

PROGRAM OUTLINE

NAME OF INSTITUTION: Health Career Institute

LICENSE # 2077

PROGRAM TITLE: Emergency Medical Technician EMT-B

CREDENTIAL ISSUED: Certificate of Completion 11 College Credit

PROGRAM OBJECTIVE;

To provide the student with orientation to the EMS services and to promote safe and effective patient care. This program will prepare the student to successfully pass the state exam or national registry exam. This program consists of Lecture, Lab and Clinical. The EMT-B Program requires an overall passing grade of 70%. The program utilizes the latest curriculum by the U.S. Department of Transportation D.O.T.

PROGRAM DESCRIPTION:

The basic EMT-B curriculum includes patient assessment, airway management, medical and trauma emergencies of adults and pediatrics in the field as well as in the classroom.

ENTRANCE REQUIREMENTS OR PREREQUISITES:

1. CPR- BLS for Healthcare Provider or American Red Cross for Professional Rescuer.
2. 18 years of age at state exam
3. High School Diploma or G.E.D.
4. Physical Exam from a physician.

PROGRAM LENGTH:

Months	<u> </u>
Weeks	<u> 12 </u>
Clock Hours	<u> </u>
Quarter Semester Hours	<u> </u>

ACTUAL CONTACT HOURS:

Theory	<u> 150 </u>
Lab	<u> 40 </u>
Externship	<u> 60 </u>
Total	<u> 250 </u>

Tuition	<u> \$ 1300 </u>
Registration Fee	<u> 50 </u>
Books and Materials	<u> inc </u>
Other Costs	<u> inc </u>
Total Program Costs	<u> \$ 1350 </u>

EMT Program Breakdown by Course

Course:	SUBJECT AND STUDENT OBJECTIVES	HOURS
HIV 105	<p>HIV/Bloodborne Pathogens The student must recognize the need for body substance isolation and the blood pathogens in the workplace. Safety & Security Procedures Demonstrate the safety use of medical equipment. Recognize and report safety hazards. Recognize and practice security procedures. Demonstrate proper body mechanics. Knowledge of Bloodborne diseases including AIDS.</p>	4
BLS 105	<p>BLS for Healthcare Providers Will teach the student how to recognize and respond to life threatening emergencies such as cardiac arrest, respiratory arrest, and foreign-body airway obstruction. The course will also teach the skill for Adult CPR, Child CPR, and Infant CPR, use of an automated external defibrillator (AED), and relief of foreign-body airway obstruction.</p>	8
EMC 105	<p>Intro to Emergency Medical Care The student will be taught the medical and legal aspects of Emergency Medical Care. Anatomy and Physiology of the human body. The principals of body mechanics in lifting and moving patients. Basic airway management and ventilation.</p>	20
PAT 105	<p>Patient Assessment Trauma The student will be taught scene size up, learn to recognize hazards or potential hazards. The student will be taught to perform an initial assessment, airway, breathing, circulation, determining the priority of the patient, obtaining vitals signs, blood pressure, pulse, and respirations. The student will be taught the significance of the mechanism of injury and the possible musculoskeletal injuries involved with trauma. The student will be taught how to treatment possible head and spine injuries. The student will be able to put it all together for the trauma patient.</p>	55
PAM 105	<p>Patient Assessment Medical Patient The student will be taught the need to assess the individual with a specific chief complaint and no prior medical history. Differentiate between the history and physical exam of the responsive and unresponsive patient. The student will be able to perform the Ongoing assessment. The student will be able to identify the medications that are carried on the unit. Which medications he/she is able to assist patient with. Discuss the forms medications are carried. The student will be able to assess the Respiratory, Diabetic, Cardiac, Altered Mental Status, Allergic Reaction, Poisoning, Overdose, Environmental, Behavioral, and OB/Gyn patients. The student will be able to put it all together for the Medical Patient.</p>	48

