

EMS 301 - EMT CURRICULUM

Lesson	Topic	Content
1	Section #1	Welcome and Orientation
		MATC/EMS Orientation & Policies
		Student Packet 10th Edition AAOS
4 hours		
2	AHA - CPR Basic Life Support Certification for Health Care Providers Part 1	AHA - CPR
		A. Management
		1. COMPRESSIONS
		2. AIRWAY
		3. BREATHING
		B. Adult FBAO
		C. Adult CPR 1 & 2 Person
D. Adult CPR & AED		
Skills Sheets - AHA		
4 hours		CPR Text - Chapters 1 -10 (AAOS Chapter 11)
3	AHA - CPR Basic Life Support Certification for Health Care Providers Part 2	AHA - CPR
		A. Child and Infant FBAO
		B. Child and Infant CPR
		CPR Healthcare Professional Written Examination
		Skills Sheets - AHA
4 hours		CPR Text - Chapters 1 -10
4	Section #1 ON LINE CLASS	Preparatory
		EMS Systems Chapter 1
		Workforce Safety and Wellness Chapter 2
		The Human Body Chapter 5
		Lifting and Moving Patients Chapter 35
		Reading Assignment: Chapters 1, 2, 5, 35
4 hours		Workbook: Chapters 1, 2, 5, 35
5	Section #1	Preparatory
		Medical, Legal and Ethical Issues Chapter 3
		Lifting and Moving Patients Demonstration / Practice
		Reading Assignment: Chapter 3
		Workbook: Chapter 3
4 hours		WI STANDARDS & PROCEDURES Manual Section 2
6	Section #1	Preparatory
		Section 1 Written Exam
		Section 1 Practical Exam - Lifting / Moving
		Reading Assignments covered: 1, 2, 3, 5, 35
4 hours		WI S&P Manual Section 2-1 to 2-5

EMS 301 - EMT CURRICULUM

7	Section 2	PATIENT ASSESSMENT
	ON LINE CLASS	Communication and Documentation Chapter 4
		Life Span Development Chapter 6
		Shock Chapter 10
		Reading Assignment: 4, 6, 10
	4 hours	Workbook: Chapters 4, 6, 10
8	Section 2	PATIENT ASSESSMENT
		Baseline Vital Signs, SAMPLE History Lecture
		Pulse Oximetry Lecture
		Practical Lab
		Reading Assignment:
		Ch 8: Vitals 264-274. BP 296-301, Pulse Ox 289-290
		Ch 8: SAMPLE/OPQRST 281-282
	4 hours	WI S&P Manual Section 1-1 to 1-2
9	Section 2	PATIENT ASSESSMENT
		Shock Chapter 10
		Patient Assessment Lecture Chapter 8
		Trauma: Primary and Secondary Assessment
		Focused Trauma Assessment
		Trauma Assessment Practical Lab
		Reading Assignment: Chapter 8, 10
		WI S&P Manual Section 4-1 to 4-6
	4 hours	Workbook: Chapters 8, 10
10	Section 2	PATIENT ASSESSMENT
		Patient Assessment continued
		Medical: Primary and Secondary Assessment
		Focused Medical Assessment
		Medical Assessment Practical Lab
		Reading Assignment: Chapter 8
	4 hours	WI S&P Manual Section 4-1 to 4-6
11	Section 2	PATIENT ASSESSMENT
		Practical Session - Trauma and Medical Assessment
	4 hours	
12	Section 2	PATIENT ASSESSMENT
		Section 2 Written Exam
		Section 2 Practical Exam - Trauma and Medical Assessment
		Reading Assignments covered: Chapters 4, 6, 8, 10
		WI S&P Manual Section 1-1 to 1-2
	4 hours	WI S&P Manual Section 4-1 to 4-6

