



Gloucester Volunteer Fire & Rescue Squad Emergency Medical Technician Course – 2019

Course Syllabus - DRAFT

Instructor Information:

Coordinator: Seth Craig, NRP seth.craig@gvfrs.org
Instructors: David Ezzell, NRP drumsnxs@cox.net
Stacey Williams, AEMT swilliams@gvfrs.org
Lewis Kerns, EMT-I lewis.kerns@gvfrs.org

Course Dates and Location

Start Date: January 8th, 2019
End Date: June 1st, 2019
Location: GVFRS Station 1, 2nd floor Meeting Room.
Practical exercises may be held at GVFRS Stations 4 and 6

GVFRS Station 1 6595 Main Street Gloucester, VA 23061 804-693-2148	GVFRS Station 4 7598 Dutton Road Gloucester, VA 23061 804-693-3674	GVFRS Station 6 7070 Ark Road Gloucester, VA 23061 804-693-0724
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Course Description:

Emergency Medical Technicians (EMTs), the most common level of prehospital care in the PEMS region, are the backbone of Virginia's EMS system. EMT providers are

trained to assess a patient's medical or trauma conditions and to immobilize fractures. They are also trained to deliver babies, treat shock and various illnesses, treat minor cardiac problems, and utilize the specialized medical equipment carried on modern ambulances.

As part of the GVFRS EMT program, students will complete at least 180 hours of classroom training (both didactic and practical) and complete at least 10 patient assessments during ride-a-longs with our duty squads. Students who successfully complete the program will be permitted to take the Virginia psychomotor exam and the National Registry cognitive exam necessary to become certified.

Prerequisites:

To be eligible to become an EMT, the State of Virginia requires that you:

- Be proficient in reading, writing and speaking the English language.
- Be a minimum of 16 years of age at the beginning date of the EMT course. If you are less than 18 years of age, you must provide your instructor with a completed parental permission form with the signature of a parent or guardian verifying approval for enrollment in the course.
- Have no physical or mental impairment that would render you unable to perform all practical skills required at the EMT level.
- Hold current certification in an Office of Emergency Medical Services approved cardiopulmonary resuscitation (CPR) course at the beginning date of the EMT course. This certification must also be current at the time of state testing.
- Not have been convicted of or found guilty of any crime, offense or regulatory violation, or participated in any other prohibited conduct identified in state EMS regulation 12VAC5-31-910.
- Be clean and neat in appearance.
- May not be under the influence of any drugs or intoxicating substances that impairs your ability to provide patient care or operate a motor vehicle while in class or performing clinicals, while on duty or when responding or assisting in the care of a patient.

In addition, GVFRS requires that you:

- Complete a designated CPR class just prior to the start of the EMT course (even if you are already CPR certified)

Textbook & Course Materials:

- Emergency Care in Streets, 11th Edition
- JB Learning LMS
- An analog watch with a second hand (no digital or smart watches)

Attendance Policy:

In accordance with Virginia Department of Health Regulations, students **MUST** attend at least 85% of scheduled classes. A class is defined as a three-hour session consisting of didactic or practical exercises. Based on this, weeknight classes count as one class, and Saturday classes count as two classes (morning session and afternoon session).

The 2019 EMT course has 57 scheduled class periods. Students missing more than 8 class periods will automatically fail the course and will not receive a letter authorizing them to test.

In addition, attendance at the following classes is required in order to pass the program. Students not attending all of the following will not receive a letter to test:

- Sat, Jan 5, 2019 – CPR and Orientation
- Tue, Jan 8, 2019 – Course Introduction and First Night Paperwork
- Sat, May 4, 2019 AM - Vehicle Extrication practical
- Sat, May 4, 2019 PM - Vehicle Extrication practical

If you are not able to attend a class, please let the instructors know in advance, if possible. It will be the student's responsibility to make up any work missed when absent. All assignments that were due at the start of a class that is missed will still be due at the start of that class.

Clinical and Field Experience:

Each student is required to document a minimum of 10 patient assessments in a field/clinical environment. Each student is also required to participate in field experience approved by the medical director and program director.

To accomplish the patient assessments and field experience requirements, each student will be assigned ride-a-long times with GVFRS duty crews that include a qualified preceptor.

