McLennan COMMUNITY COLLEGE

Level 1 Certificate of Completion
Paramedicine (EMT)

McLENNAN COMMUNITY COLLEGE

2018-2019

Degree Description

The Paramedicine (EMT) Program is designed to prepare students for a career in emergency medical services.

Regular admission to the college is required. Contact the program director for more information.

Semester I	Hours
EMSP 1160 Clinical - Emergency Medical Technology/Technician	1 hours
EMSP 1501 Emergency Medical Technician - Basic	5 hours
EMSP 1173 EMS First Responder Agility and Fitness Preparation	1 hours
EMSP 2271 Simulation in Respiratory Care	2 hours
BIOL 2404 Anatomy & Physiology (specialized)	4 hours
HPRS 1206 Essentials of Medical Terminology	2 hours
EDUC 1100 Learning Framework ***or*** PSYC 1100 Learning Framework ***or*** EDUC 1300 Learning Framework ***or*** PSYC 1300 Learning Framework	1-3 hours
	16-18 hours

Total hours: **16-18 hours**

Course Descriptions

EMSP 1160 Clinical - Emergency Medical Technology/Technician

Provides hospital clinical and pre-hospital work-based learning experiences with the supervision of a qualified preceptor. Students interact directly with patients, family members, and hospital and pre-hospital employees and assist in the provision of care and services. Students complete 60 hours of ambulance ride-outs and 20 hours of emergency department experience and record all activities on detailed forms that are reviewed, approved, and submitted to the course instructor. Student documentation of patient care and procedures completed or assisted with are maintained in the student's file. On-site clinical instruction, supervision, evaluation, and placement are the responsibility of the college faculty. Clinical experiences are unpaid external learning experiences. Includes hospital setting for Basic level. Prerequisites: Must have acceptable TSI Assessment score. Must contact EMS/Paramedicine program director to be advised on immunization details, application process and deadlines. Corequisites: EMSP 1501, 1173, and 2271. Semester Hour 1 (5 clinical hours/week)

EMSP 1501 Emergency Medical Technician - Basic

Introduction to the level of Emergency Medical Technician (EMT)-Basic. Includes all the skills necessary to provide emergency medical care at a basic life-support level with an ambulance service or other specialized services. Prerequisites: HPRS 1206, BIOL 2404, and CPR. Must have acceptable TSI Assessment scores. Must contact EMS/Paramedicine program director to be advised on immunization details, application process, and deadlines. Semester Hours 5 (2 lec/8 lab)

EMSP 1173 EMS First Responder Agility and Fitness Preparation

Provides the student with the tools necessary to improve long-term physical health and conditioning. Exercise and physical training will prepare the EMS student to successfully meet or exceed the physical strength requirements and challenges of working with EMS. Prerequisites: EMT students must meet the requirements for admission to the EMT program. Advanced EMT students (EMT Intermediate and Paramedic level) must meet the requirements for admission into the Advanced EMT program. Semester Hour 1 (2 lab)

EMSP 2271 Simulation in Respiratory Care

Provides an advanced presentation of anatomy and physiology of the cardiovascular and pulmonary system. Case presentations and computer-assisted simulations assist the student to develop critical thinking skills in assessing and providing life-saving medical interventions in the pre-hospital environment. Prerequisites: EMT students must meet the requirements for admission into the EMT program. Advanced EMT students (EMT Intermediate and Paramedic level) must meet the requirements for admission into the Advanced EMT program. Semester Hours 2 (1 lec/2 lab)

BIOL 2404 Anatomy & Physiology (specialized)

Study of the structure and function of human anatomy, including the neuroendocrine, integumentary, musculoskeletal, digestive, urinary, reproductive, respiratory, and circulatory systems. Content may be either integrated or specialized. This course is designed to introduce the integrative processes within cells, tissues, organs and body systems associated with human anatomy and physiology. Lecture in combination with laboratory exercises will be utilized to provide a basis for anatomical and physiological processes. This knowledge base will provide a background for selected programs in health careers. Semester Hours 4 (3 lec/3 lab)

HPRS 1206 Essentials of Medical Terminology

A study of medical terminology, word origin, structure, and application. Semester Hours 2 (2 lec)

EDUC 1100 Learning Framework

A study of the: 1) research and theory in the psychology of learning, cognition, and motivation; 2) factors that impact learning; and 3) application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners. Students developing these skills should be able to continually draw from the theoretical models they have learned. (Cross-listed as PSYC 1100.) Semester Hour 1 (1 lec)

PSYC 1100 Learning Framework

A study of the 1) research and theory in the psychology of learning, cognition, and motivation, 2) factors that impact learning, and 3) application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners. Students developing these skills should be able to continually draw from the theoretical models they have learned. (Cross-listed as EDUC 1100.) Semester Hour 1 (1 lec)

EDUC 1300 Learning Framework

A study of the: 1) research and theory in the psychology of learning, cognition, and motivation; 2)factors that impact learning; and 3) application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners. Students developing these skills should be able to continually draw from the theoretical models they have learned. (Cross-listed as PSYC 1300.) Prerequisite: Must have passed the reading portion of the TSI or concurrent enrollment in INRW 0402. Semester Hours 3 (3 lec)

PSYC 1300 Learning Framework

A study of the 1) research and theory in the psychology of learning, cognition, and motivation; 2) factors that impact learning; and 3) application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners. Students developing these skills should be able to continually draw from the theoretical models they have learned. Prerequisites: Must have passed the reading portion of the TSI Assessment or concurrent enrollment in INRW 0402. Semester Hours 3 (3 lec)
