Ohio Administrative Code

Rule 4765-17-04 Paramedic curriculum.

Effective: June 15, 2018

[Comment: For dates and availability of materialincorporated by reference in this chapter and Chapters 4765-01 to 4765-10 and4765-12 to 4765-19 of the Administrative Code, see rule 4765-1-03 of theAdministrative Code.]

(A) Effective September 1, 2012, an EMS training program for a certificate to practice as a paramedic or a paramedic refresher program started on or after this date, shall be conducted in accordance with this rule. Prior to September 1, 2012, an EMS training program for a certificate to practice as a paramedic or a paramedic refresher program may, but is not required to, teach the curriculum in accordance with this rule.

(B) An EMS training program for a certificate to practice as a paramedic shall be in accordance with division (E) of section 4765.16 of the Revised Code and this rule and shall require all students complete an anatomy and physiology course as a prerequisite for admission into the EMS training program for a certificate to practice as a paramedic. The EMS training program shall be conducted in accordance with the "National EMS Education Standards" approved by NHTSA, the "Ohio Approved EMS Curriculum Standards" approved by the board, and the scope of practice set forth in rule 4765-17-03 of the Administrative Code. Such EMS training program shall consist of at least nine hundred hours, to include all of the following subject hours:

(1) At least five hundred hours shall be devoted to the didactic and laboratory portion of the EMS training program;

(2) At least four hundred hours shall be devoted to the clinical and field training portion, to include minimum skill set competency as outlined in paragraph (D) of this rule.

(C) An EMS training program for paramedic certification shall include all of the following subject areas:

(1) Preparatory;

(2) Anatomy and physiology;

(3) Medical terminology;

(4) Physiology;

(5) Life span development;

(6) Public health;

(7) Pharmacology;

(8) Airway management, respiration, and artificial ventilation;

(9) Patient assessment;

(10) Medicine, to include chest compression assist devices;

(11) Shock and resuscitation;

(12) Trauma, to include trauma triage determination pursuant to rule 4765-14-02 of the Administrative Code;

(13) Special patient populations;

(14) EMS operations.

(D) In addition to meeting the requirements in paragraphs (B) and (C) of this rule, during the EMS training program, students must demonstrate competencies by successfully completing the following skills on patients, unless otherwise noted:

(1) A minimum of ninety patient assessments, to include:

(a) A minimum of fifty adult assessments;

(b) A minimum of thirty geriatric assessments;

(c) A minimum of ten pediatric assessments;

(d) Within the ninety patient assessments, the following must be included:

(i) Fifteen chest   complaints;

(ii) Fifteen shortness of   breath complaints;

(iii) Fifteen abdominal   pain complaints;

(iv) Fifteen altered   mental status complaints.

(2) A minimum of fifteen medication administrations, to include:

(a) A minimum of two intravenous medication administrations;

(b) A minimum of one subcutaneous injection, which may be completed on a mannequin or simulator;

(c) A minimum of three intramuscular injections;

(d) A minimum of five bronchodilator administrations.

(3) A minimum of thirty intravenous accesses and maintenance;

(4) Programs are expected to provide live intubation experience when possible. At a minimum, students shall be successful in any combination of live patients, high definition fidelity simulations,

low fidelity simulations or cadaver labs in all age brackets. Each student shall perform:

(a) A minimum of ten direct adult orotracheal intubations and ten direct pediatric orotracheal intubations as an individual student competency evaluation in the laboratory;

(b) A minimum of two direct adult orotracheal intubations and two direct pediatric orotracheal intubations as an individual student competency evaluation in a laboratory scenario;

(5) A minimum of thirty electrocardiogram interpretations;

(6) A minimum of fifty advanced life support ambulance runs;

(7) A minimum of two intraosseous initiations, which may be completed on a mannequin or simulator;

(8) A minimum of one manual defibrillation, which may be completed on a mannequin or simulator.

(E) An accredited institution offering an EMS training program, as outlined in paragraphs (B), (C), and (D) of this rule, shall provide for regular written and practical skills evaluations of student performance and achievement throughout the EMS training program. Evaluations shall include a comprehensive written examination and an examination of practical skills, prior to the issuance of a certificate of completion.

(F) A paramedic refresher program shall consist of at least forty-eight hours according to the "Paramedic Refresher Training Program" education standards approved by the board for the number of hours listed in each of the following subject areas:

(1) Twelve hours on pediatric issues;

(2) Eight hours on trauma issues, to include education on each of the following:

(a) The trauma triage determination pursuant to rule 4765-14-02 of the Administrative Code;

(b) Chest tube monitoring;

(c) Maintenance of blood products.

(3) Ten hours on medical emergencies to include education on each of the following:

(a) Blood chemistry analysis;

(b) Morgan lens.

(4) Four hours on geriatric issues;

(5) Six hours on cardiac emergencies to include education on thrombolytic initiation and monitoring;

(6) Fours hours on airway and ventilation to include education on positive end-expiratory pressure;

(7) Two hours on EMS operations;

(8) Two hours on obstetrics and gynecology.

(G) An accredited or approved institution offering a refresher program, as outlined in paragraph (F) of this rule, shall provide for regular evaluation of student performance and achievement through written and practical testing, prior to issuance of a certificate of completion.