

**Advisory Committee Minutes Fall 2019**  
**Emergency Medical Services**  
Vernon College – Century City Room 115  
Thursday, November 21, 2019, 12:00pm

Donald Hughes – Chair  
Mark Hale – Vice Chair  
Roger Ritchie – Recorder

**Members Present:**

Greg Neal – Burkburnett Fire  
Roger Ritchie – Air Evac  
Tonya Price – Wilbarger General  
Dwayne Jackson – 4Kidz Sake  
Mark Hale – AMR  
Brian Deason – VC/Air Evac  
Eduardo Dominguez – VC/Student  
Kim Stringfellow – United Regional  
Donald Hughes – WFFD  
Rusty Downs – WFFD  
Ram Selvaraj – VC  
Ryan Matthews – Trans Star AMR

**Staff and Faculty Present:**

Shana Drury  
Holly Scheller  
Racheal White  
Chelsey Henry  
Nick Long

**Members Absent:**

Charles Grady  
Kenny Hoffman  
JJ Oznick

*Donald Hughes discussed the new business:*

**Program Outcomes:**

*Discussion and review took place among committee members regarding the program outcomes listed below.*

1. Apply fundamental knowledge and demonstrate skills relating to airway management, respiration and artificial ventilation.
2. Apply fundamental knowledge of cardiovascular anatomy, physiology and pathophysiology and demonstrate skills relating to cardiovascular assessment, resuscitation and patient management.
3. Apply fundamental knowledge relating to anatomy, physiology and pathophysiology and demonstrate skills relating to emergency care and transportation based on assessment findings of injured patients.
4. Apply fundamental knowledge relating to anatomy, physiology and pathophysiology and demonstrate skills relating to emergency care and transportation based on assessment findings of medical patients.
5. Apply fundamental knowledge relating to EMS operations, roles and responsibilities and to ensure patient, public and personnel safety.

*Donald Hughes asked for a motion to approve program outcomes.*

*Rusty Downs made motion to approve program outcomes as presented.*

*Mark Hale seconded the motion.*

*The motion to approve program outcomes passed.*

### **Assessment Methods:**

*Donald Hughes asked that assessment methods and results be discussed and asked Mr. Long to elaborate.*

Student grades, conduct and professional behavior and psychomotor skills are factors in successful completion of each course. The student must prove competent in each of these areas to continue in the program and obtain successful course completion. In summary successful completion of each course and the EMS program requires that the students must:

- Achieve an overall course average of 78% or higher (*Assignments, quizzes, exams, etc.*)
  - **Not have a test average of the last 3 tests taken less than a 70** (*New*)
  - Successfully demonstrate all required psychomotor skills
  - Satisfactorily demonstrate all required affective/ behavioral competencies
  - Successfully complete all clinical rotation and field internship objectives and hours
- 
- The following grading scale will be used for all EMS students
    - A – 100%-94%
    - B – 93%-84%
    - C – 83%-78%
    - F – <78% (*Unsuccessful Course Completion*)

*Donald Hughes asked for a motion to approve assessment methods and results.  
Roger Ritchie made motion to approve assessment methods and results as presented.  
Rusty Downs seconded the motion.*

*The motion to approve assessment methods and results passed.*

### **Workplace Competency**

*Workplace competencies were discussed in detail as the table reflects below.*

*Basic Emergency Medical Technician*

*(AP= Above Passing, NP= Near Passing, BP= Below Passing)*



Program Outcome	Number of students who took course or licensure exam	Results per student	Use of results
1. Airway	35	14 students @ AP 10 students @ NP 11 students @ BP	Evaluate and modify curriculum to better meet NREMT testing standards
2. Cardiology	35	14 students @ AP 12 students @ NP 9 students @ BP	Evaluate and modify curriculum to better meet NREMT testing standards
3. Trauma	35	16 students @ AP 7 students @ NP 12 students @ BP	Evaluate and modify curriculum to better meet NREMT testing standards
4. Medical	35	15 students @ AP 9 students @ NP 11 students @ BP	Evaluate and modify curriculum to better meet NREMT testing standards
5. EMS Operations	35	18 students @ AP 7 students @ NP 10 students @ BP	Evaluate and modify curriculum to better meet NREMT testing standards