EMS 301 - EMT CURRICULUM

13	Section 3	AIRWAY MANAGEMENT
		Airway Management Chapter 9
		Airway Adjuncts Lecture / demo
	4 hours	WI S&P Manual Section 3-1 to 3-4 & 3-10 to 3-13
14	Section 3	AIRWAY MANAGEMENT
		Advanced Airway and Airway Adjuncts Practical Lab
		King Tube Lecture / demo
		Combitube Lecture / demo
		Reading Assignment Chapter 9; Chapter 40 pages 1466-1477
		WI S&P Manual Section 3-1 to 3-8 & 3-10 to 3-14
		WI S&P Manual Section 3-4 to 3-9
	4 hours	Handouts Student Packet
15	Section 3	AIRWAY MANAGEMENT
		Airway & Advanced Airway Practical Lab
	4 hours	
16	Section 3	AIRWAY MANAGEMENT
		Section 3 - Written Exam
		Section 3 - Practical Evaluation - Airway Management
		Reading Assignments Covered:
		Chapter 9; Chapter 40 pages 1466-1477
	4 hours	WI S&P Manual Section 3

EMS 301 - EMT CURRICULUM

17	Section 4	Medical Emergencies
		Principles of Pharmacology Chapter 7
		Medical Overview Chapter 12
		Toxicology Chapter 19
		Psychiatric Emergencies Chapter 20
		Reading Assignments: 7, 12, 19, 20
	4 hours	Workbook Chapters 7, 12, 19, 20
18	Section 4	MEDICAL EMERGENCIES Part 1
		Respiratory Emergencies Lecture Chapter 13
		Nebulizer / Albuteral Protocol
		Reading Assignment: Chapter 13
	4 hours	Workbook Chapter 13
		WI S&P Manual Section 6-1 to 6-4
19	Section 4	MEDICAL EMERGENCIES Part 1
		Cardiac Emergencies Lecture Chapter 14
		CPAP Lecture Chapter 9 (pgs 361-364)
		Aspirin / Nitro Protocol
		Reading Assignment: Chapter 14, Chapter 9 (pgs 361-364)
		Workbook Chapters Relative to Above Reading Assignment
	4 hours	WI S&P Manual Section 6-10 to 6-11
20	Section 4	MEDICAL EMERGENCIES Part 1
		Medical Labs - Respiratory and Cardiac
	4 hours	
21	Section 4	MEDICAL EMERGENCIES Part 1
		Section 4 - Written Exam
		Section 4 - Practical Evaluation - Respiratory and Cardiac
		Reading Assignments Covered: Chapters 7, 12, 19, 20 13, 14, 9 (pg 361-364)
	4 hours	WI S&P Manual Section 6

EMS 301 - EMT CURRICULUM

22	Section 5	MEDICAL EMERGENCIES Part 2
	ON LINE CLASS	Gastrointestinal and Urologic Emergencies Chapter 16
		Gynecologic Emergencies Chapter 21
		Reading Assignment: Chapters 16, 21
		Workbook Chapters 16, 21
23	Section 5	MEDICAL EMERGENCIES Part 2
		Endocrine and Hematologic Emergencies Lecture Chapter 17
		Neurological Emergencies Lecture C15
		Practical Lab Diabetic / Glucometers and Glucagon
		Reading Assignment: Chapters 15, 17
		WI S&P Manual Section 1-3; 6-5 to 6-10
	4 hours	Workbook Chapters 15, 17
24	Section 5	MEDICAL EMERGENCIES Part 2
		Immunologic Emergencies Lecture Chapter 18
		Practical Lab / Epinephrine
		Reading Assignment: Chapter 18
		Workbook Chapter 18
	4 hours	WI S&P Manual Section 6
25	Section 5	MEDICAL EMERGENCIES Part 2
		Obstetrics and Neonatal Care Chapter 31
		Environmental Emergencies Lecture Chapter 30
		Reading Assignment: Chapter 30, 31
	4 hours	Workbook Chapter 30, 31
26	Section 5	MEDICAL EMERGENCIES Part 2
		Medical Labs - Diabetic (glucometer and glucagon)
		Medical Labs - Anaphylaxis (Epinephrine)
	4 hours	WI S&P Manual Section 1-3; 6
27	Section 5	MEDICAL EMERGENCIES Part 2
		Section 5 - Written Exam
		Section 5 - Practical Evaluation - Glucometer, Glucagon, Epinephrine
		Reading Assignments Covered: Chapter 15, 16, 17, 18, 21, 30, 31
	4 hours	WI S&P Manual Section 1-3; 6