OPER 105	Operations The student will be taught the importance of proper communication with patient, family and hospital personnel. The importance and significance of proper documentation. The operations of the ambulance.	15
EMTL 105	Laboratory Skills The students will learn the hand on skill of Emergency Medical Services.	40
EMTC 105	Clinical Field Internship The students will perform learned emergency medical procedures under direct supervision of a preceptor or instructor in the Hospital or field setting.	60

Program Cognitive Objective:

At the completion of the program, the graduate of the EMT program will demonstrate the ability to comprehend, apply, and evaluate the clinical information relative to his/her role as an entry level EMT in the state of Florida.

Program Psychomotor Objective:

At the completion of the program, the student will demonstrate technical proficiency in all of the skills necessary to fulfill the role of the entry level paramedic in the state of Florida.

Program Affective Objective:

At the completion of the program, the student will demonstrate personal behaviors consistent with the professional and employer expectations for the entry level EMT in the state of Florida.

Types of program evaluation:

- Performance of graduates on certification exams
- Graduate surveys
- Employer surveys
- Medical Director surveys
- Patient surveys

Course Design

The EMT Program consists of four components:

Didactic: hours

150

The didactic instruction represents the delivery of primarily cognitive material. This material will be presented in different formats such as lecture, video, interactive discussion and simulation. Power point will be used by each and every instructor to ensure that all the material is covered and to provide a standard of instruction to the students that may vary by different instructors' format and interpretation of the material.

Skill Laboratory

40

The skills lab portion of the class provides the student with the opportunity to develop the psychomotor skills of the paramedic. The skills will be presented in a sequential matter for integration of the material being taught. Initially the skills will be taught in isolation and then integrated into simulated scenarios. Toward the latter part of the skills lab will be used to present instructional scenarios to emphasize the application and integration of didactic and the skills into the patient management.

Clinical Education

Clinical education represents the most important component of the paramedic's education. This is where the student learns to synthesize cognitive and psychomotor skills. To be effective, clinical education should integrate and reinforce the didactic and skills lab. The clinical portion is designed to be closely supervised and evaluated. This part of the program is not measured by time as much as the number of patient contact and frequency of skills performed which must be established for clinical education.

Hospital Clinical: Offers the advantage of the student being able to see more patients that is sometimes possible in an emergency setting. The paramedic will be placed in different areas of the hospital, ICU, OB/GYN, recovery etc. This will assure a variety of patient presentations and complaints.

Field Clinical and Field Internship

60

The field clinical is where the student learns how to apply cognitive knowledge and the skills developed in lab and hospital clinical to the field environment. Field clinical will run concurrently with the didactics and lab. Some field clinical will be held until the end of the labs and didactic to ensure the student meets entry level competency of a paramedic.

EMT GRADUATION REQUIREMENTS

The EMT student must complete the following to be considered for graduation. These requirements must be complete before taking the final exam.

1. Complete all class, lab and clinical hours as stated above.
2. Pass each module exam, comprehensive mid-term and cumulative final with a 70%.

3. Demonstrate competencies in required critical tasks including passing a comprehensive final scenario.
4. All required paperwork turned in.
5. Meets all financial requirements.
6. Complete a minimum of 10 patient contact reports.

EMT-B Summary

Grades	<u>Hospital</u>	<u>Ride Times</u>	<u>10 Patient contact forms</u>
70% <u>Written</u>	<u>20 hours- 2 days</u>	<u>40 Hours-4 days</u>	
<u>pass/fail Scenario</u>	<u>Lab- Skill sheets</u>	<u>Lecture- attendance</u>	<u>2 pediatric/2 geriatric</u>
	<u>40 Lab Hours</u>		<u>6 Medical/4 Trauma</u>

PROGRAM OUTLINE

NAME OF INSTITUTION: Health Career Institute

LICENSE # 2077

PROGRAM TITLE: Paramedic Program

CREDENTIAL ISSUED: Certificate of Completion

PROGRAM OBJECTIVE:

This is designed for the EMT-B who wishes to further his/her career in EMS. In addition, at the completion of this course the paramedic will understand and value to the EMS community. In addition this course will prepare the graduate paramedic to provide quality care and to function competently and effectively in the pre-hospital setting. To prepare the paramedic to successfully pass the State or National Registry Exam. The program consists of Lectures, Labs and field rotations. The program utilizes the latest curriculum by the U.s. Department of Transportation D.O.T.