*Advanced Emergency Medical Technician*

*(AP= Above Passing, NP= Near Passing, BP= Below Passing)*

Program Outcome	Number of students who took course or licensure exam	Results per student	Use of results
1. Airway	17	6 students @ AP 9 students @ NP 2 students @ BP	Evaluate and modify curriculum to better meet NREMT testing standards
2. Cardiology	17	2 students @ AP 8 students @ NP 7 students @ BP	Evaluate and modify curriculum to better meet NREMT testing standards
3. Trauma	17	0 students @ AP 11 students @ NP 6 students @ BP	Evaluate and modify curriculum to better meet NREMT testing standards
4. Medical	17	2 students @ AP 14 students @ NP 1 students @ BP	Evaluate and modify curriculum to better meet NREMT testing standards
5. EMS Operations	17	1 students @ AP 16 students @ NP 3 students @ BP	Evaluate and modify curriculum to better meet NREMT testing standards

Verification of workplace competencies:

Credentialing Exam – National Registry Examination for certification or licensure  
Successful completion of EMSP 1260 and EMSP 1501 will qualify students to take the  
*NREMT Basic Licensure Exam.*

Credentialing Exam – National Registry Examination for certification or licensure  
Successful completion of EMSP 1362 and EMSP 1338, 1355, 1356 will qualify students  
to take the *NREMT Advanced Licensure Exam*

*Kim Stringfellow asked Mr. Long to specify 'near passing.'*

*Ryan Matthews explained below 70 was below passing, 71-78 was near passing and anything  
over 78 was almost passing.*

*Dr. Selvaraj states that the numbers are very poor and that the pass rate is about 50% it is Mr.  
Long's responsibly to test the students after every lesson. Most students won't ask for help but  
there should be mini quizzes so Mr. Long knows where the students stand.*

*Mr. Long states with the new books that have been implemented in the class there has been some  
confusion. Going forward the students should be more familiar with the new assessments.*

*After discussion, Donald Hughes asked for a motion to approve workplace competency.*

*Rusty Downs made motion to approve workplace competency as presented.*

*Mark Hale second the motion.*

*The motion to approve workplace competency as presented passed.*

**Review program curriculum:**

## Emergency Medical Services, Level 1 A- EMT Certificate

Instructional Location - Century City Center

CIP 51.0904

Level 1 Certificate

**ADVANCED EMERGENCY MEDICAL TECHNICIAN (A-EMT)**

**CERTIFICATE OF COMPLETION** (Probable Completion Time – 9 months or 32 weeks)

### Major Requirements (19 SH)

<b><u>EMSP 1260</u></b>	Clinical - Emergency Medical Technology/Technician (EMT Paramedic) (B)	2
<b><u>EMSP 1501</u></b>	Emergency Medical Technician	5
<b><u>EMSP 1338</u></b>	Introduction to Advanced Practice	3



<b>EMSP 1355</b>	Trauma Management	3
<b>EMSP 1356</b>	Patient Assessment and Airway Management	3
<b>EMSP 1362</b>	Clinical - Emergency Medical Technology/Technician (EMT Paramedic) (A)	3
<b>Total Credit Hours:</b>		<b>19</b>

### Verification of Workplace Competencies:

Credentialing Exam - National Registry Examination for certification or licensure  
 Successful completion of **EMSP 1260** and **EMSP 1501** will qualify students to take the NREMT-Basic Licensure Exam

EMSP 1501 Emergency Medical Technician - Demonstrate proficiency in cognitive, psychomotor and affective domains for the Emergency Medical Technician (EMT) in accordance with the current guidelines of the credentialing agency.

