

LESSON
PLAN
COPY

EMERGENCY MEDICAL TECHNICIAN
COURSE

EDMT - 101

3 Credits

Instructor
Keith Connover

PIEDMONT VIRGINIA COMMUNITY COLLEGE

Division of Health Technology and Public Service
Nursing Program
Route 6, Box 1A
Charlottesville, Virginia

Winter, 1979

Description:

This course is a basic training course in emergency medicine and related subjects for ambulance, rescue squad, and other personnel having primary responsibility for emergency care in the field. Many of the techniques and skills taught presuppose the availability of basic emergency medical equipment. Those having a responsibility for emergency care in the field, but whom are not members of an emergency medical services (EMS) organization should consider taking either the Advanced First Aid and Emergency Care course offered by the American National Red Cross, or the First Responder (formerly Crash Injury Management) course offered by the U. S. Department of Transportation. These courses approximately cover the same material, but are oriented to those without sophisticated medical equipment.

Course Requirements:

- (1) Written testing: Two written tests, and a written final examination administered by the Virginia Department of Health. Grading 70 - passing
- (2) Practical testing: Two practical tests, and a final practical examination administered by the Virginia Department of Health.- on pass, fail basis
- (3) Attendance is of vital importance; any missed sessions must have prior approval of the course instructor, and must be made up satisfactorily for course completion.
- (4) Any student desiring to become a Registered EMT through the National Registry of EMTs must have served a minimum of six months with an EMS organization.

Course Coordinator:

Keith Conover 296-2269

Readings:

Readings will be assigned from the following texts, and from additional material to be distributed in class:

- (1) Emergency Care, Grant and Murray (Second Edition)
- (2) The Wonderful Human Machine, American Medical Association
- (3) Hypothermia: Killer of the Unprepared, Lanthrop
- (4) First Aid for Laryngectomies, Intl. Assoc. of Laryngectomees
- (5) Cardiopulmonary Resuscitation, American National Red Cross
- (6) First Aid for Foreign Body Obstruction of the Airway, American National Red Cross

(All available from FVCC bookstore)

The following books will serve as useful references:

- (1) Advanced First Aid and Emergency Care, American National Red Cross
- (2) Emergency Care and Transportation of the Sick and Injured, American Academy of Orthopedic Surgeons (Second Edition)

	1	<u>Registration</u>	---	---	
	2	<u>Introduction:</u> This EMT course, EMS, vital signs, medical terminology, anatomy, (vital signs).	<u>EC pp 1-30, 111-116, 126-133</u>	---	
22	3	<u>Introduction Cont.:</u> legal and related matters, medical terminology, and anatomy cont. (vital signs).	<u>The Wonderful Human Machine; Handout #1</u>	#1	
24	4	<u>Emergency Response and Reaching the Victim:</u> Dispatching and communications, preparation, driving, scene management, forcible entry, fire and toxic gases, emergency evacuations (improvised emergency evacuation)	<u>EC pp 31-108; Handout #2</u>	---	
29	5	<u>Patient Surveys:</u> The rescue scene, intro. to primary and secondary surveys, CPR: first aid for airway obstruction and artificial respiration, (first aid for airway obstruction and artificial respiration).	<u>EC pp 109-188; First Aid for Foreign Body Obstruction of the Airway; CPR; First Aid for Laryngotomies; Handout #3</u>	#2	
31	6	<u>Patient Surveys:</u> 1 ^o and 2 ^o survey case study, the circulatory system, soft tissue injuries, hemostasis, CPR: external cardiac compression, (hemostasis, CPR).	<u>EC 188-219</u>	---	
FEB	5	7	<u>Patient Surveys:</u> 1 ^o and 2 ^o survey case study, shock, CPR review, (CPR).	<u>EC 219-238; Handout #1</u>	#3
	7	8	<u>Patient Surveys:</u> 1 ^o and 2 ^o survey case study, the respiratory system, chest injuries, CPR review, (CPR).	<u>EC 299-306</u>	---
	12	9	<u>Exam #1:</u> EMS, EMS law, medical terminology, anatomy, emerg. response and reaching the victim, the circulatory and respiratory systems, chest injuries, hemostasis, soft tissue injuries, shock, CPR, vital signs, (CPR, primary surveys, improvised evacuation, vital signs).	<u>EC pp 1-238, 299-306; FAFFBoFA, CPR, FAforL, TWHM</u>	#4
	14	10	<u>Patient Surveys:</u> 1 ^o and 2 ^o survey case study, respiratory disease, adjuncts to artificial respiration, oxygen, (oxygen, airways, bag mask).	<u>EC 239-263</u>	---
	19	11	<u>Patient Surveys:</u> 1 ^o and 2 ^o survey case study, 2 ^o surveys, (2 ^o surveys, CPR w/ adjuncts).	---	#5
	21	12	<u>Specific Injuries:</u> The nervous system, skull injuries, brain injuries, brain diseases, brain infections, CVAs, spine injuries, (backboarding).	<u>EC 265-285; Handout #5</u>	---
	26	13	<u>Specific Injuries:</u> Chest, abdomen, genitalia, (backboarding, 2 ^o surveys, CPR w/ adjuncts).	<u>EC 299-314</u>	#6
	28	14	<u>Specific Injuries:</u> Dressings and bandages, injuries to head, face, eye, ear, nose, throat, and jaw, (bandaging).	<u>EC 281-299; Handout #6</u>	---
MAR	5	15	<u>Specific Injuries:</u> The musculoskeletal system, principles of splinting, upper extremity injuries, (splinting).	<u>EC 311-344; Handout #7</u>	#7
	7	16	<u>Specific Injuries:</u> Lower extremities, (splinting).	<u>EC 335-340</u>	---
	12	17	<u>Review:</u> All lectures to date, (splinting, bandaging, 2 ^o surveys, CPR, CPR w/ adjuncts, backboarding).	<u>EC pp 1-340; TWHM; FAFFBoFA; FAFL; CPR</u>	#8
	19	18	<u>Exam #2:</u> All material from first exam, plus 2 ^o surveys and specific injuries.	same as review	---