PROGRAM DESCRIPTION:

To be eligible for certification by the State of Florida. The paramedic certificate is available to those who complete this core curriculum and pass the state exam. Each course of the Paramedic Program requires a passing grade of 80% to advance to the next course and graduate. If a failure is received in any paramedic course, the student will be required to repeat the entire course failed, as well as co-requisites being taken at time of failure.

ENTRANCE REQUIREMENTS OR PREREQUISITES:

1. CPR- BLS for Healthcare Provider or American Red Cross for Professional Rescuer.
2. 18 years of age at state exam
3. High School Diploma or G.E.D.
4. Physical Exam from a physician.
5. EMT certification from the State of Florida or National registry.

PROGRAM LENGTH

Months	<u>9</u>	Theory	370 <u>includes CPR and HIV</u>
Weeks	(36)	Lab	<u>182</u>
Clock Hours	_____	Externship	<u>550/ 160 Hospital/ 390 Provider</u>
Semester Hours		Total	<u>1102</u>

Tuition	\$ 5500.00		
Registration fee	<u>50.00</u>		
Books	\$ <u>Inc</u>		
Other Costs	\$ <u>Inc</u>		
Total Program Cost	<u>\$ 5550.000</u>	Program Costs	\$ 1850.00 Each Semester

PARAMEDIC PROGRAM BREAKDOWN BY COURSE

COURSE NUMBERS	COURSE DESCRIPTION	CLOCK HOURS
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LECTURE EMS 231 – Semester I (Prerequisite EMT-B)

This course presents the objectives contained in Modules I, and II of the 1998 U.S. Department of Transportation National Standard Curriculum for the EMT-Paramedic. This course stresses theory and procedures used by a comprehensive emergency medical system in advanced pre-hospital care of the emergency patient. Topics studied include role and responsibilities, medical legal issues, well-being of the paramedic, illness and injury prevention, ethics, medical terminology review, patient assessment, air-way management, venous access and medication administration, therapeutic communications, life span development, pathophysiology, management of shock and general pharmacology. Course must be completed with a grade of C (80% grade average) or better to continue in the Paramedic program.

Clock Hours: 80 Inc

BLS 101(6) and HIV(4) Clock Hours: 10

LECTURE EMS 232 -Semester II (Prerequisite EMS 231, 231C and 231L)

The course presents the objectives contained in Modules III, and IV, of the 1998 U.S. Department of Transportation National Standard Curriculum for the EMT-Paramedic. This course stresses theory and procedures used by a comprehensive emergency medical system in advanced pre-hospital care of the emergency patient. Topics studied include the following medical emergencies: cardiology, pulmonary, neurology, endocrinology, allergies, gastroenterology, renal, toxicology, hematology, environmental conditions, communicable diseases, gynecology, obstetrics, and psychiatric emergencies. The following trauma emergencies include: burns, spinal, thoracic, abdominal, musculoskeletal, head, facial, soft tissue, hemorrhage and shock. Course must be completed with a grade of C (80% grade average) or better to continue in the Paramedic program. This course may be repeated one time.

Clock Hours: 140

LECTURE PAR 233-Semester III (Prerequisite 232, 232C and 232L)

The course presents the objectives contained in Modules VI, VII, & VIII of the 1998 U.S. Department of Transportation National Standard Curriculum for the EMT-Paramedic. This course stresses theory and procedures used by a comprehensive EMS System in the care of the emergency patient. Topics studied include the following: neonatology, pediatrics, geriatrics, abuse and assault, patients with special challenges, acute interventions for the chronic care patient, assessment based management, ambulance operations, medical incident command, rescue awareness and operations, hazardous materials incidents, and crime scene awareness.