During ride-a-longs, students are expected to:

- Arrive on time and ready to assist
- Dress appropriately, including closed toed shoes, and long pants
- Follow the instructions of the preceptor
- Participate, as appropriate and instructed, in patient assessment and care
- Assist the duty crew with normal duties such as checking off the trucks, restocking and cleaning up after a call, and maintaining the station.
- Document the patient contact and skills performed. It is the student's responsibility to fully complete the documentation for each patient contact in order to receive credit. Incomplete documentation will not be accepted for credit.

Certain situations may occur where, for your safety and protection, the preceptor may ask that you remain with the medic unit and not take part on the scene. Please follow the instructions of the preceptor for your safety and wellbeing.

Grading Policy:

Student performance will be measured through homework assignments, quizzes, and written tests, as well as practical evaluations. Students must successfully pass both the didactic and psychomotor exams in order to receive a Letter to Test.

Written assignments will be graded in the following categories and averaged to determine an overall grade. **The minimum passing score for written assignments is 75%.**

Homework	20%
Quizzes	20%
Test 1	15%
Test 2	15%
Test 3	15%
Final Exam	15%

Practical evaluations will be graded on a Pass/Fail basis using the Virginia OEMS psychomotor evaluation forms. Students must pass each skill station to complete the course.

Homework Policy:

Homework will be assigned for each chapter covered in the textbook as well as other special assignments.

For chapter-based homework, the homework assignment is due before the class that is scheduled to cover the chapter. For example, if both chapters 3 and 4 are scheduled to be taught on the same evening, then both chapter homework assignments will be due before that class starts.

From time to time, homework may be assigned outside of the textbook. These assignments will be due before the start of class on the due date.

Successfully Completing the Course

Upon successful completion of this course, students will receive a "Letter to Test". The Letter will become available in their Virginia OEMS portal after the final day of class. This letter is required to take the psychomotor examinations and NREMT Cognitive exam.

To receive a Letter to Test, students must meet all of the following requirements:

1. Attend at least 85% of classes
2. Attend all mandatory classes
3. Obtain a final written grade of 75% or higher
4. Pass all skill stations during the Final Practical Exam
5. Complete at least 10 patient contacts during field/clinical experience

Schedule:

A detailed course schedule follows:



Gloucester Volunteer Fire & Rescue Squad

Emergency Medical Technician Course – 2019

Tuesdays & Thursdays 7:00 PM – 10:00 PM
Saturdays 9:00 AM – 5:00 PM

Coordinator:	Seth Craig, NRP	(804) 832-6337	seth.craig@gvfrs.org
Instructors:	David Ezzell, NRP	(757) 777-5624	drumsnxs@cox.net
	Stacey Williams, AEMT	(757) 871-0668	swilliams@gvfrs.org
	Lewis Kerns, EMT-I	(804) 815-3813	lewis.kerns@gvfrs.org

Classes shown in red are mandatory and cannot be made up.

Wk	#	Date	Ch	Topic	Hrs	Area	Instructor
		Sat, Jan 5		CPR and Course Orientation (mandatory)			
1	1	Tue, Jan 8		Course Introduction (mandatory)	3		All
	2	Thu, Jan 10	1 2	EMS Systems Workforce Safety and Wellness	1 2	LCCR 15	Kerns
2	3	Tue, Jan 15	3 4	Medical, Legal and Ethical Issues Communications and Documentation	2 1	15 LCCR	Ezell
	4	Thu, Jan 17	5	Medical Terminology	3	LCCR	Williams
	5	Sat, Jan 19 AM	6	Human Body Pt 1	3	LCCR	Craig
	6	Sat, Jan 19 PM	6	Human Body Pt 2	3	LCCR	Craig
3	7	Tue, Jan 22	7	Lifespan Development	3	LCCR	Ezell
	8	Thu, Jan 24	37 8	Transport Operations Lifting and Moving	1 2	LCCR LCCR	Williams