	Session	Topics: Lecture and (Practical)	Reading Due	Homework Due
14 W	18	<u>Exam #2</u> : All material from first exam, plus 2 surveys and specific injuries, (all skills to date).	same as for review	---
19 M	19	<u>Medical Emergencies</u> : Heart disorders, diabetes, communicable disease, poisons, drugs, (practice all skills to date).	<u>EC 341-370</u>	#9
21 W	20	<u>Environmental Emergencies</u> : Burns, heat- and cold-related problems, drowning, radiation accidents, (practice all skills to date).	<u>EC 371-390</u> ; <u>Hypothermia</u> ; <u>Handout #8</u>	---
26 M	21	<u>Childbirth and Obstetric Emergencies</u> ; <u>Pediatric Emergencies</u> ; <u>Psychiatric Emergencies</u> , (Childbirth).	<u>EC 391-421</u>	#10
28 W	22	<u>Disentanglement and Preparation for Evacuation</u> ; <u>Evacuation</u> , (litter loading, non-technical evacuations).	<u>EC 425-490</u> ; <u>Handout #9</u>	---
APR 2 M	23	<u>Transfer to the Hospital</u> ; <u>Termination of Activities</u> ; <u>Review</u> , (practice all skills).	<u>EC 493-512</u>	#11
	24	FINAL: Written and Practical.		

LECTURER APPOINTMENT PROPOSAL

Date: January 26, 1979

Keith Conover

Name of Appointee

I am pleased to offer you an appointment as a Lecturer at Piedmont Virginia Community College for the Winter Quarter, 1979. Your remuneration will be \$480.00 and will be paid upon completion of the course(s).

If you accept this position, it is understood that you will abide by the policies set forth in the Lecturers' Handbook issued by the College and the Policy Manual of the Virginia Community College System.

Your tentative assignment will be to teach the following:

Course(s)	Credit Hour(s)	Day(s)	Time(s)
EMDT 101-01	3	Wed.	7:00-9:50 p.m.

Special Conditions:

If the minimum enrollment of the tuition-paying students is not reached at the first class meeting, the College reserves the right to cancel the class.

If the above is acceptable to you, please sign below and return one copy to the Dean of Instruction by February 5, 1979.

Signature of President

Date: 27 Jan. 79

Signature of Proposed Appointee

LECTURER APPOINTMENT PROPOSAL

Date: April 2, 1979

Keith Conover
Name of Appointee

I am pleased to offer you an appointment as a Lecturer at Piedmont Virginia Community College for the Spring Quarter, 1979. Your remuneration will be \$480.00 and will be paid upon completion of the course(s).

If you accept this position, it is understood that you will abide by the policies set forth in the Lecturers' Handbook issued by the College and the Policy Manual of the Virginia Community College System.

Your tentative assignment will be to teach the following:

Course(s)	Credit Hour(s)	Day(s)	Time(s)
EMDT 102-02	3	MW	7:00-9:50 pm

Special Conditions:

If the minimum enrollment of the tuition-paying students is not reached at the first class meeting, the College reserves the right to cancel the class.

If the above is acceptable to you, please sign below and return one copy to the Dean of Instruction by April 11, 1979.

President

 G

Date

Signature (Proposed Appointee)

UNIVERSITY OF VIRGINIA
THE COLLEGE OF ARTS AND SCIENCES
CHARLOTTESVILLE 22903

OFFICE OF THE DEAN
401 CABELL HALL

TELEPHONE:
(804) 924-3351

February 13, 1980

Mr. Keith Conover
G-5 University Gardens
Charlottesville, VA 22903

Dear Mr. Conover:

I've conferred with another member of this office before replying to you, so that you and your students should regard the following as a consensus of the two individuals who see virtually all requests of this kind.

