

Marking Period/Unit/Topic	Competencies/Agency	Standardized Test Areas
First Nine Weeks	Semester 1	
pre-requisites for EMT	12VAC5-31	
NIMS-100,200,700 & 800	FEMA-pre-requisite	FEMA
Basic life Support (pre-requisite)	BLS for Health Care Providers EMS100	American Heart Assoc- iation
Blood Borne Pathogens		American Safty & Health Institute
Professional Development	OEMS	OEMS State Exam NREMT exam
	VDOE 8333 &8334	
Prepatory Unit	Nat.Ems Standard competencies	
Introduction to EMS	1-1.1 to 1-1.13 VERSO 36 & 37	
Well-being of the EMT	1-2.1 to 1-2.19 Verso 38 & 43	
Medicolegal & Ethical	1-3.1 to 1-3.16 Verso 39 & 42	
Baseline Vital Signs and SAMPLE history	1-5.1 to 1-5.37 verso 42	
Anatomy & Physiology	1-4.1 to 1-4.2	
Life Span Development		

Lifting & moving Patients	9.35.1-16	
	3.1-3.28	
2nd Nine Weeks		
	1.4-1.15	
	EMS 111&120	
	4-1.1 to 4-1.41	OEMS state exam
Airway		
	5.1 to 5-8.11	
Assessment & Communi- cations		
Trauma Unit- Kinematics		
	7-1.1 to 7-1.17	
		OEMS state exam
Shock		
Bleeding		
	7-2.1 to 7-2.41	
Soft Tissue Injuries		

		OEMS state exam
	7.31-13	
Eye Injuries		
	Semester 2	
	7.41-16	
Face & Throat		
	7.51-18	
Chest injuries		
	7.9.1 -22	
Musculoskeletal Care		
		OEMS state exam
	7.3.1-20	
Environmental		
	2.2 - 13	OEMS state exam
3rd Nine Weeks		
Medical overview		
	6.1-	
Respiratory		
	6.13.1-12	

Cardiovascular	6.14.1-32	
Neurological	6.15.1-22	
GI/GU	6.16.1-12	
Endocrine	6.17.1-16	
Immunologic	6.18.1-10	
Toxicology	6.19.1-11	
Psychologic	6.20.1-15	
OB/GYN	8.31.1-17	
	6.21.1-8	
Pediatric	8.32.1-30	

Geriatric	8.33.1-15	
Operations	9.36.1-16	
	9.37.1-11	
NIMS	9.38.1-16	FEMA 100, 200
		700 & 800 pre req

Supporting Equipment/Technology
Pre-requisite
on-line info & Test
AHA books, DVD, adult, child, infant manikins,
bag-valve masks, pocket masks, AED trainers
face shields, germicide, cotton balls
flash drive, resume format, Cont. Education reports
article reviews, first aid, safety & diversity in the
workplace, Health Care careers/ ethics
Workplace readiness skills, EMS Work culture
students are responsible to read the textbook
Navigate Companion software for students
Preparatory Unit
history of EMS , power point,VHS, trends, projection
requirements for EMS
PPE - gloves, face shields, masks, hepa, blood
clean up kit, hand washing, Elmo projector
Work place safety , death & dying, Stress
power point, over head, VHS-adult abuse &
mandatory reporting medical legal & ethical&V/S
gloves, watches, b/p cuffs, stethoscope, pen lights
tempa-dots, germicide, alcohol, cotton balls
mandatory reporting
Antomy & Physiology
Elmoprojector, charts, skeleton, A&P handout
body torso, Deer's heart & Lungs
Normal human life span
power point, DVD, family tree with focus on medical history
Operations, Transport, packaging

VHS- lifting & moving, backbord, 1 & 2 man stretchers
stair chair, scoop stretcher, short board, basket
Stretcher, reeves sleeve, 65 lb manikin, 200lb manikin
stryker stretcher, stryker stair chair
Patient Assessment, primary, secondary,
history taking, secondary -
gloves, watches, b/p cuffs, stethoscope, pen lights
Communications - written and verbal
powerpoint, radio's state PPCR forms
Airway, adjuncts, suction , O2
airway manikins, portable suction electric, portable
suction manual, pocket masks, bag-valve masks,
demand valve, oxygen, regulator, orophyngeal,
nasopharyngeal, nonbreathing masks, suction
catheters, nasal cannula's, pulse ox, BVM masks
Shock and Resuscitation
Oxygen kits(above), pen lights, B\p cuffs,
stethoscopes., Patient Care Run Reports, Radio's
patient scenario's
Trauma Unit
Kinematics
VHS-explosives, ballistics, Newton's laws
power point, Elmo camera
Bleeding control
moulage kit, mast/pasg, overhead, power point
tourniques
power point, bleeding arm, injuries
Soft tissue wounds
moulage kit, Oxygen kit, V/S kit, dressings,
occlusive, foil, 4x4, 3x4,2x4, roller gauze, ABD pads
air splints, MAST, tape various types, burn packs
chemical burn kit, saline, sterile gloves, unsterile

