00	
			Patient Assessment, Written	1:00	
14	Wed	10/21/2015	Airway Management Lecture	4:00	Anatomy of Respiratory System, Physiology and Pathophysiology o breathing, Assessment of adequate/inadequate ventilation, Maintaining Airway, Mechanical/Artificial Ventilation, Oxygen administration
15	Mon	10/26/2015	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.
16	Wed	10/28/2015	Practical Lab – Airway Skills	4:00	Practice with devices listed. (***except CPAP)
17	Mon	11/2/2015	***Evaluations*** – Airway Management Practical Skills	3:00	Practice with devices listed above.
			Airway Management, Written	1:00	

18	Wed	11/4/2015	BLS Healthcare Provider CPR; Evaluation CPR Practical Skills Exam and Written Exam	5:00	
19	Mon	11/9/2015	Shock & Hypoperfusion, BLS Resuscitation	4:00	
20	Wed	11/11/2015	Practical Skills Lab – Sections 1,2,3,4, and 5	4:00	
21	Mon	11/16/2015	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	Wed	11/18/2015	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	Mon	11/23/2015	Neurological / Behavioral / Endocrine Emergencies / Seizures / Altered Mental Status / Allergic reaction	4:00	Pathophysiology of the listed Emergencies, Physical Findings, Interventions
24	Mon	11/30/2015	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	Wed	12/2/2015	Gynecological, Obstetrical & Neonatal Emergencies with Emergency Childbirth Skills Lab	4:00	Pathophysiology, Physical Findings, Interventions for OB/GYN/Childbirth Emergencies, Sexual Assault
26	Mon	12/7/2015	***Evaluation*** – Medical Emergencies Practical Skills Sect. 6	2:00	
			Medical Emergencies Written Evaluation	2:00	
27	Wed	12/9/2015	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	Mon	12/14/2015	Orthopedic Injuries & Practical Lab	4:00	Pathophysiology of injuries to the upper / lower extremities, Physical Findings, Interventions
29	Wed	12/16/2015	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	
			Practical Skills Lab, Section 7 Trauma	2:00	

30	Mon	12/21/2015	Trauma Emergencies Practical Skills Trauma Emergencies Written Evaluation	1:00 1:00	
31	Wed	12/23/2015	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
			Evaluation – Special Populations Practical Skills / Special Population Written Evaluation	1:30	
32	Mon	12/28/2015	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	Wed	12/30/2015	Terrorism / Vehicle Extrication / HazMat	4:00	WMD Response, Force Protection, Vehicle Extrication, HazMat Review
34	Mon	1/4/2016	Air Medical/Special Rescue Extrication Scenarios Practical Lab ***Evaluation*** – EMS Operations Practical Scenarios / EMS Operations Written Evaluation	2:00 1:00 1:00	
35	Wed	1/6/2016	Scenario Review & Testing Final Written Examination	2:30 2:00	
36	Mon	1/11/2016	NYS Final Practical Skills Exam – Part I	4:00	
37	Wed	1/13/2016		4:00	
38	Mon	1/18/2016	Optional – Review / NYS Final Practical Skills Exam	4:00	
39	THURS	1/21/2016	NYS Final Written Certification Examination	3:00	

Additional Requirements: 2 - 5 hour Observation experiences

Attendance is mandatory for ALL sessions for Originals. This is a New York State requirement. There are no exceptions. Highlighted Dates in yellow are mandatory Attendance for Recerts.

Text AAOS "Emergency Care of the Sick and Injured" 10th. Edition