We have a policy of granting two credits for all EMT courses offered outside the sponsorship of an accredited college or university, and we will continue to do this, despite possible variation in work among such courses. The first reason is that this work is virtually impossible for us to evaluate. The medical aspects of the EMT course have been reviewed on occasion by Professor Robert Huskey in biology, who finds them deserving of credit in the College of Arts and Sciences because of the solid biological content. The more important reason is that much of the course lies outside the boundaries of the College of Arts and Sciences. The survival, navigation, ropework, operations, and search aspects of the course do not seem to have their place in existing College departments, just as many other valuable areas of study do not (such as radio-TV, accounting, veterinary medicine, advertising, fashion design, and sports promotion).

(for four credits)

We therefore cannot grant the petitions of the ten students who took the course. The only remote suggestion I can make to you is that a new category of occasional course offerings has recently been set up under the jurisdiction of our associate dean for educational programs, Joseph Kett. These carry a PLSK designation, and he may be inclined to examine your petition in that light. *We will enter two credits meanwhile.*

Yours truly,



Charles Vandersee
Assistant Dean for Special Scholars
Associate Professor of English

CV:bjja

cc: Ellin Deese
Joseph Kett



APPALACHIAN SEARCH & RESCUE CONFERENCE, INC.

2617 Jefferson Drive

Alexandria, Virginia 22303

BLUE RIDGE MOUNTAIN RESCUE GROUP, ASRC
P.O. Box 440 Newcomb Hall
Charlottesville, VA 22903
EMERGENCY PHONE: (804) 924-7166 (UVA Police)

9 December 1977

Dr. Richard Edlich
Emergency Medical Services
University of Virginia

Dr. Edlich:

The Blue Ridge Mountain Rescue Group is now completing a basic EMT class. Many of the members of this class are undergraduate students at UVA who took a small course load this semester, so as to be able to devote the proper amount of time to the EMT class. These students would like to get academic credit for the EMT course, if possible.

Dean Best (of the College of Arts and Sciences) explained to me that students may get credit for such classes as a Liberal Arts Seminar, provided that the class actually contributed to a liberal arts education. The determination of "contribution to a liberal arts education" rests with two persons. The Dean of the College must approve the request (this will not be any problem in this instance) and a member of the faculty (not necessarily of the College) who must vouch for the usefulness of the course to a liberal arts student.

Since you are well known for your efforts towards including EMT training in the curriculum at UVA and other medical schools, it seemed logical to ask you to sign our IASE proposal, rather than some faculty member less familiar with the EMT program and less committed to emergency medical education. If you will sign the one proposal form, I, as course coordinator, can take care of all other details, including grades and final reports to the Registrar.

If, for any reason, you cannot sign this proposal, please leave word with your secretary; or, alternatively, leave the signed form with her. I will check back with her periodically.

Thank you very much for your assistance in this matter.

Sincerely,

Keith Conover
BRMRG Emergency Medical Training
Coordinator



**The Virginia Federation
of EMS Councils, Inc.**

2120 Ivy Road West, Suite E
Charlottesville, Virginia 22903
804-295-8148

January 9, 1979

Mr. Keith Conover
Renal Annex
University of VA Hospital
Box 324, Medical Center
Charlottesville, VA 22908

Dear Mr. Conover:

This letter is to follow-up our phone conversation yesterday on the coordination of the EMT/A course you will be teaching at PVCC with the practical UVA ER experience prior to student certification.

For the time being you might want to advise your students that groups of four will be assigned evening practical sessions one night a week (Monday through Friday) starting in mid-April.

It is important that you contact Diana Rockwell, 924-2085, around the end of March to set up this ER schedule. If there is anything the Thomas Jefferson EMS Council can provide, please give me a call.

Sincerely,

Andrea Respass Clapp

Andrea Respass Clapp
Project Director

ARC/gh

cc: Diana Rockwell

BRMRG BASIC EMT COURSE ROSTER

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	A	B	C	P/F	EMT No.
AMISS, MATT	E		E										E	88									95							
BASS, ROB			E								E			B									A	E						
BENTLEY, BILL														A	E								A							
BOLTE, ABBOTT														A						E			B							
BODZ, MARK														A+									A							
DOOLEY, ANNE													E	E	B								C							
DOOLEY, JIM														E	B+								B							
DRIESE, KEN														B									C							
FAULKNER, ALAN					E						E			B+			X			X			D	E						
GIANNINY, GARY													E	E	B+								B							
JONES, ROY														A									B							
NERSESIAN, PAM														B									C							
MECHTEL, GARY								E						B									C							
POLGAR, TISH														A									A							
SCOTT, CAROL														A									A							
STUBBINS, DICK														E	B								C							
STUBBS, CHRIS			E				E							74		E	E						99							
ST. CLAIR, HENRY					E							E		B									B							
TRAMM, GENE												E		B		E							D							
WAMPLER, DEANE										E				A									A							
WHITLOCK, ROB														A									A							