Texas Department of State Health Services and/or the National Registry of EMTs.

*We are purposing an 8-week hybrid program meeting 4 nights a week 4 hours per night with 2 Saturday classes, 1 Saturday is **mandatory** Skills testing day for students. We will move the following sections from classroom lecture to Canvas LMS to give classroom time back to instructors in other content areas we are pressed for time on. The Canvas LMS format for these content areas would cover all learning objectives using online lectures recorded by the instructors with content specific quizzes administered; these courses would have a completion date assigned to them and the student evaluation of content mastery completed during unit module exams. The following content areas would be moved to Canvas LMS, **Introduction to Emergency Medical Care, The Well-being of the EMT, Lifting and moving Patients, Medical/Legal and Ethical Issues, Medical Terminology, Life Span Development, Environmental Emergencies, EMS Operations, Hazardous Materials, Multiple-Casualty Incidents, and Incident Management, Highway Safety and Vehicle Extrication, EMS Response to Terrorism.***

EMSP 1338 Introduction to Advanced Practice - Fundamental elements associated with emergency medical services to include preparatory practices, pathophysiology, medication administration, and related topics.

Describe the roles and responsibilities of advanced EMS personnel within the EMS system; apply concepts of pathophysiology and pharmacology to the assessment and management of emergency patients; administer medications; employ effective communication; interpret medical/legal issues; demonstrate ethical behaviors; and discuss well-being of the paramedic.

*We are purposing an 8-week hybrid program meeting 4 nights a week 4 hours per night with 1 **mandatory** Saturday for Skills testing for students (not NREMT EXAM). We will move the following sections from classroom lecture to Canvas LMS to give classroom time back to instructors in other content areas we are pressed for time on. The Canvas LMS format for these content areas would cover all learning objectives using online lectures recorded by the instructors with content specific quizzes given, these courses would have a completion date assigned to them and the student evaluation of content mastery completed during unit module exams. The following content areas would be moved to Canvas LMS, From Introduction **to Paramedicine, EMS Systems, Roles and Responsibilities of the Paramedic, Workforce Safety and Wellness, EMS Research, Public Health, Medical-Legal Aspects of Out-Of-Hospital Care, Ethics in Paramedicine, Human Life Span Development,***

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EMSP 1355 Trauma Management - Knowledge and skills in the assessment and management of patients with traumatic injuries.

Integrate the pathophysiological assessment findings to formulate a field impression; implement the treatment plan for the trauma patient; and integrate multiple determinants of trauma conditions into clinical care.

*We are purposing an 8-week hybrid program meeting 4 nights a week 4 hours per night with 1 **mandatory** Saturday for Skills testing for students (not NREMT EXAM). We will move the following sections from classroom lecture to Canvas LMS to give classroom time back to instructors in other content areas we are pressed for time on. The Canvas LMS format for these content areas would cover all learning objectives using online lectures recorded by the instructors with content specific quizzes given; these courses would have a completion date assigned to them and the student evaluation of content mastery completed during unit module exams. The following content areas will be moved to Canvas LMS, **Trauma and Trauma Systems, Mechanism of Injury, Hemorrhage and Shock, Burn's, Environmental Trauma, Special Considerations in Trauma.***

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EMSP 1356 Patient Assessment and Airway Management - Knowledge and skills required to perform patient assessment, airway management, and artificial ventilation.

Perform a history and comprehensive physical exam on various patient populations; establish and/or maintain a patient airway; demonstrate oxygenation and ventilation of a patient; differentiate respiratory distress, failure and arrest; and interpret results of monitoring devices.



We are purposing an 8-week hybrid program meeting 4 nights a week 4 hours per night with 1 **mandatory** Saturday for Skills testing for students (not NREMT EXAM). We will move the all book sections from classroom lecture to Canvas LMS to give classroom time back to instructors to focus on content areas of skills. The Canvas LMS format for these content areas would cover all learning objectives using online lectures recorded by the instructors with content specific quizzes given, these courses would have a completion date assigned to them and the student evaluation of content mastery completed during unit module exams. All content areas would be moved to Canvas LMS.