EMS 301 - EMT CURRICULUM

28	Section 6	TRAUMA
	ON LINE CLASS	Trauma Overview Chapter 22
		Bleeding Chapter 23
		Abdominal and Genitourinary Injuries Chapter 28
		Reading Assignment: Chapters 22, 23, 28
	4 hours	Workbook: Chapters 22, 23, 28
29	Section 6	TRAUMA
		Soft Tissue Injuries lecture Chapter 24
		Face and Neck Injuries Chapter 25
		Soft Tissue Injuries Demo S&P
		Reading Assignment Chapter 24, 25
	4 hours	WI S&P Manual Section 7-1 to 7-9
30	Section 6	TRAUMA
		Chest Injuries Lecture Chapter 27
		Chest and Abdominal Injuries - Practical demo/practice
		Reading Assignment: Chapter 27
	4 hours	WI S&P Manual Section 8-1 to 8-3
31	Section 6	TRAUMA
		Demonstration and Practice of Trauma Skills
		Reading Assignment: Chapter 27
	4 hours	WI S&P Manual Section 8-1 to 8-3
32	Section 6	TRAUMA
		Orthopedic Injuries Lecture C29
		Upper extremities demo/practice
		Reading Assignment: Chapter 29
	4 hours	WI S&P Manual Section 9-1 to 9-7
33	Section 6	TRAUMA
		Orthopedic Injuries - Lower Extremities Demo/Practice
		Reading Assignment: Chapter 29
	4 hours	WI S&P Manual Section 9-1 to 9-9
34	Section 6	TRAUMA
		Head and Spine Injuries Lecture Chapter 26
		Spinal immobilization Demo/Practice Supine, Prone
		Reading Assignment: Chapter 26
	4 hours	WI S&P Manual Section 10-1 to 10-10
35	Section 6	TRAUMA
		Spinal immobilization Demo/Practice KED, Standing longboard
		Trauma Practical Lab - chest/abd; ortho, spine injuries
		Review Reading Assignments:
		WI S&P Manual Section 8-1 to 8-3
		WI S&P Manual Section 9-1 to 9-9
	4 hours	WI S&P Manual Section 10-1 to 10-10
36	Section 6	TRAUMA
		Section 6 Written
		Section 6 Practical
		Reading Assignments Covered: Chapter 22, 23, 24, 25, 26, 27, 28, 29
	4 hours	WI S&P Manual Section 8, 9, 10

EMS 301 - EMT CURRICULUM

37	Section 7	EMS Operations
	ON LINE CLASS	Transport Operations Chapter 36
		Vehicle Extrication and Special Rescue Chapter 37
		Incident Management Chapter 38
		Terrorism Response and Disaster Management Chapter 39
		Reading Assignment: Chapter 36, 37, 38, 39
		Workbook: Chapter 36, 37, 38, 39
	4 hours	Student Packet
38	Section 7	SPECIAL PATIENT POPULATIONS
		Pediatrics Emergencies Lecture Chapter 32
		Geriatric Emergencies Lecture Chapter 33
		Patients with Special Challenges Lecture Chapter 34
		Reading Assignment: Chapters 32, 33, 34
		WB Chapters Relative to Above Reading Assignment
	4 hours	WI S&P Manual Section 4-1 to 4-7
39		FINAL EVALUATIONS and NREMT PREPARATION
		Final Written Evaluation
	4 hours	Cumulative all sections. 30% will be from Section 7
40		FINAL EVALUATIONS and NREMT PREPARATION
		Prep/Final Practical Evaluation NREMT A, B, C
	4 hours	<i>PAYMENT FOR NREMT PRACTICAL TEST DUE</i>
41		FINAL EVALUATIONS and NREMT PREPARATION
		Prep/Final Practical Evaluation NREMT D, E, F
	4 hours	
42		FINAL EVALUATIONS and NREMT PREPARATION
		NREMT Paper Work
		Practical Review
	4 hours	
43	Clinical Lesson - 4 hours	
44	Clinical Lesson - 4 hours	
45	Clinical Lesson - 4 hours	
5/1/2013		