Clock Hours: 140

SKILLS LAB PAR 231L - Laboratory

The course presents the objectives contained in Modules I, to VII of the 1998 U.S. Department of Transportation National Standard Curriculum for the EMT-Paramedic. This course stresses theory and procedures used by a comprehensive emergency medical system in advanced pre-hospital care of the emergency patient. Topics studied include the following: emergency treatment techniques for neonatology, pediatrics, geriatrics, abuse and assault, patients with special challenges, acute interventions for the chronic care patient, assessment based management, ambulance operations, medical incident

command, rescue awareness and operations, hazardous materials incidents, and crime scene awareness. Course must be completed with a grade of C (80% grade average) or better to continue in the Paramedic program.

Total Clock Hours:182

EMS 232C Paramedic Field Internship

The course presents the objectives contained in all the Modules I through VII of the 1998 U.S. This course allows students to correlate all of the didactic background in the paramedic course with advanced patient care, and offers the student's opportunities to demonstrate competency in the skills learned. Students will be assigned to specific fire departments and hospitals to complete minimum hours of field ride time and clinical time. Students will perform various emergency medical modalities and procedures under direct supervision of paramedic preceptors, nurses and physicians. Course must be completed with a PASS/FAIL. **(Hospital 160 and Ride 390)= Clock Hours: 550**

Program Cognitive Objective:

At the completion of the program, the graduate of the paramedic program will demonstrate the ability to comprehend, apply, and evaluate the clinical information relative to his/her role as an entry level paramedic in the state of Florida.

Program Psychomotor Objective:

At the completion of the program, the student will demonstrate technical proficiency in all of the skills necessary to fulfill the role of the entry level paramedic in the state of Florida.

Program Affective Objective:

At the completion of the program, the student will demonstrate personal behaviors consistent with the professional and employer expectations for the entry level paramedic in the state of Florida.

Types of program evaluation:

- Performance of graduates on certification exams
- Graduate surveys
- Employer surveys
- Medical Director surveys
- Patient surveys

PARAMEDIC GRADUATION REQUIREMENTS

The Paramedic student must complete the following to be considered for graduation. These requirements must be complete before taking the final exam.

1. Complete all class, lab and clinical hours as stated above.
2. Pass each module exam, comprehensive mid-term and cumulative final with a 80%.
3. Demonstrate competencies in required critical tasks including passing a comprehensive final scenario.
4. All required paperwork turned in.
5. Meets all financial requirements.

6. Complete a minimum of patient contact reports below.

Summary of patient contact reports

Psychomotor skills	Total required	Pathologies	Assessments	Complaints	Assessments
Administer Meds	15	OB	10	Chest pain	30
Perform ET Intubations	5	Trauma	40	Dyspnea	20 adult 8 pediatric
Ventilate Unintubated Patients	20	Psychiatric	20	Syncope	10
Successful IV	25			Abdominal pain	20

PARAMEDIC PROGRAM ISSUANCE OF CERTIFICATE OF COMPLETION

The final decision as to whether the student passes the course shall be determined at the sole direction of the Medical or EMS Director. This will be based on an overall assessment of the student's performance, including but not limited to, overall grade average, clinical performance evaluation, attitude, general performance, knowledge of clinical areas of study and judgment exhibited by the student during the course. It must be stressed that grade point average is not the **SOLE** determinant of the issuance of a certificate of completion received on the last day of class if the student meets all graduation requirements.

The institution reserves the right to send the roster of graduates to the State of Florida Bureau of EMS **within** the required 14 day period. In most cases College of Health and Public Safety will promptly submit the roster of completion prior to the 14 day period.