20-21

Certificate Level 1, CIP 51.0904, 32 wks.

CIP	Course Title	Sem	SCH	Lec	Lab	"Contact Hrs."
51.0904	EMSP 1501	5	3	6	144	
51.0904	EMSP 1260	2	0	6	96	
51.0904	EMSP 1338	3	3	0	48	
51.0904	EMSP 1355	3	2	2	64	
51.0904	EMSP 1356	3	2	2	64	
51.0904	EMSP 1362	3	0	12	192	
			19		608	

EMSP 1260 Add \$31.50 for FIDAP

Add to EMSP 1260 and 1362: Travel may be required to fulfill clinical competencies and may be more than or approximately 1 hour from class location.

Roger Ritchie states there is some new technology out that you can implement a quiz on the students' phones. Mr. Long would get the results from the quiz instantly and be able to see how the student comprehends what was taught.

Shana states we use this technology in several different programs.

After discussion, Donald Hughes asked for a motion to approve program with revisions with updates as discussed.

Roger Ritchie made motion to approve program with revisions.

Greg Neal second the motion.

The motion to approve program with revisions passed.

**Review of Matrices:**

Donald Hughes led the discussion on Review Secretary's Commission on Achieving Necessary Skills (SCANS), General Education, Program Outcomes Matrices, and Institutional Outcomes Matrices and asks the faculty to expand on them.

Shana Drury explains the matrices below.

**SCANS Matrix:** The SCANS (Secretary's Commission on Achieving Necessary Skills) Matrix represents the 8 Federal requirements that must be taught. The matrix shows how we are mapping them back to each of the courses in the program

Program: Emergency Medical Services (EMS)								Credential: Certificate of Completion- Federal	
Award: Advanced Emergency Medical Technician (A-EMT) Certificate of Completion									
Cip: 51.0904									
LIST OF ALL COURSES REQUIRED AND IDENTIFIED COMPETENCIES									
SCANS COMPETENCIES								Course Number	Course Title
1	2	3	4	5	6	7	8		
X	X	X	X	X	X	X	X	EMSP 1260	Clinical - Emergency Medical Technology/Technician (EMT Basic)
X	X	X	X	X	X	X	X	EMSP 1501	Emergency Medical Technician
X	X	X	X	X	X	X	X	EMSP 1338	Introduction to Advanced Practice
X	X	X	X	X	X	X	X	EMSP 1355	Trauma Management
X	X	X	X	X	X	X	X	EMSP 1356	Patient Assessment and Airway Management
X	X	X	X	X	X	X	X	EMSP 1362	Clinical-Emergency Medical Technology/Technician (EMT Advanced)
								8. BASIC USE OF COMPUTERS	
								7. WORKPLACE COMPETENCIES	
								6. PERSONAL QUALITIES	
								5. THINKING SKILLS	
								4. SPEAKING AND LISTENING	
								3. ARITHMETIC OR MATHEMATICS	
								2. WRITING	
								1. READING	

**General Education Matrix:** The General Education Matrix is state mandated. You will see the 6 requirements that the college is tasked with teaching and how they map back to the courses.

<b>Program: Emergency Medical Services (EMS)</b>	<b>Credential: Certificate of Completion</b>
Award: Advanced Emergency Medical Technician (A-EMT) Certificate of Completion	