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Wk	#	Date	Ch	Topic	Hrs	Area	Instructor
4	9	Tue, Jan 29	9	Patient Assessment (part 1)	3	LCCR	Kerns
	10	Thu, Jan 31	9	Patient Assessment (part 2)	3	LCCR	Williams
5	11	Tue, Feb 5	10	Airway Management	3	11	Ezell
	12	Thu, Feb 7		Airway Skills	3	11	Ezell, Craig
	13	Sat, Feb 9 AM		Lifting and Moving Skills	3	LCCR	Williams, Kerns
	14	Sat, Feb 9 PM		Patient Assessments/Vital Signs	3	14	Williams, Kerns
6	15	Tue, Feb 12	11	Pharmacology	3	14	Kerns
	16	Thu, Feb 14		Patient Assessments/Vital Signs	3	14	Williams
7	17	Tue, Feb 19		TEST 1. Chapters 1-11, 37	3		Williams
	18	Thu, Feb 21	12	Shock	3	13	Ezell
8	19	Tue, Feb 26	13 14	BLS Resuscitation Medical Overview	1.5 1.5	12 12	Craig
	20	Thu, Feb 28	15	Respiratory Emergencies	3	11	Kerns
	21	Tue, Mar 5	16	Cardiovascular Emergencies	3	12	Kerns
9	22	Thu, Mar 7	17	Neurological Emergencies	3	14	Craig
	23	Sat, Mar 9 AM		Respiratory Skills	3	11	Ezell, Williams
	24	Sat, Mar 9 PM		Patient Assessment Skills	3	14	Ezell, Williams
	25	Tue, Mar 12	18	GI and GU Emergencies	3	14	Craig
10	26	Thu, Mar 14	19	Endocrine Emergencies	3	14	Ezell
	27	Tue, Mar 19	20 21	Immunological Emergencies Toxicology	1.5 1.5	14 14	Kerns
	28	Thu, Mar 21	22 23	Psychiatric Emergencies GYN Emergencies	1.5 1.5	14 14	Williams

Wk	#	Date	Ch	Topic	Hrs	Area	Instructor
12	29	Tue, Mar 26		Medical Skills	3	14	Ezell, Craig
	30	Thu, Mar 28		TEST 2. Chapters 12 - 23			Williams
	31	Sat, Mar 30 AM		Medical Skills Practical	3	14	Kerns, Craig
	32	Sat, Mar 30 PM	24 25	Trauma Overview Bleeding	1 2	13 13	Kerns, Craig
13	33	Tue, Apr 2	26 27	Soft Tissue Injuries Face/Neck Injuries	1.5 1.5	13 13	Williams
	34	Thu, Apr 4	28	Head and Spine Injuries	3	13	Craig
14	35	Tue, Apr 9		Trauma Skills	3	13	Kerns, Williams
	36	Thu, Apr 11	29 30	Chest Injuries Abdominal/Genitourinary Injuries	1.5 1.5	13 13	Ezell
15	37	Tue, Apr 16	31	Orthopedic Injuries	3	13	Kerns
	38	Thu, Apr 18	32	Environmental Injuries	3	14	Craig
	39	Sat, Apr 20 AM		Trauma Skills	3	13	All
	40	Sat Apr 20 PM		Trauma Skills	3	13	all
16	41	Tue, Apr 23		TEST 3. Chapters 24 - 32	3		Williams
	42	Thu, Apr 25	33	OB and Neonatal Emergencies	3	14	Craig
17	43	Tue, Apr 30	34 35	Pediatric Emergencies Geriatric Emergencies	1.5 1.5	14 14	Ezell
	44	Thu, May 2	38	Vehicle Extrication	3	LCCR	Kerns
	45	Sat, May 4 AM		Vehicle Extrication Practical @ Station 4 (mandatory)	3	LCCR	Kerns, Williams
	46	Sat, May 4 PM		Vehicle Extrication Practical @ Station 4 (mandatory)	3	LCCR	Kerns, Williams
18	47	Tue, May 7	36	Patients with Special Challenges	3	15	Craig

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Wk	#	Date	Ch	Topic	Hrs	Area	Instructor
	48	Thu, May 9		Trauma Skills	3	13	All
19	49	Tue, May 14	40	Terrorism Response	3	15	Williams
	50	Thu, May 16	39	Incident Management	3	15	Kerns
	51	Sat, May 18 AM		Mass Casualty Practical	3	LCCR	Craig, Kerns
	52	Sat, May 18 PM		Mass Casualty Practical	3	LCCR	Craig, Kerns
20	53	Tue, May 21		Skills Practice	3	LCCR	All
	54	Thu, May 23		Skills Practice	3	LCCR	All
21		Tue, May 28		NO CLASS - Study for final!			
	55	Thu, May 30		FINAL WRITTEN EXAM	3		Williams
	56	Sat, Jun 1 AM		AM: FINAL SKILLS EXAM	3		All
	57	Sat, Jun 1 PM		PM: FINAL SKILLS EXAM	3		All
		Thu, Jun 20		PEMS Consolidated Test Site – 6:00pm			