gloves, stretcher, back board, straps - spiders & 9'
Shock and Resuscitation Types and treatment
pen lights, V/S kit, O2 Kit, slide projector, power
point, saline, nasal cannula, sterile applicators
eye patch, roller gauze, contact lenses, remover
Face & Neck Injuries
O2 kit, V\S kit , moulage, impaled objects, dressing
suction portable & electric, save - a- tooth sol,
sand bags, Elmo, power point,airway
manikin
Chest injuries/ Abdominal and GU
moulage kit, V/S kit, O2 Kit, impaled objects
occlusive dressings, sand bags, dressing supplies
backboard, straps-spiders & 9', slide, Elmo
dressings, VHS- airbags, dressing supplies
Orthopedic Injuries
Moulage kit, O2 kit, B\p cuffs, stethoscopes, pen
lights, Backboard, air splint, ladder splints, padded
board, pro, vacuum splints, roller gauze, cravats,
reeves sleeve, traction - hare, sager and Thomas,
ankle hitches, sand bags, MAST, dressing supplies
skeleton, Elmo, power point, slide,
Environmental Injuries
backboards, reeves, chemical hot and coid packs
snake bite kits, snake charts, stokes basket
Pharmacology , basic math review, legal
powerpoint, inhalers, activated charcoal, epi pens,
nitro, O2, glucose, Patient assisted Meds
Medical unit overview
Powerpoint, V/S skills , Assessment & documentation
Respiratory Emergencies - powerpoint, lung
assessment, tx inhalers, nebulizers, O2

gloves, watches, b/p cuffs, stethoscope, pen lights
Cardiovascular Emergencies , powerpoint,
deer hearts, EKG's assessment, meds
gloves, watches, b/p cuffs, stethoscope, pen lights
Neurological emergencies , powerpoint
stroke assessment, management of seizures
and altered mental status...TDO's restraints
Gastrointestinal and Urologic emergencies
assessment, watch, b/p cuffs stethoscope,
pen light, treatment
Endocrine and Hematologic , powerpoint
assessment,glucose monitoring, administration
of glucose. (glucometers , lancets)
Immunologic emergencies , powerpoint
assessment, Epi auto injectors, twin ject
Auvi-Q trainers
Toxicology - powerpoint, Elmo, tongue depressors
assessment, decontamination procedures,
Insta-char, Actidose, Activated Charcoal, Narcan,
Hazmat situations, decontamination
Mark 1 kits and DuoDote
Psychiatric Emergencies , power point, VHS
assessment, law enforcement assistance
suicide response, managemnt of Violent pt
Special Populations Unit
Obstetrics & Neonatal Care , powerpoint,
VHS-delivery procedures, OB kits, OB manikin
O2, neonatal supplies, steril gloves, suction,
cord clams,
GYNecologic emergencies - powerpoint
rape kits, assessment and management of
crime scenes, assessment of bleeding
Pediatric Emergencies , powerpoint, ped

specific equipment, how to modify equipment
for Peds Pt's O2, V/S, suction Tracheostomy
backboards, c-collars, med dose, death and
coping with stress, padded board splints,
bandaging, injury pattern differences
Geriatric Emergencies - powerpoint, VHS
mandatory reporting, elder law, modification
of equipment for life changes, assessment,
V/S, scoop stretcher, splints, pillows,
Transportation Operations , Vehicle design
phases, ambulance checks, parking, LZ,
defensive driving EVOG, positioning
speed, size, distance, laws & regulations
ambulance, VA driver license
Vehicle Extrication - powerpoint, VHS,
hazard control,access, removal of pt, extrication
tools, glass master, seatbelt cutter, simple
hand tools window punch, airbags,
Incident Management - incident table top
mass cas manikins, triage tools, IC board,
powerpoint, VHS Start Triage.