Cip: 51.0904							
LIST OF ALL COURSES REQUIRED AND IDENTIFIED CORE OBJECTIVES							
SCANS COMPETENCIES						Course Number	Course Title
1	2	3	4	5	6		
X	X	X	X	X	X	EMSP 1260	Clinical - Emergency Medical Technology/Technician (EMT Basic)
X	X	X	X	X	X	EMSP 1501	Emergency Medical Technician
X	X	X	X	X	X	EMSP 1338	Introduction to Advanced Practice
X	X	X	X	X	X	EMSP 1355	Trauma Management
X	X	X	X	X	X	EMSP 1356	Patient Assessment and Airway Management
X	X	X	X	X	X	EMSP 1362	Clinical-Emergency Medical Technology/Technician (EMT Advanced)
					6. PERSONAL RESPONSIBILITY		
					5. SOCIAL RESPONSIBILITY		
					4. TEAM WORK		
					3. EMPIRICAL AND QUANTITATIVE SKILLS		
					2. COMMUNICATION SKILLS		
1. CRITICAL THINKING							

**Program Outcomes Matrix:** The Outcomes Matrix represents the Vernon College mandated requirements. They are the Program outcomes just approved and how they map back to the courses.

<b>Program: Emergency Medical Services (EMS)</b>					<b>Credential: Certificate of Completion-College</b>	
<b>Award: Advanced Emergency Medical Technician (A-EMT) Certificate of Completion</b>						
<b>Cip: 51.0904</b>						
<b>LIST OF ALL COURSES REQUIRED AND OUTCOMES</b>						
<b>Program Outcomes</b>					<b>Course Number</b>	<b>Course Title</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>		
X	X	X	X	X	EMSP 1260	Clinical - Emergency Medical Technology/Technician (EMT Basic)
X	X	X	X	X	EMSP 1501	Emergency Medical Technician
X			X	X	EMSP 1338	Introduction to Advanced Practice
X	X	X		X	EMSP 1355	Trauma Management
X	X	X	X	X	EMSP 1356	Patient Assessment and Airway Management
X	X	X	X	X	EMSP 1362	Clinical-Emergency Medical Technology/Technician (EMT Advanced)

			5. Apply fundamental knowledge relating to EMS operations, roles and responsibilities and to ensure patient, public and personnel safety.
			4. Apply fundamental knowledge relating to anatomy, physiology and pathophysiology and demonstrate skills relating to emergency care and transportation based on assessment findings of medical patients.
			3. Apply fundamental knowledge relating to anatomy, physiology and pathophysiology and demonstrate skills relating to emergency care and transportation based on assessment findings of injured patients.
			2. Apply fundamental knowledge of cardiovascular anatomy, physiology and pathophysiology and demonstrate skills relating to cardiovascular assessment, resuscitation and patient management.
			1. Apply fundamental knowledge and demonstrate skills relating to airway management, respiration and artificial ventilation.

**Institutional Outcomes Matrix:** The Institutional Outcomes Matrix represents the Vernon College mandated requirements. This matrix represents how the program outcomes map back to the institutional outcomes/general education outcomes.

<b>Program: Emergency Medical Services (EMS)</b>					<b>Credential: Certificate of Completion-College</b>
<b>Award: Advanced Emergency Medical Technician (A-EMT) Certificate of Completion</b>					
<b>Cip: 51.0904</b>					
<b>LIST OF ALL COURSES REQUIRED AND OUTCOMES</b>					
<b>Program Outcomes</b>					
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
X	X	X	X	X	
X	X	X	X	X	
X	X	X	X		
		X	X	X	
		X	X	X	
X	X	X	X	X	
					1. CRITICAL THINKING
					2. COMMUNICATION SKILLS
					3. EMPIRICAL AND QUANTITATIVE SKILLS
					4. TEAM WORK
					5. SOCIAL RESPONSIBILITY
					6. PERSONAL RESPONSIBILITY
				5. Apply fundamental knowledge relating to EMS operations, roles and responsibilities and to ensure patient, public and personnel safety.	
				4. Apply fundamental knowledge relating to anatomy, physiology and pathophysiology and demonstrate skills relating to emergency care and transportation based on assessment findings of medical patients.	
				3. Apply fundamental knowledge relating to anatomy, physiology and pathophysiology and demonstrate skills relating to emergency care and transportation based on assessment findings of injured patients.	



	2. Apply fundamental knowledge of cardiovascular anatomy, physiology and pathophysiology and demonstrate skills relating to cardiovascular assessment, resuscitation and patient management.
	1. Apply fundamental knowledge and demonstrate skills relating to airway management, respiration and artificial ventilation.

*Donald Hughes asked for a motion to approve matrices.*

*Roger Ritchie made motion to approve matrices as presented.*

*Mark Hale seconded the motion.*

*The motion to approve matrices as presented passed.*

### **Program statistics:**

*Mr. Hughes proceeded into discussing Program statistics*

- Program Statistics:
  - Graduates 2018-2019: 63
  - Enrollment Summer 2019: None
  - Majors Fall 2019-2020: 63
  - Enrollment Fall 2019: EMT-B 25; AEMT 4; CEC EMT-B 11; WFFD 67<sup>th</sup> Fire Academy 8 total 48 Students this Fall.

### **Local Demand:**

*Ryan Matthews with Transstar states the advanced positions always has a revolving door. Basic positions have one opening. Activity hire 3-4 people a year throughout the company.*

*Mark Hale with AMR filled 4 EMT last couple of weeks, over the last year the company has filled over 12 positions.*

*Wichita Falls Fire Department hires about 6-7 people a year due to employees retiring.*

*Roger Ritchie states Air-evac requires 3 years' experience.*

*URHCS hires about 15-20 techs a year.*

### **Evaluation of facilities and equipment:**

*Ken Theimer opened up discussion on evaluation of facilities, equipment, and technology. Recommendation for acquisition of new equipment and technology.*

*Nick Long discussed how he would like to look at wiring the lab with cameras that would tie into our LLEAP software for the manikins to be able to run scenarios remotely from the office but*

give us the instructors the ability to observe the students visually working. They also tie into the scenario-recording feature and you can play it back during debriefing and review performances.

### **External learning experiences:**

*Donald Hughes moved discussion to external learning experiences, employment, and placement opportunities*

\*Due to Perkins transition this is the most recent report

Placement Rate of Program Completers by Reporting Year [1]			
Program	3-Year Average		
	Plc	Cmp	%
51090400-Emergency Medical Technology/Technician (EMT Paramedic)	51	53	96.23%

### **Professional development of faculty:**

*The Chair moves to professional development of faculty and recommendations:*

Nicholas and Brian are looking at attending the Texas EMS Educators Association Conference in April. Nicholas will also be attending the NAEMSE Conference in Pittsburgh in August.

### **Promotion and publicity:**

*Donald Hughes proceeds to promotion and publicity (recruiting) about the program to the community and to business and industry*

Preview day upcoming – Vernon and Wichita Falls

### **Serving students from special populations:**


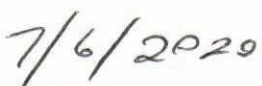
*Donald Hughes would like to discuss serving students from special populations.*

1. Special populations new definitions:
  - a. Individuals with disabilities;
  - b. Individuals from economically disadvantaged families, including low-income youth and adults;
  - c. Individuals preparing for non-traditional fields;  
EMT- 16M, 9F AEMT – 2M, 2F CEC EMT 7M, 4F WFFD EMT 7M, 1F
  - d. Single parents, including single pregnant women;



- e. Out-of-workforce individuals;
- f. English learners;
- g. Homeless individuals described in section 725 of the McKinney-Vento Homeless Assistance Act (42 U.S.C. 11434a);
- h. Youth who are in, or have aged out of, the foster care system; and
- i. Youth with a parent who—
  - i. a. is a member of the armed forces (as such term is defined in section 101(a)(4) of title 10, United States Code);
  - ii. b. is on active duty (as such term is defined in section 101(d)(1) of such title).

Adjourn at 1:20PM

Recorder Signature: 	Date: 	Next Meeting: Fall 2020
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